





GENERAL CATALOG

Symbology

Wheel diameter	
Single wheel width	
Twin wheel width	
Hub length	
Flange diameter	
Flanged wheel width	
"V" Grooved width	
"V" Grooved Height	
Wheel bearing type	
Axle diameter with sleeve	
Axle diameter without sleeve	
Overall height	
Swivel radius	
Load capacity	

AVAILABLE IN
ANTISTATIC MATERIAL



AVAILABLE IN
ANTIMICROBIAL
WHEELS



AVAILABLE IN
CONDUCTIVE
MATERIAL



AVAILABLE IN 304
STAINLESS STEEL



AVAILABLE IN
HOT-DIP GALVANIZED



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HISTORY

SCHIOPPA was founded in **São Paulo, Brazil** in August of 1950 — during the Brazilian Industrial Revolution.

Driven by decreased imports during World War II, Brazilian industrial development gained momentum to meet the local demand. In a 1,127-sqm plant with 17 employees, **SCHIOPPA** invested a lot of resources into the manufacturing of **WHEELS AND CASTERS** for different purposes, which contributed to a strong market.



Since its inception, **SCHIOPPA** has been constantly expanding. Now, it has on over 10,000 sqm of industrial facilities, 400 employees, and ISO 9001 quality certification.

SCHIOPPA provides its customers with over **40,000 OPTIONS OF WHEELS AND CASTERS** through a comprehensive network of representatives and distributors throughout Brazil and Latin America, Europe, Asia, and the United States. The

company's growth and reach has been made possible thanks to our technical staff that support and innovate in every market segment.

SCHIOPPA is managing innovative, large-scale organizational growth and improvement through its companies **Schioppa Wheels & Casters** and **Schioppa Polymers & Rubber Artifacts**. Both have a strong position in the market and stand out for their continuous dedication to social and environmental responsibilities.

Founder: Mr. Mario Schioppa



1950

1972

1996

2019



STAMPING SECTOR

2012



2000

2004

2008

THE WHEEL



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Around 4,000 B.C., in Mesopotamia, disk-shaped clay boards were used in religious ceremonies. But these were motionless panels. The wheel started moving **1,000 years later**. For better commerce and more effective transportation of goods, **wooden disks** have been used as wheels for carts and wagons.

2,000 B.C., wheels equipped with spokes – lighter than the massive solid wheels – appeared almost simultaneously in northern Europe, Asia Minor, and China. They were used for ox and horse-drawn carriages and carts.

1,000 B.C., in Western Europe, Celts started covering their carriage wheels with a metallic coating, which increased durability and decreased rolling resistance.

In Egypt, wheels became lighter, enabling faster movement in battle.

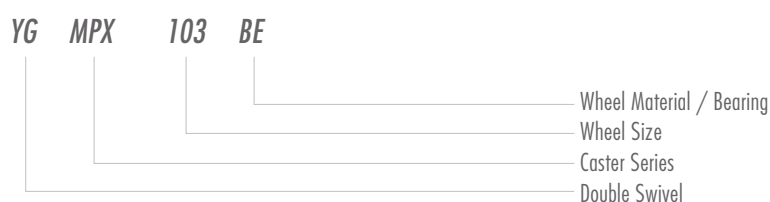
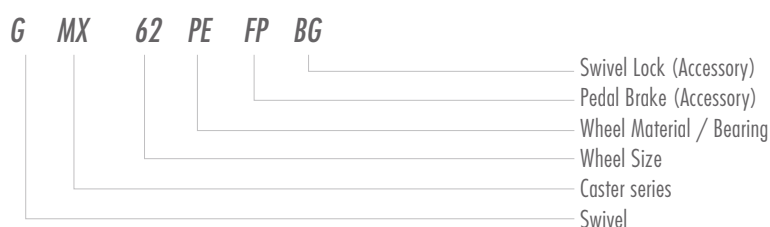
Once they conquered Egypt, the Romans started using this type of wheel in chariot races for public presentation. The ancient Roman Empire had 100,000 kilometers of roads, and the wheel meant **progress** for both commerce and militarism.

As the Roman Empire fell apart, wheel development stalled. It wasn't until the Renaissance period when wheel development resumed. Thanks to the input of great thinkers like Leonardo da Vinci, many ideas furthered our notion of what was possible with wheel, like early designs of the bicycle and automobile — designs that were accomplished centuries later.

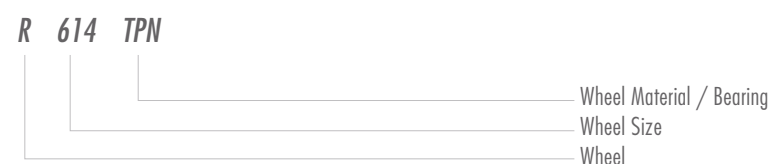
CODING SYSTEM

SCHIOPPA offers a wide product range, including casters, wheels and rigs, identified by the following codes:

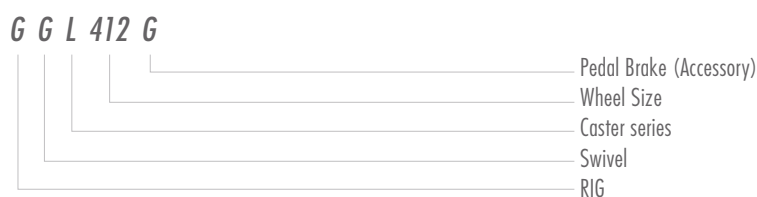
CASTERS



WHEELS



RIGS



How to select wheels and casters

Choose the best Schioppa wheels and casters for your application. Get optimum resistance, durability, ergonomics, smoothness, and operational safety by following the steps provided below.

1st Step

Calculating the load per wheel

Properly define the load on each wheel or caster, according to the project and anticipated application conditions. For optimal performance, avoid exceeding wheel and caster capacity limits as provided in the catalog.

The formula below allows you to calculate the load on each wheel or caster — taking into account some of the most important factors.

$$C = \frac{PE + PMC}{N} \cdot S$$

Where:

C = Load per wheel or caster (kg)

PE = Equipment, cart, or structure weight (kg)

PMC = Maximum load weight to be transported (kg)

N = Number of wheels or casters

S = Safety coefficient

The safety coefficient value “S” must range from 1.0 to 2.0, depending on application conditions.

Safety Coefficient S	USE CONDITION
1	Virtually static load
1,33	Frequent use, motion on smooth floors
1,5	Frequent use, motion on uneven floors
2,0	Severe use, at speeds above 10 km/h with solid or liquid loads, or need to handle obstacles

2nd Step

Environmental Conditions

Assess work environment conditions for wheels or casters, such as maximum and minimum temperatures and the presence of chemicals that may cause contamination.

Swivel heads and ball bearings in the casters are assembled with lubrication to withstand temperatures from 0°C to 100°C. We can apply grease for other temperature ranges on demand.

Casters assembled with stainless steel forks provide an excellent useful life in damp environments and those with aggressive chemicals.

To help you choose the ideal material for your wheel, on pages 12 to 14, you will find a list of wheel materials that are compatible with various chemicals, operational temperatures, speeds, and other factors.

3rd Step

Floor Conditions

Look at the floor type and condition. Identify surface irregularities and the presence of obstacles.

You must choose the most appropriate wheel material in order to preserve the floor, withstand surface abrasiveness and shock, and handle obstacles well.

To mitigate noise and vibration during operation, choose smooth wheels and spring-loaded casters. (Check out table *Selection of Wheels for Floors and Environments* on page 14).

4th Step

Types of Support Bearings

Wheels can use five different types of bearing supports: plain bearing, nylon bushing, bronze bushing, roller bearings, and ball bearings. Each bearing type has a large and unique influence on their performance.

For tasks with **light loads** and little motion, wheels with a **plain bearing** or **nylon bushing** are the most appropriate and cost effective. Wheels with a **bronze bushing** must be used in conditions with significant dampness or extreme temperatures.

Roller bearings are intended for **light and medium loads** and make it easier to handle manually-driven equipment.

Ball bearings make it easier to move throughout **all load ranges**, providing decreased rolling resistance and increased durability. They must always be used on

the wheels of equipment subject to more severe uses, mechanically-driven applications, and at higher speeds. They are provided with a steel seal with a grease fitting for cast iron wheels, celeron, or nylon with fiberglass. Other wheel types come with two steel seals with permanent lubrication. For applications in environments exposed to dampness, bearings with rubber seals are available on demand. Wheels with conical roller bearings are available for high-stress applications with very high speeds and heavy loads where radial and axial effort is present.

Tip

The main factors that contribute to easier handling and ergonomics are tread material hardness and wheel diameter. The harder the tread material, the lower the effort needed for the motion, and - the larger the diameter, the easier it is to handle obstacles.

Accessories

Schioppa offers a complete line of accessories, which increases the wheel and caster's efficiency.

Depending on the application, we recommend the use of brakes to lock the wheel, guardrails to protect the feet or to clear the passage; directional lock for the swivel head and to guide caster displacement orientation, and tread guards to prevent the entry of debris into the wheel hubs.

Castors equipped with accessories may have their main dimensions changed, so it is important to provide sufficient space in project design for adequate movement.

WHEEL MATERIAL - CHEMICAL RESISTANCE

✓✓ Resistant
✓ Conditionally Resistant
⊖ Not Resistant

MATERIAL	CONCENTRATION	RUBBER	POLYAMIDE	POLYURETHANE	POLYPROPYLENE
Acetaldehyde	40%	✓	✓	⊖	✓
Acetic acid	30%	⊖	✓✓	⊖	✓✓
Acetone	-	✓✓	✓✓	⊖	✓
Acetylene	-	✓✓	✓✓	✓✓	-
Acrylic acid	-	-	⊖	⊖	-
Adhesive	-	-	-	✓✓	-
Alkyl alcohol	-	✓✓	✓	⊖	-
Alkyl benzene	-	-	✓✓	-	-
Aluminium acetate	-	-	✓✓	-	-
Amine, aliphatic	-	-	✓✓	-	-
Amino acid mixtures	-	-	✓✓	-	-
Ammonium bicarbonate	-	-	✓✓	-	-
Ammonium carbonate	-	✓✓	-	⊖	-
Ammonium hydroxyde	-	-	-	⊖	-
Ammonium nitrate	-	✓	-	✓✓	✓✓
Ammonium salts	-	-	✓✓	-	✓✓
Ammonium sulphate	-	✓	-	✓✓	✓✓
Amyl Acetate	-	✓✓	✓✓	⊖	✓✓
Amyl alcohol	-	✓✓	✓✓	✓	✓✓
Aniline	-	⊖	✓	⊖	✓✓
Anthraquinone, 85%C	-	-	✓✓	-	-
Barium salts	-	✓✓	✓	✓✓	✓✓
Beer	-	✓✓	✓✓	✓✓	-
Benzene, Petrol ether	-	⊖	✓✓	✓✓	⊖
Bitumen	-	⊖	✓✓	✓✓	-
Borax	-	✓✓	-	✓✓	-
Boric acid, aqueous	10%	✓✓	✓	✓✓	✓
Bromine	-	⊖	⊖	⊖	⊖
Butane	-	⊖	✓✓	✓✓	-
Butter	-	⊖	✓✓	✓✓	-
Carbolineum	-	⊖	✓✓	⊖	-
Carbon monoxide, hot	-	-	✓✓	⊖	-
Carbonic acid	-	-	-	✓✓	-
Casein	-	-	✓✓	-	-
Caustic potash	-	-	-	⊖	-
Caustic soda	-	-	-	⊖	-
Chlorine, chlorine water	-	⊖	⊖	⊖	⊖
Chromic acids, aqueous	10%	⊖	✓	✓	⊖
Citric acid, aqueous	10%	✓✓	✓✓	-	-

MATERIAL	CONCENTRATION	RUBBER	POLYAMIDE	POLYURETHANE	POLYPROPYLENE
Citrus oils	-	-	✓✓	-	-
Cobalt acids, aqueous	20%	-	✓	-	-
Coconut oil	-	⊖	✓✓	✓✓	-
Copper chloride	-	✓✓	-	✓✓	-
Copper salts, aqueous	10%	-	⊖	✓✓	-
Copper sulphate	-	✓	✓	✓✓	✓✓
Cotton seed oil	-	-	-	✓✓	-
Cresols	-	-	⊖	✓✓	-
Crude oil	-	⊖	✓✓	✓✓	-
Cyclohexanol	-	✓	✓✓	✓	-
De-icing salts (solutions)	-	-	✓✓	-	-
Decalcifier, aqueous	10%	-	✓✓	-	-
Dichloroethylene	-	⊖	✓	⊖	⊖
Dichlorobenzene	-	⊖	✓✓	⊖	⊖
Diethyleneglycol	-	✓✓	✓✓	✓✓	-
Dimethyl formic amide	-	✓	✓✓	⊖	✓✓ (max. 20°C)
Dimethylaniline	-	-	-	⊖	-
Dimethylether	-	✓	✓✓	✓✓	✓✓
Ethanol amine	-	-	-	⊖	✓
Ether	-	-	✓✓	✓✓	-
Ethyl acetate	-	✓	✓✓	⊖	-
Ethyl alcohol	-	✓✓	✓	✓✓	✓✓
Ethylene	-	-	-	✓✓	-
Fatty acids	-	-	✓✓	✓✓	-
Fir leaf oil	-	⊖	-	✓✓	-
Flue gas	-	-	-	⊖	-
Fluorine	-	⊖	⊖	⊖	⊖
Formaldehyde	30%	✓✓	✓✓	✓	✓✓
Formic acid	10%	✓	⊖	⊖	✓✓ (max. 60°C)
Formic amide, pure	-	✓✓	✓✓	✓	-
Furfural	-	-	✓✓	⊖	-
Gelatine	-	-	-	✓✓	-
Glucose	-	✓✓	-	✓✓	-
Glycerine	-	✓✓	✓✓	✓✓	✓✓
Glycol	-	✓✓	✓	✓	✓✓
Hexane	-	⊖	✓✓	✓✓	-
Hydraulic liquids	-	⊖	✓✓	⊖	✓✓
Hydrochloric acid, aqueous	30%	✓	⊖	⊖	✓✓
Inert gases	-	-	✓✓	-	-

MATERIAL	CONCENTRATION	RUBBER	POLYAMIDE	POLYURETHANE	POLYPROPYLENE
Ink	-	✓✓	✓✓	✓✓	-
Iron chloride, acidic	10%	✓	⊗	✓	✓✓ (max. 20°C)
Iron sulphate	-	-	-	✓✓	-
Isoprophyl ether	-	✓✓	-	✓✓	-
Isopropyl chloride	-	⊗	-	⊗	-
Lactic acids	-	⊗	⊗	⊗	✓✓
Lead acetate, aqueous	10%	✓	✓✓	✓✓	⊗
Lead nitrate	-	✓✓	-	✓✓	-
Lees, 80°C	-	✓✓	✓✓	-	-
Liquid ammonia	20%	✓✓	✓✓	⊗	✓✓
Magnesium salts, aqueous	10%	-	✓✓	✓✓	✓✓
Malic acid	-	-	✓✓	✓	✓✓ (max. 60°C)
Manganese salts	10%	-	✓	-	-
Mercury	-	✓✓	✓✓	✓✓	✓✓
Mercury chloride	-	-	⊗	✓✓	✓✓
Methyl alcohol	-	✓	✓	✓✓	✓✓
Methyl ethyl ketone	-	⊗	✓✓	⊗	✓✓
Methyl pyrolidone	-	-	-	⊗	-
Methylene chloride	-	⊗	⊗	⊗	-
Milk	-	✓✓	✓✓	✓✓	-
Mineral oils	-	⊗	✓✓	✓✓	-
Mono bromo benzol	-	⊗	-	⊗	-
Mortars, cements, lime	-	✓✓	✓✓	-	-
Mustard	-	-	-	✓✓	-
Naphthalene	-	⊗	✓✓	⊗	✓✓
Nickel chloride, aqueous	10%	✓✓	✓	✓✓	-
Nickel salts, aqueous	10%	-	✓	✓✓	-
Nickel sulphate, aqueous	10%	✓	✓	✓✓	-
Oleic acid	-	⊗	✓✓	✓✓	-
Oxalic acids, aqueous	10%	-	✓	-	✓✓
Ozone	-	⊗	✓	✓✓	-
Palmitic acid	-	⊗	✓✓	⊗	-
Paraffin	-	⊗	✓✓	✓✓	-
Phenyl benzol	-	⊗	-	⊗	-
Phenyl ethyl ether	-	⊗	-	✓✓	-
Phosphoric acid, aqueous	10%	✓	⊗	-	✓✓
Potassium chloride	10%	✓	✓✓	✓✓	✓✓ (max. 20°C)
Potassium cyanide	-	-	-	✓	-
Potassium hydroxide	-	-	✓✓	⊗	✓✓

MATERIAL	CONCENTRATION	RUBBER	POLYAMIDE	POLYURETHANE	POLYPROPYLENE
Potassium salts	-	-	-	✓	✓✓
Potassium sulphate	-	✓✓	-	✓✓	✓✓
Propane	-	⊗	✓✓	✓✓	-
Propyl alcohol	-	-	-	✓	-
Pure acetic acid	-	✓	-	✓✓	-
Ricinol	-	-	-	✓✓	-
Silver nitrate	-	✓	-	✓✓	✓✓
Soda ash, aqueous	10%	-	✓✓	⊗	✓✓
Soda lye	50%	✓✓	✓	⊗	✓✓
Soda solution, aqueous	10%	✓✓	✓✓	-	-
Sodium chloride, aqueous	10%	✓	⊗	✓✓	✓✓ (max. 20°C)
Sodium cyanide, aqueous	10%	-	✓✓	⊗	-
Sodium hydroxyde, aqueous	-	-	-	⊗	✓✓
Sodium nitrate, aqueous	10%	✓✓	✓✓	✓✓	✓✓
Sodium phosphate, aqueous	10%	✓✓	✓✓	✓✓	✓✓
Sodium silicate, aqueous	10%	✓✓	✓✓	✓	-
Sodium sulphate, aqueous	10%	✓✓	✓✓	✓✓	-
Sodium sulphide, aqueous	10%	✓	✓✓	✓	-
Sodium thiosulfate	10%	✓✓	✓✓	✓	-
Stearic acid	-	⊗	✓✓	⊗	-
Sulphuric acid	-	✓	✓	⊗	✓✓
Tannin acid	10%	✓✓	-	-	-
Tartaric acid, aqueous	10%	✓✓	✓✓	✓	-
Tetrachloro carbons	-	⊗	✓✓	⊗	-
Tincture of iodine	-	✓✓	⊗	⊗	✓✓
Toluol	-	⊗	✓✓	⊗	⊗
Turpetine oil	-	⊗	✓✓	✓	⊗
Uranium fluoride	-	-	⊗	-	-
Uric acid, aqueous	10%	✓✓	✓✓	-	-
Urine	-	✓✓	✓✓	-	-
Vaseline	-	-	✓✓	-	✓✓ (max. 60°C)
Vegetable oils	-	⊗	✓✓	✓✓	-
Vinyl chloride, 80°C	-	-	✓✓	-	-
Wastewater	-	-	✓✓	✓	-
Water (seawater)	-	✓✓	✓✓	✓	-
Water, cold	-	✓✓	✓✓	✓✓	-
Water, up to 80°C	-	✓	✓✓	⊗	-
Wax, 80°C	-	-	✓✓	-	-
Xylol (Xylene)	-	⊗	✓✓	⊗	⊗
Zinc chloride, aqueous	10%	✓✓	✓	⊗	✓✓

CRITERIA FOR WHEEL SELECTION: FLOOR AND ENVIROMENT

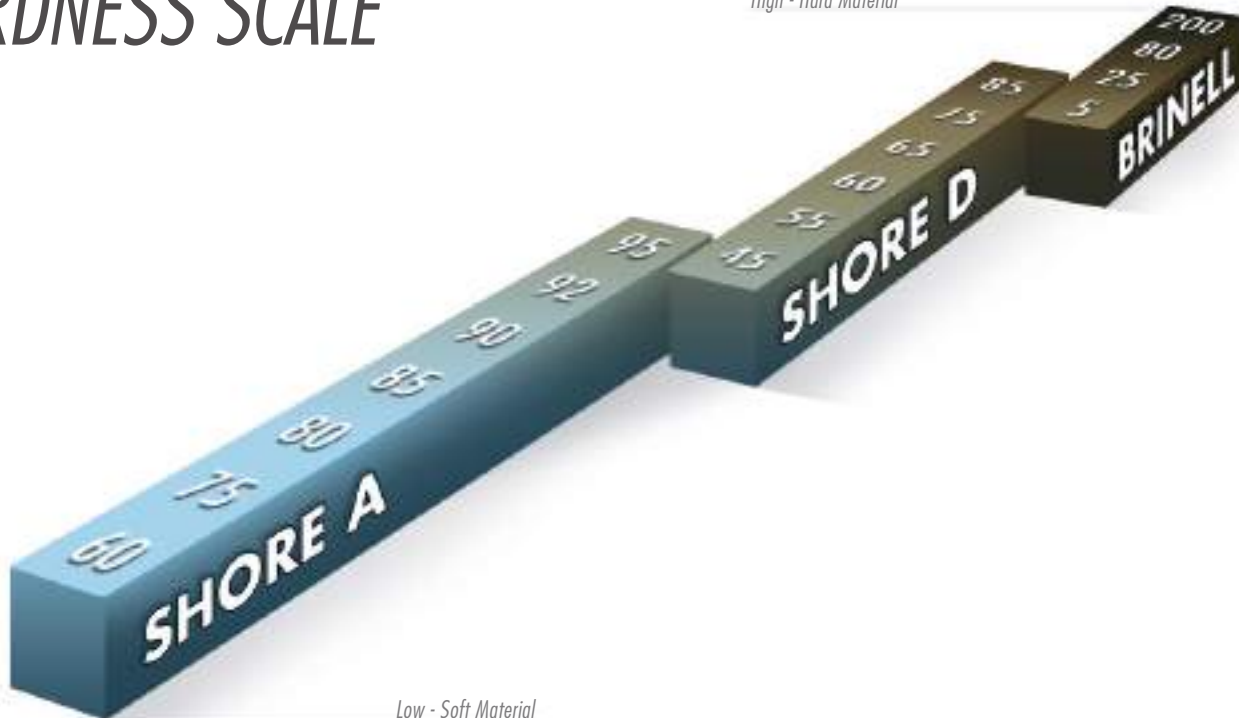
✓ = Recommended

CATEGORY	WHEEL MATERIAL	REFERENCE	WORK TEMPERATURE	HARDNESS	Smooth Concrete	Rough Concrete	Asphalt	Wood	Steel	Tile	Epoxy	Ground	Traction		*Maximum Speed Travelling
													Towed	Manual	
THERMOPLASTICS	PVC	BP	-10°C to +50°C	85 Shore A	✓	-	-	✓	✓	✓	✓	-	No	Yes	4km/h
		GEL	-10°C to +50°C	90 Shore A	✓	-	-	✓	✓	✓	✓	-	No	Yes	4km/h
	Soft Rubber	SP	-10°C to +50°C	65 Shore A	✓	-	-	✓	-	✓	✓	-	No	Yes	4km/h
	Thermoplastic Rubber	TB	-20°C to +70°C	80 Shore A	✓	-	-	✓	✓	✓	✓	-	No	Yes	4km/h
		STR	-20°C to +70°C	70 Shore A	✓	-	-	✓	✓	✓	✓	-	No	Yes	4km/h
	Thermoplastic Compound	TP	-10°C to +50°C	85 Shore A	✓	-	-	✓	✓	✓	✓	-	No	Yes	4km/h
	Thermoplastic Polyurethane	UP	-20°C to +70°C	90 Shore A	✓	✓	✓	✓	✓	✓	✓	-	No	Yes	4km/h
	Polyetilene	Citrus	-20°C to +70°C	65 Shore D	✓	-	-	✓	✓	✓	✓	-	No	Yes	4km/h
MOLDED RUBBERS	Polypropylene	NP/NPP	-20°C to +70°C	65 Shore D	✓	-	-	✓	✓	✓	✓	-	No	Yes	4km/h
	Nylon	NT/NTT/NM/RCNT/RDNT	-40°C to +110°C	75 Shore D	✓	-	-	-	✓	-	✓	-	No	Yes	4km/h
	Molded Rubber	BIN	-20°C to +70°C	80 Shore A	✓	✓	✓	-	✓	-	-	-	Yes	Yes	4km/h
		ALBS Blac	-20°C to +70°C	80 Shore A	✓	✓	✓	-	✓	-	-	-	Yes	Yes	16km/h
		B/BS Blac	-20°C to +70°C	80 Shore A	✓	✓	✓	-	✓	-	-	-	Yes	Yes	20km/h
	Molded Soft Rubber	BS Blue/ALBS Blue	-20°C to +70°C	65 Shore A	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	16km/h
		BS Gray/ALBS Gray	-20°C to +70°C	75 Shore A	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	16km/h
	Solid Tire	BMN/PMN/BD/PM	-20°C to +70°C	80 Shore A	✓	✓	✓	-	✓	✓	-	✓	Yes	Yes	4km/h
MOLDED POLYURETHANES	Pneumatic	RIT/PC/PP	-20°C to +50°C	-	✓	✓	✓	✓	✓	✓	-	✓	No	Yes	4km/h
	Molded Polyurethane	ALBC	-40°C to +80°C	90 Shore A	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	16km/h
		P/BC/RUC/RUD	-40°C to +80°C	90 Shore A	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	20km/h
		NU	-40°C to +80°C	90 Shore A	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	4km/h
		ALP	-40°C to +80°C	90 Shore A	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	6km/h
	High Hardness Molded Polyurethane	ALAC	-40°C to +80°C	60 Shore D	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	16km/h
		AC/PAC	-40°C to +80°C	60 Shore D	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	20km/h
	High Performance Molded Polyurethane	PHP	-40°C to +100°C	95 Shore A	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	30km/h
HIGH TEMPERATURE	Molded Soft Polyurethane	ALP Soft/P Soft	-40°C to +80°C	75 Shore A	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	6km/h
		ALPSS Soft/PSS Soft	-40°C to +80°C	75 Shore A	✓	✓	✓	✓	✓	✓	✓	-	Yes	Yes	16km/h
	Phenolic Resin	C	-30°C to +120°C	103 Rockwell M	✓	-	-	-	✓	-	-	-	Yes	Yes	4km/h
	Cast Iron	F/V-Grooved/ DV-Decauville	-40°C to +400°C	160 Brinell	✓	✓	-	-	✓	-	-	-	No	Yes	4km/h
	Nylon High Temperature	NHT	-20°C to +220°C	85 Shore D	✓	-	-	-	✓	-	✓	-	No	Yes	4km/h
	Nylon with Fiber Glass	NFV	-40°C to +180°C	80 Shore D	✓	-	-	-	✓	-	✓	-	No	Yes	4km/h
	Termic	TM	0°C to +200°C	90 Shore D	✓	-	-	-	✓	-	-	-	No	Yes	4km/h

* The maximum speed travel may change, according to the chosen rigs and bearings.

HARDNESS SCALE

High - Hard Material



Low - Soft Material

SPECIAL ADDITIVES

DISSIPATIVE

Out of a broad range of applications, the importance of wheels that can conduct electricity stands out, protecting equipment and users against electrostatic discharges generated during the transport.

Electric conductivity on wheels and casters ensures a safe operation and is mission critical in areas of protection against explosion. Sectors of automotive, medical, pharmaceutical, electronic, and chemical industries, among others, require the use of dissipative products.

To meet the varied requirements of ESD projects, SCHIOPPA offers material options for the different product series, with the use of specific additives, to provide electric conductivity and flow off the static electricity created.

The options are provided below:



Reacts with free radicals at the molecular level, preventing the formation of static charges. Free of heavy metals, enables its use in the manufacturing of food packages, pharmaceutical products, and toys.

Surface Resistivity: 109 - 1011 ohms/in.

Materials: UP - NT - MOLDED POLYURETHANE - color on demand.

Durability: permanent



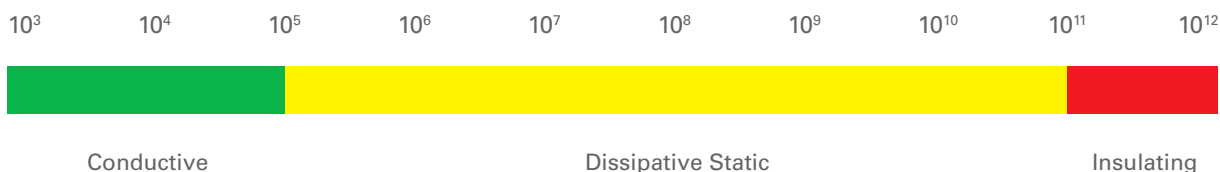
Conducts or dissipates electrostatic charges, which attract contaminants (dust/dirt), damage electronic circuits, and may cause sparks and electrical shocks.

Surface Resistivity: 103 - 105 ohms/in

Materials: NT/NTT - black

Durability: permanent

Resistivity Scale (ohms/in):



ANTIMICROBIAL

With an increasing demand for safer products for both health and environment, SCHIOPPA brings this specific solution that can be incorporated upon request to the product during the manufacturing process, which can eliminate microorganisms or prevent their proliferation throughout the product's useful life. Indicated for the medical & hospital, food, and pharmaceutical segments, as well as to any other applications that may require this protection.



Ideal for use wherever microbial growth must be avoided. Helps control the growth of fungi, mold, and odors.

It also protects against degradation and preserves wheels' appearance.

Materials: BP/UP/NT - core color Beige 7499C

Durability: permanent

CASTER MOUNTING ARRANGEMENTS



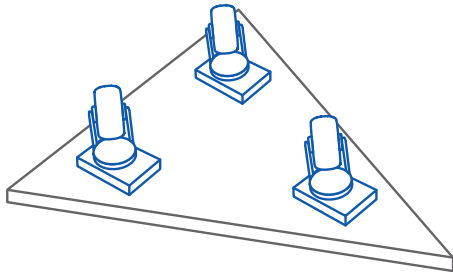
= Swivel



= Rigid

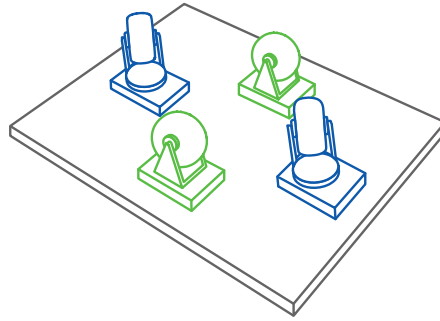
Three swivel casters

Used in small portable machines and equipments. Offers excellent swiveling and maneuvering in reduced areas.



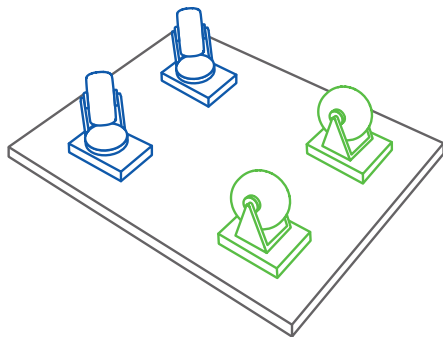
Two central rigid and two swivel casters

This system offers as key advantage, a smooth swiveling and precise maneuvering in small areas. It acts more efficiently when rigid casters are at least 5mm taller than the swivel ones. This mounting type is not recommended for ramps.



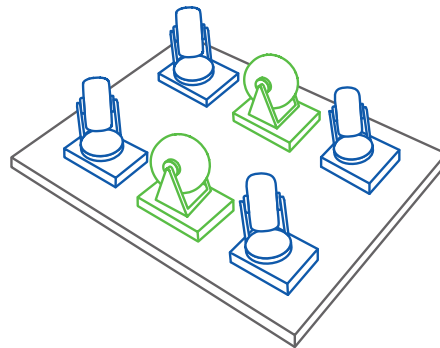
Two swivel and two rigid casters

This is the most used system. It offers an easy handling, in both short and long distances. Swivel casters must be mounted on the side where force is applied to the equipment.



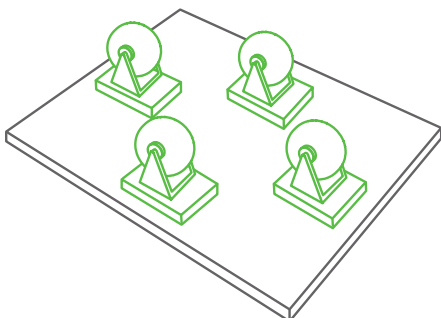
Four swivel and two rigid casters

Used in long carts and bulky loads. The rigid casters support the loads and allow a weight reduction on the swivel casters. Excelent to keep track in a straigth line for long distance. Performs precise maneuvers in limited areas. For better performance, it is recommended that the rigid central casters stay 5mm taller than the swivel ones.



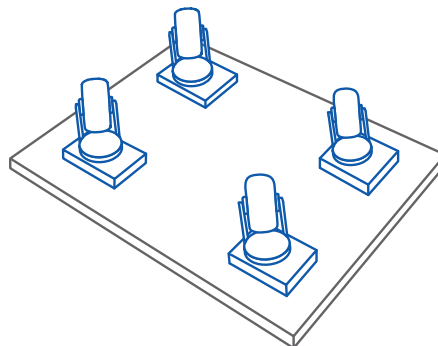
Four rigid casters

The most economical casters mounting option. It requires, however, a larger handling area. For a better performance, it is instructed that the rigid central casters stay 5mm taller. Not recommended for ramps.



Four swivel casters

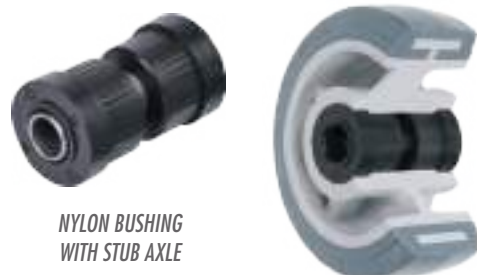
This mounting arrangement allows for maximum maneuverability and the ability to move carts sideways. In order to get a better cart performance, it is recommended to use two casters with directional swivel lock, delivering a straight line tracking.



BEARING TYPES

NYLON BUSHING

Nylon injected, it resists to water and corrosion. Used for light motion, low speed, and short-distance applications. Provides excellent durability and smooth rolling. No maintenance needed.



NYLON BUSHING
WITH STUB AXLE

ROLLER BEARINGS

Intended for general use, where there is application of medium loads with regular motion and manual driving. Made of carbon steel and the axle diameter size is provided in inches. Due to its simple operation, rollers are indicated for all types of flat floors.



ROLLER BEARINGS WITH
PLASTIC CAGE



ROLLER BEARINGS WITH
METALLIC CAGE



ROLLER BEARINGS
WITH COVER

BALL BEARINGS

Withstands medium and heavy loads under axial and radial force. Appropriate for heavy use and high speeds. Supplied with single sealing for high-temperature wheels, allowing for lubrication. Also available with double sealing. Intended for any type of constant-use, manually- and mechanically-driven loads. Provides smooth, quiet rolling. Axle diameter size is always provided in millimeters.



BALL BEARING WITH
STUB AXLE



METAL BUSHING

Avoids side locking between fork and wheel and direct friction between wheel and axle, which provides smooth rolling and a longer caster lifespan. Intended for different wheel types and sizes.



METAL BUSHING FOR
ROLLER BEARINGS



METAL BUSHING FOR
BALL BEARINGS

BRONZE BUSHING

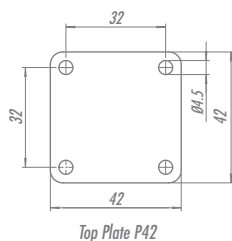
Made of bronze, requires minimal maintenance. Resistant to salt, chemical, and high and low temperatures. Intended for use in severe environments and/or with limited access, such as walk-in freezers, industrial furnaces, greenhouses, constant exposure to dampness and salty breeze in coastal areas, among others. Provided upon request.



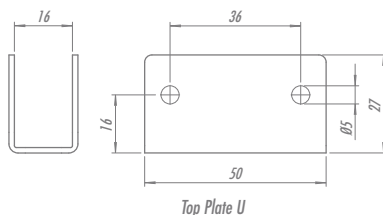
BRONZE BUSHING WITH
METAL BUSHING

TOP PLATES

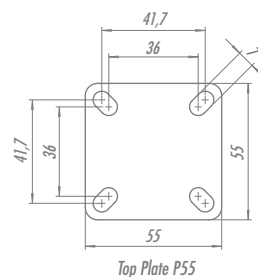
DECORATIVE • BALL
COLORGEL • CITRUS • LA10



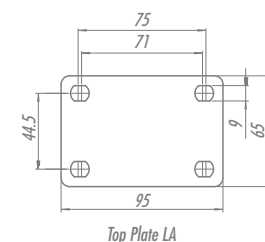
DECORATIVE



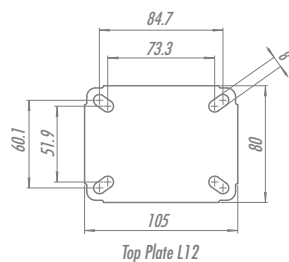
STILUS • ZAFIRA • DIAMOND



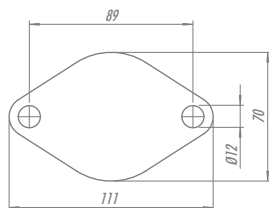
ZAFIRA • FUTURA • EVOLUTION • DIAMOND
L10 TWIN 310 • L12 • FREEZER



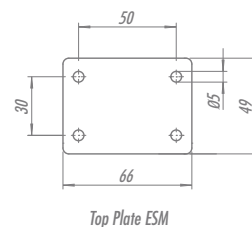
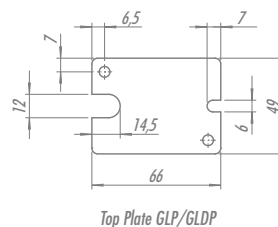
ZAFIRA • FUTURA • EVOLUTION • DIAMOND
L10 TWIN 310 • L12 • L14



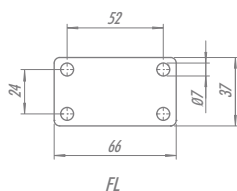
CARGO SKY



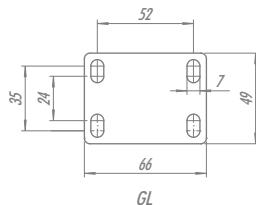
FREEZER



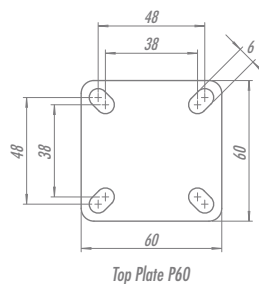
L10 RIGID



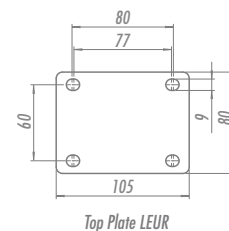
L10 SWIVEL • COLORGEL 400
CITRUS 410



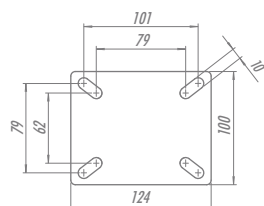
L10 TWIN 210 • L10 • FREEZER



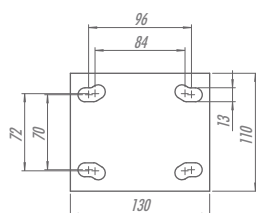
L12 • L14



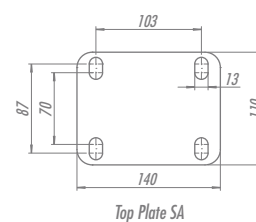
L14 • L16



S14 • S16 • GS • GSC • TRIPLEX S

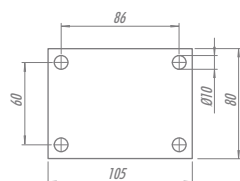


GSA

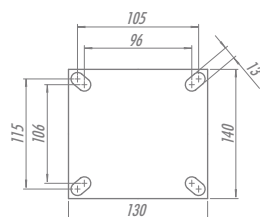


TOP PLATES

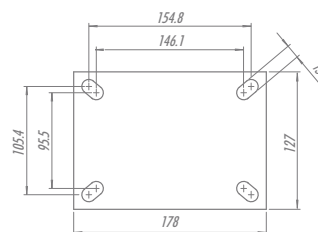
GMW • GPKX



GMA • GM • GMC • MX
ERGONOMIC • CMX 52/62 • TRIPLEX MX

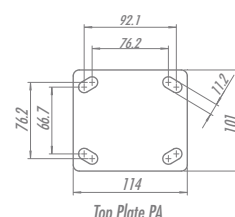


GM • MX



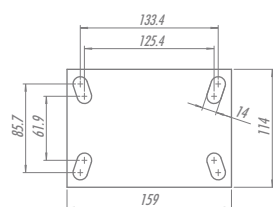
Top Plate MO-MX0

GS • ERGONOMIC • TRIPLEX

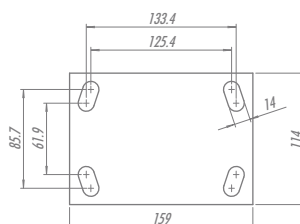


Top Plate PA

ERGONOMIC

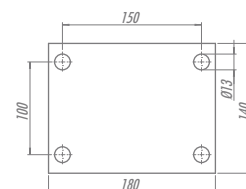


ERGONOMIC HEAVY

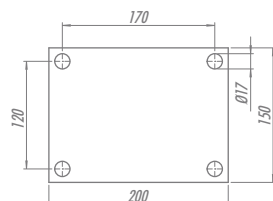


Top Plate KMPA

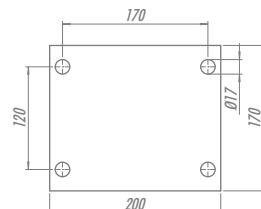
ERGONOMIC HEAVY • MPX • CMX 82/102



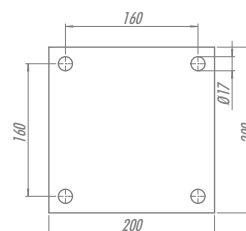
PX • CPX 83/103/123 • PCX • PMX



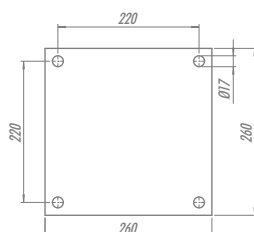
PEX • ERX



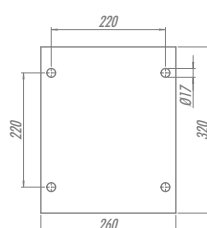
CPX 124 • YPEX 63 to 123



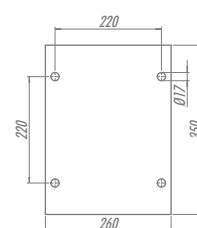
YPEX 64 to 124 • DOLLY GDE/GDERX



DOLLY FDE/FDERX 123/124



DOLLY FDE 165/205



SWIVEL SECTIONS

DECORATIVE



BALL/COLORGEL/CITRUS/LA10



STILUS



DIAMOND



ZAFIRA 100



ZAFIRA 125



FUTURA



EVOLUTION



AGILE



LUMINA



EVIDENCE



AVANTECH SINGLE



AVANTECH TWIN



GSTRS



GSTRE



SHOPPING CART LE/LER



CARGO SKY



L10



L10 TWIN 210



L12/L10 TWIN 310



SWIVEL SECTIONS

L14/L16



GSA-GMA



GS-GM



GSC-GMC



GMS



GMSV



GMW



GPKX



CMX 52-62/MX/MPX



ERGONOMIC



ERGONOMIC HEAVY



PCX/PMX



CPX/PX/PEX



CMX 82-102



YPEX



GDE



DERX



BRAKE TYPES



F - INJECTED PEDAL BRAKE
Decorative Series
Tread Lock Brake



SL - SIDE LOCK PEDAL BRAKE
Ball Series
Tread Lock Brake



FP - PEDAL BRAKE
Colorgel Series 200/300
Tread Lock Brake



F - PEDAL BRAKE
Stilus Series
Tread Lock Brake



FP - PEDAL BRAKE
Diamond Series
Total Lock Brake



FP - PEDAL BRAKE
Zafira Series
Total Lock Brake



FP - PEDAL BRAKE
Futura Series
Total Lock Brake



FP - PEDAL BRAKE
Evolution Series
Total Lock Brake



DA - PEDAL BRAKE ON/OFF
Evidence and Lumina Series
Total Lock Brake



FF(AU)/RTR C - AUTOMATIC BRAKE
Escalator Shopping Cart Series
Tread Lock Brake



FPI - INJECTED PEDAL BRAKE
Colorgel, Citrus and L10 Series
Tread Lock Brake



FP - PEDAL BRAKE
Colorgel, Citrus, Freezer and L10 Series
Tread Lock Brake



SL - SIDE LOCK PEDAL BRAKE
L12 Series
Tread Lock Brake



G - PEDAL BRAKE
L12 Series
Total Lock Brake



G - PEDAL BRAKE
L14-S14 and L16 Series
Total Lock Brake



FP - PEDAL BRAKE
Waste Disposal and GSA-GMA Series
Total Lock Brake



G - PEDAL BRAKE
L16 Series - 8"
Total Lock Brake



S - PEDAL BRAKE
L16 Series - 9" and 10"
Total Lock Brake



GB - PEDAL BRAKE - Available only for 5" and 6" casters
GS-GM, GSC-GMC and MX Series
Tread Lock Brake



FP - PEDAL BRAKE
GS-GM, GSC-GMC, MX, ERGONOMIC and CMX Series
Tread Lock Brake



FPD - DOUBLE PEDAL BRAKE ON-OFF
GS-GM, GSC-GMC, MX, ERGONOMIC and CMX Series
Tread Lock Brake



SL - SIDE LOCK PEDAL BRAKE
ERGONOMIC Series
Tread Lock Brake



FPR - PEDAL BRAKE
MPX, PX, PEX Series
Tread Lock Brake



FP - PEDAL BRAKE
ERGONOMIC HEAVY, MPX, PX and PEX Series
Tread Lock Brake



FP - PEDAL BRAKE
PCX and PMX Series
Tread Lock Brake



FL - SIDE LOCK BRAKE GSA-GMA, GS-GM, GSC-GMC, MX, ERGONOMIC, MPX, PX, PEX, YGP/PEX and DE/DERX Series
Tread Lock Brake

SEGMENTS



AIRPORT INDUSTRY - AUTOMOTIVE - AUTO PARTS - AUDIOVISUAL - FOOD INDUSTRY
DISPLAYS - INSTITUTIONAL - FURNITURE INDUSTRY - INDUSTRIAL CARTS
WASTE DISPOSAL - HOTEL INDUSTRY - MEDIUM AND HEAVY DUTY - CLEANING
HOSPITAL INDUSTRY - SUPERMARKET INDUSTRY - PALLET JACKS - INDUSTRY



CASTERS






DECORATIVE

Load capacity up to 40kg

Rig made of reinforced polypropylene structure. Swiveling is done by a central ball point. Crimp wheel axle.



NPP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C)
Manufactured with a single-injection recyclable polypropylene copolymer. Indicated for light loads, it rolls very easily, requires low handling effort, resists deformation under static loads, and offers an excellent cost-benefit ratio. It presents good resistance to chemicals and moderate impact. The recommended traveling speed is up to 4km/h.

Swivel Caster	Swivel Caster With Brake	 (mm)	 (mm)	 KG	 (mm)	 (mm)
Reference						
DCPR 50 PP P42	DCPR 50 PP F P42	50	52	40	80	58

Fittings/Accessories

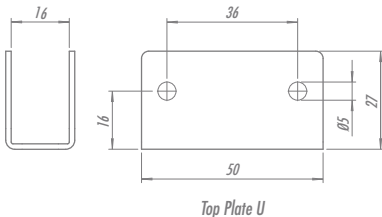
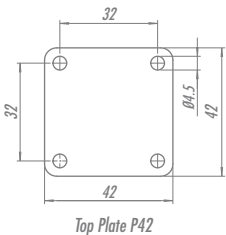


Top Plate	Top Plate	Grip Ring Stem Ø7/16" X 20mm	Nylon Socket Ø10mm x 28mm	Nylon Socket Ø12mm x 28mm	Nylon Socket Ø15mm x 32mm	Threaded Stem 3/8" NC x 25mm
P 42	U	ELT	ELSH	ELSK	ELSJ	E38

PS: STEM FITTINGS: OVERALL HEIGHT IS 5MM TALLER.

Swivel Section Top Plates

Brake



F
Tread lock brake

BALL

Load capacity up to 40kg

Rig made of stamped steel with single ball raceway and a Chrome-Plated finish. Riveted wheel axle.



WHEEL TYPES	NP		BP		UP		GEL	
	Polypropylene		PVC		Polyurethane		Transparent PVC	
	65 Shore D		80 Shore A		90 Shore A		90 Shore A	



NP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C)

Injected wheel manufactured with a recyclable polypropylene copolymer tread and core. Indicated for light and medium loads, it rolls very easily and requires low handling effort. Its has good resistance to chemicals, moderate impact, and deformation under static loads, which demonstrate an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Swivel Caster With Brake	Reference							
		(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake SL (mm)
GLBP 210 NP CR	GLBP 210 NP CR SL	50	47	1/4"	Plain Bearing	40	65	47	62

Fittings/Accessories



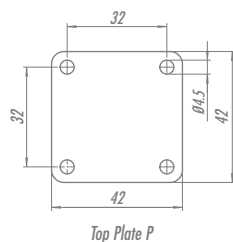
Top Plate	Threaded Stem		Plain Stem	Grip Ring Stem	Nylon Socket			
	3/8" NC x 25mm	3/8" NC x 50mm	Ø7/16" x 50mm	Ø7/16" X 20mm	Ø10mm x 28mm	Ø12mm x 28mm	Ø15mm x 32mm	See table below
P	E	EX	EL	ELT	ELSH	ELSK	ELSJ	S

PS: STEM FITTINGS: OVERALL HEIGHT IS 3MM TALLER.

Swivel Section



Top Plate



Brake



NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	40X40

COLORGEL

Load capacity up to 60kg










Rig made of stamped steel with single ball raceway and a zinc-plated finish. Riveted wheel axle.

Rigs also available in chrome-plated finish.



COLORGEL WHEEL - Transparent Thermoplastic Compound. Hardness: 90 Shore A. (-10°C to +50°C)

Injected with recyclable thermoplastic compound in several colors and acrylic core. Ideal for furniture, it rolls very easily, and requires low handling effort. It has good resistance to chemicals, moderate impact, and deformation under static loads, which demonstrate an excellent cost-benefit ratio.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FPI (mm)	 w/ brake FP (mm)
Reference											
GLAP 100 GEL	-	R 100 GEL	35	24	1/4"	Plain Bearing	30	48	32	-	-
GLAP 210 GEL	FLAP 210 GEL	R 210 GEL	50				40	65	43	70	53
GLAP 310 GEL	FLAP 310 GEL	R 310 GEL	75				50	92	56	84	56
GLAP 410 GEL	-	R 410 GEL	100				60	122	90	-	115

*Add the color wheel at the end of the reference.

Fittings/Accessories

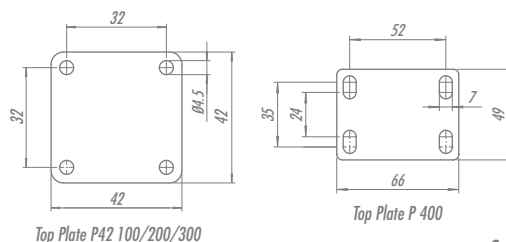
							
Top Plate	Threaded Stem 3/8"NC X 25mm	Threaded Stem 3/8"NC X 50mm	Plain Stem Ø7/16" X 50mm	Nylon Socket Ø10mm X 28mm	Nylon Socket Ø12mm x 28mm	Nylon Socket Ø15mm x 32mm	Nylon Socket See table below
AP	AE	AEX	AEL	ALSH	ALSK	ALSJ	S

PS: STEM FITTINGS: OVERALL HEIGHT IS 3MM TALLER FOR 100/200/300 CASTERS.

Swivel Section



Top Plates



Brake Options



NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	Ø40X40

Wheel Colors



CITRUS








Load capacity up to 60kg

Rig made of stamped steel with single ball raceway and a Chrome-Plated finish. Riveted wheel axle.



CITRUS WHEEL - Polyethylene. Hardness: 65 Shore D. (-20°C a +70°C)

Injected with a polyethylene tread and polypropylene copolymer wheel center with several combinations of colors. Indicated for furniture, it rolls very easily, requires low handling effort, resistant to deformation under static loads, with an excellent cost-benefit ratio. This wheel offers a good resistance to chemicals and moderate impacts. Produced with recycled materials.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FPI (mm)	w/ brake FP (mm)
MGAP 210 CITRUS	MFAP 210 CITRUS	R 210 CITRUS	50	19	1/4"	Plain Bearing	40	65	43	70	-
MGAP 310 CITRUS	MFAP 310 CITRUS	R 310 CITRUS	75				50	92	56	84	-
MGAP 410 CITRUS	-	R 410 CITRUS	100				60	122	90	-	115

*Add the wheel color at the end of reference. Ex: MGAP 210 Citrus Orange.

Fittings/Accessories



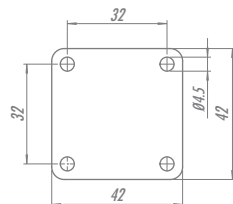
Top Plate	Threaded Stem 3/8"NC X 25mm	Threaded Stem 3/8"NC X 50mm	Plain Stem Ø7/16" X 50mm	Nylon Socket Ø10mm X 28mm	Nylon Socket Ø12mm x 28mm	Nylon Socket Ø15mm x 32mm	Nylon Socket See table below
AP	AE	AEX	AEL	ALSH	ALSK	ALSJ	S

PS: STEM FITTINGS: OVERALL HEIGHT IS 3MM TALLER FOR 200/300 CASTERS.

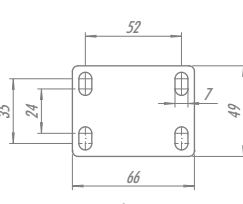
Swivel Section



Top Plates



Top Plate P42 210/310



Top Plate P 410

Brake Options



FPI 210/310
Tread Lock Brake



FP 410
Tread Lock Brake

Wheel Colors

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	40X40



Green



Blue



Pink



Purple



White



Orange



Acrylic

STILUS

Load capacity up to 70kg

Rig structure made of Nylon 6 reinforced with fiberglass. Riveted wheel axle.











BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C)

Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

NP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C)

Injected wheel manufactured with a recyclable polypropylene copolymer tread and core. Indicated for light and medium loads, it rolls very easily and requires low handling effort. It has good resistance to chemicals, moderate impact, and deformation under static loads, which demonstrate an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Swivel Caster With Brake	SIZE							
		 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake F (mm)
STG E38 75 BP	STG E38 75 BP F	75	54	5/16"	Plain Bearing	60	93	70	92
STC E38 75 NP	STC E38 75 NP F								
STP E38 75 NP	STP E38 75 NP F								
STG E38 100 BP	STG E38 100 BP F	100	57	5/16"	Plain Bearing	70	122	93	116
STC E38 100 NP	STC E38 100 NP F								
STP E38 100 NP	STP E38 100 NP F								

Finishings



Ref.	RIG	WHEEL	THREAD GUARD	BRAKE
STG	Ice	Gray	Ice	Ice
STC	Black	Black	Chrome-Plated	Black
STP	Black	Black	Black	Black

Fittings/Accessories

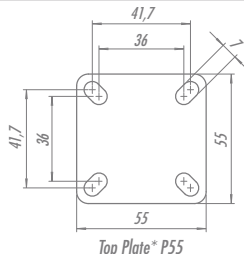
				
Top Plate P55	Threaded Stem See Table Below E	Grip Ring Stem Ø7/16" X 20mm ELT	Nylon Socket Ø15mm X 32mm ELB	Nylon Socket See table below S

PS: TOP PLATE FITTING: OVERALL HEIGHT IS 4MM TALLER.

Swivel Section



Top Plate



Brake



THREADED STEM FITTING	
REFERENCE	SIZE (mm)
E38	3/8" ww x 25mm
E516	5/16" ww x 25mm
E10	M10 x 25mm
E12	M12 x 25mm
E1/2	1/2" NC x 25mm

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	Ø40X40



FP
Total Lock Brake,
Locking the Wheel and
the Swivel Section

DIAMOND

Load capacity up to 100kg

Rig structure made of Nylon 6 with ball bearing in the swivel section.



TB WHEEL - Thermoplastic Rubber. Hardness: 80 Shore A. (-20°C to +70°C)

Manufactured with thermoplastic rubber on a polypropylene copolymer core. This non-marking wheel offers excellent floor protection, soft and quiet rolling, smooth handling and maneuverability, impact resistance, a low deformation index under load, and excellent abrasion resistance. It also has great resistance to inclement weather and compounds such as salt, and grease. The recommended traveling speed is up to 4km/h.

Swivel Caster	Swivel Caster With Brake								
Reference		(mm)	(mm)	(mm)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GD E12 100 TBE	GD E12 100 TBE FP	100	73	10	Ball Bearing	100	119	82	106

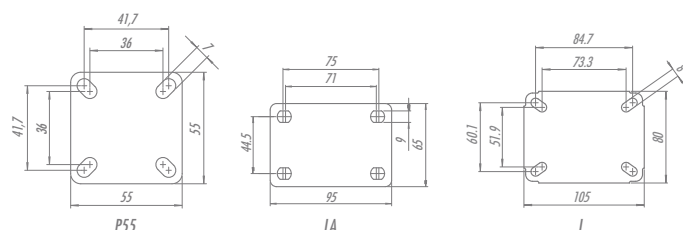
Swivel Section



Fittings/Accessories

Top Plate	Threaded Stem	Plain Stem	Nylon Socket
See below	See table below	See table below	See table below
	E	GDEL	S

Top Plates



Colors



THREADED STEM FITTING	
REFERENCE	SIZE (mm)
E38	3/8" NC x 25mm
E10	M10 x 25mm
E12	M12 x 25mm
E1/2	1/2" NC x 25mm

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	Ø40X40

ZAFIRA

Load capacity up to 100kg

RIG 100: Nylon 6 with a single ball raceway.

RIG 125: Nylon 6 with a ball bearing in the raceway.



FP
Total Lock Brake,
Locking the Wheel and
the Swivel Section.

BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C)

Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.



WHEEL TYPES

BP
PVC
85 Shore A

SP
Soft Rubber
65 Shore A

TB
Thermoplastic
Rubber
80 Shore A

UP
Polyurethane
90 Shore A

Swivel Caster	Swivel Caster With Brake	Reference	(mm)	(mm)	(mm)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GZT E12 100 BP	GZT E12 100 BP FP		100	58	10	Plain Bearing	80	125	80	90
GZT E12 100 BPE	GZT E12 100 BPE FP					Ball Bearing				
GZT E12 125 BPE	GZT E12 125 BPE FP		125	67			100	148	105	120

Fittings/Accessories

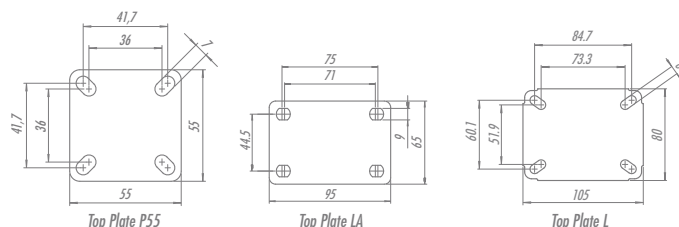
Top Plate	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket
See table below	See table below	See table below	See table below	See table below	See table below	See table below
E	1/2"NC x 64mm	EX	EA	EXN2	GZT EL	S

PS: TOP PLATE FITTING: OVERALL HEIGHT IS 3MM TALLER.

Swivel Section

Top Plates

Brake



THREADED STEM FITTING	RUBBER EXPANDING ADAPTER	ALUMINUM EXPANDING ADAPTER	NYLON EXPANDING ADAPTER	NYLON SOCKET FITTING
REFERENCE	REFERENCE	REFERENCE	REFERENCE	REFERENCE
SIZE (mm)	SIZE (mm)	SIZE (mm)	SIZE (mm)	SIZE (mm)
E38	EX1	EA2	EXN2	S1
E10	EX2			S2
E12	EX3			S3
E1/2	EX4	EA4	M10 x 75 mm STEM	S4
	EX5			

AGILE

Load capacity up to 170kg

Rig made of internal structure in stamped plate with zinc-plated finish, double ball raceway and covered with Nylon 6 injected parts.











G
Total Lock Brake,
Locking the Wheel and
the Swivel Section.



BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to + 50°C)

Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Swivel Caster With Brake	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake G (mm)
Reference										
GLE CGE 412 BP	GLE CGE 412 BP G	R 412 BP	100	32	5/16"	Plain Bearing	65	134	80	107
GLE CGE 412 BPE	GLE CGE 412 BPE G	R 412 BPE				Ball Bearing	100			

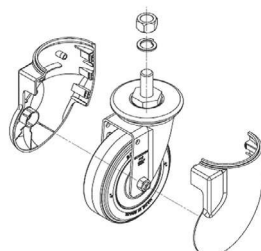
Swivel Section



Wheel Types

						
BPE	TBE	SPE	TPE	UPE	NPE	NTE
 100	 100	 85	 100	 125	 125	 170

Assembly Drawing



Colors

					
CBR - White	CAZ - Blue	CCC - Gray	CGE - Ice	CVD - Green	CRO - Pink

Fittings/Accessories



Threaded Stem
1/2"NC X 25mm

LE



Threaded Stem
1/2"NC X 64mm

LEX



Rubber Expander

See table below

EX



Aluminum Expander

See table below


EA





Nylon Expander

See table below

EXN2

RUBBER EXPANDING ADAPTER 	
REFERENCE	SIZE (mm)
EX1	18-21
EX2	21-24
EX3	25-28
EX4	27-30
EX5	37-40

ALUMINUM EXPANDING ADAPTER 	
REFERENCE	SIZE (mm)
EA2	21-27
EA4	27-33

NYLON EXPANDING ADAPTER 	
REFERENCE	SIZE (mm)
EXN2	21,5-26,7
M10 x 75 mm STEM	

FUTURA

Load capacity up to 100kg

Rig made of Nylon 6 with 30% of fiberglass and ball bearing in the swivel section.



FP
Total Lock Brake,
Locking the Wheel and
the Swivel Section.



BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C)

Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Wheel Types

BP
PVC
85 Shore A



SP
Soft Rubber
65 Shore A











TB
Thermoplastic
Rubber
80 Shore A



UP
Polyurethane
90 Shore A



Swivel Caster	Swivel Caster With Brake	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)
Reference									
GNE 312 BPE	GNE 312 BPE FP	75	32	5/16"	Ball Bearing	60	113	75	98
GNE 412 BPE	GNE 412 BPE FP	100				80	134	78	
GNE 512 BPE	GNE 512 BPE FP	125				100	161	108	108

Fittings/Accessories

Top Plates		Threaded Stem		Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Stem Side Fitting
GNA *	GN **	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
See below		GNE	GNEX	EX	EA	EXN2	GNEL	S	GNEL

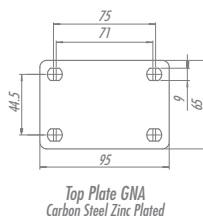
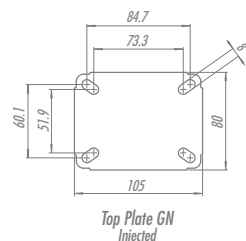
* GNA: OVERALL HEIGHT IS 3MM TALLER.

** GN: OVERALL HEIGHT IS 6MM TALLER.

Swivel Section




Top Plates





Colors





Ice
Gray (standard)
Black
Brake: Red (standard). Check other options.

RUBBER EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EX1	18-21	
EX2	21-24	
EX3	25-28	
EX4	27-30	
EX5	37-40	

ALUMINUM EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EA2	21-27	
EA4	27-33	

NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

STEM SIDE FITTING		
REFERENCE	SIZE (mm)	
GNEL1	Ø19 x 45	
GNEL2	Ø21,5 x 45	
GNEL3	Ø22 x 45	
GNEL4	Ø25 x 45	
GNEL5	Ø28 x 45	

EVOLUTION

Load capacity up to 130kg

Rig made of Nylon 6 with 30% of fiberglass and ball bearing in the swivel section



FP - Total Lock Brake, Locking the Wheel and the Swivel Section.

BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C)

Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.



Wheel Types

BP
PVC
85 Shore A



SP
Soft Rubber
65 Shore A



TB
Thermoplastic Rubber
80 Shore A



UP
Polyurethane
90 Shore A



Swivel Caster	Swivel Caster With Brake	Rigid Caster	(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
Reference										
GNRE 412 BPE	GNRE 412 BPE FP	FNRP 412 BPE	100	32	5/16"	Ball Bearing	100	156	88	115
GNRE 512 BPE	GNRE 512 BPE FP	-	125					181	102	125
GNRE 612 BPE	GNRE 612 BPE FP	-	150					209	120	125
GNRE 812 BPE	GNRE 812 BPE FP	-	200	35			130	251	167	167

Fittings/Accessories

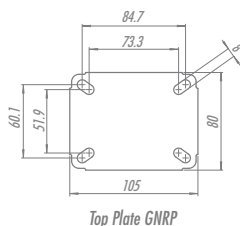
Top Plate	Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Stem Side Fitting
	13mm	GNRE: 1/2"NC X 30mm	GNREX: 1/2"NC X 67mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
See below	GNRES	GNRE 812: 1/2"NC X 33mm	GNREX 812: 1/2"NC X 70mm	EX	EA	EXN2	GNREL	S	GNREL

PS: TOP PLATE FITTING: OVERALL HEIGHT IS 16MM LOWER.

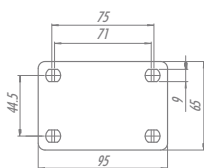
Swivel Section

Top Plates

Colors



Top Plate GNRP



Top Plate GNRPA



Ice (standard)

Gray

Graphite

Black

Brake: Red (standard). Check other options.

RUBBER EXPANDING ADAPTER		45
REFERENCE	SIZE (mm)	
EX1	18-21	
EX2	21-24	
EX3	25-28	
EX4	27-30	
EX5	37-40	

ALUMINUM EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EA2	21-27	
EA4	27-33	

NYLON EXPANDING ADAPTER		70
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		43
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

STEM SIDE FITTING		MB
REFERENCE	SIZE (mm)	
GNREL1	Ø19 x 45	
GNREL2	Ø21,5 x 45	
GNREL3	Ø22 x 45	
GNREL4	Ø25 x 45	
GNREL5	Ø28 x 45	

NEW AVANTECH

Load capacity up to 150kg

Rig's internal structure made of steel covered with injected parts. The design makes cleaning easy, as the thermoplastic material complies with stringent cleaning requirements. The central locking system selects the caster's free swivel, total lock or directional lock position. Contains ball bearings in the swivel section and wheels.

UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C)

Manufactured with recyclable thermoplastic elastollan polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.









NEW AVANTECH



AVANTECH



Reference	 (mm)	 (mm)	 (mm)	Wheel Bearings	Stem	Brake Turn Angle	Rig Type	 KG	 (mm)	 (mm)
NEW AVTS 5 UPE E28.50 GL	125	32	-	Single	E28.50	-	Swivel	150	158	100
NEW AVTS 5 UPE E28.100 G30 FT					E28.100	30°	Total Lock			
NEW AVTS 5 UPE E28.100 G30 DF							Directional Lock			
NEW AVTS 5 UPE E28.100 G45 FT						45°	Total Lock			
NEW AVTS 5 UPE E28.100 G45 DF							Directional Lock			
NEW AVTS 5 UPE E32.50 GL	125	32	-		E32.50	-	Swivel		158	100
NEW AVTS 5 UPE E32.50 G30 FT					E32.50	30°	Total Lock			
NEW AVTS 5 UPE E32.50 G30 DF							Directional Lock			
NEW AVTS 5 UPE E32.50 G45 FT						45°	Total Lock			
NEW AVTS 5 UPE E32.50 G45 DF							Directional Lock			
NEW AVTS 6 UPE E28.50 GL	150	32	-		E28.50	-	Swivel		183	117
NEW AVTS 6 UPE E28.100 G30 FT					E28.100	30°	Total Lock			
NEW AVTS 6 UPE E28.100 G30 DF							Directional Lock			
NEW AVTS 6 UPE E28.100 G45 FT						45°	Total Lock			
NEW AVTS 6 UPE E28.100 G45 DF							Directional Lock			
NEW AVTS 6 UPE E32.50 GL	150	32	-		E32.50	-	Swivel		183	117
NEW AVTS 6 UPE E32.50 G30 FT					E32.50	30°	Total Lock			
NEW AVTS 6 UPE E32.50 G30 DF							Directional Lock			
NEW AVTS 6 UPE E32.50 G45 FT						45°	Total Lock			
NEW AVTS 6 UPE E32.50 G45 DF							Directional Lock			
NEW AVTS 8 UPE E28.50 GL	200	35	-		E28.50	-	Swivel		230	160
NEW AVTS 8 UPE E28.100 G30 FT					E28.100	30°	Total Lock			
NEW AVTS 8 UPE E28.100 G30 DF							Directional Lock			
NEW AVTS 8 UPE E28.100 G45 FT						45°	Total Lock			
NEW AVTS 8 UPE E28.100 G45 DF							Directional Lock			
NEW AVTS 8 UPE E32.50 GL	200	35	-		E32.50	-	Swivel		230	160
NEW AVTS 8 UPE E32.50 G30 FT					E32.50	30°	Total Lock			
NEW AVTS 8 UPE E32.50 G30 DF							Directional Lock			
NEW AVTS 8 UPE E32.50 G45 FT						45°	Total Lock			
NEW AVTS 8 UPE E32.50 G45 DF							Directional Lock			
AVTD 150 UPE E28.50 GL	150	-	80	Twin	E28.50	-	Swivel	175	128	
AVTD 150 UPE E28.100 G30 FT					E28.100	30°	Total Lock			
AVTD 150 UPE E28.100 G30 DF							Directional Lock			
AVTD 150 UPE E28.100 G45 FT						45°	Total Lock			
AVTD 150 UPE E28.100 G45 DF							Directional Lock			
AVTD 150 UPE E32.50 GL	150	-	80		E32.50	-	Swivel		175	128
AVTD 150 UPE E32.50 G30 FT					E32.50	30°	Total Lock			
AVTD 150 UPE E32.50 G30 DF							Directional Lock			
AVTD 150 UPE E32.50 G45 FT						45°	Total Lock			
AVTD 150 UPE E32.50 G45 DF							Directional Lock			

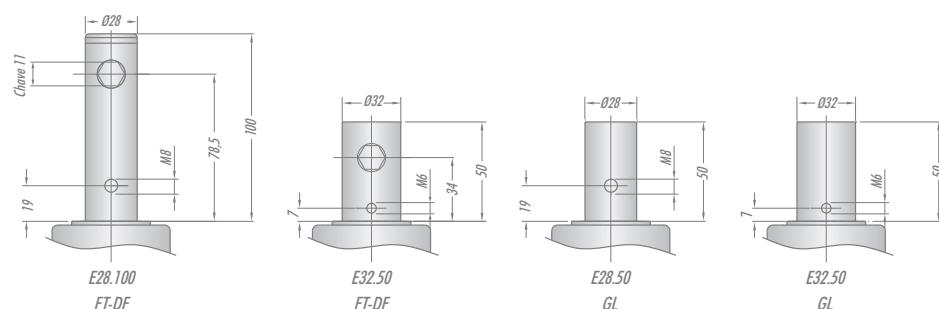
Colors



COLORS		
REF.	RIG	CAP
GAZ	Ice	Blue
GCC		Gray
GGE		Ice
GVD		Green
GRS		Pink

Add the color code to the end of the reference

Fittings

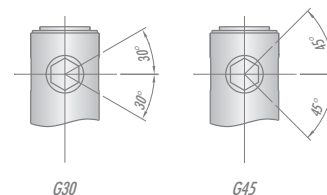


FT Total Lock

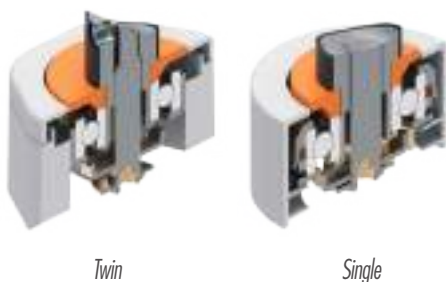
DF Directional Lock

GL Swivel

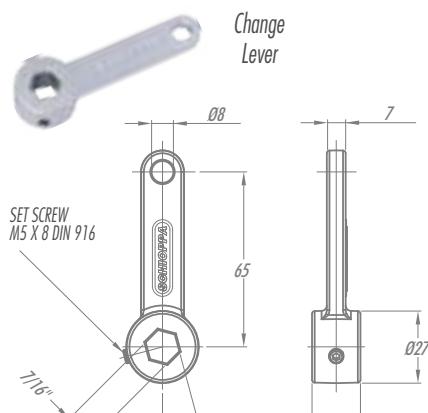
Brake Turn Angle



Swivel Section



Accessories



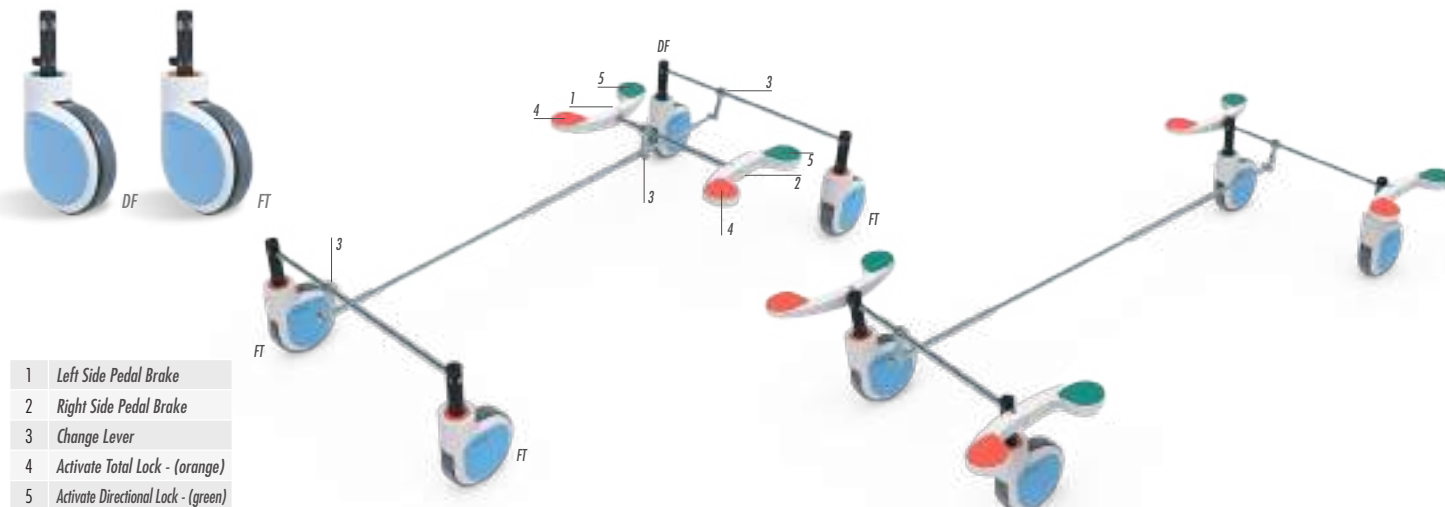
Central locking pedal brake

AVANTECH
Metallic

NEW AVANTECH
Injected

*Available in Right and Left versions
Standard: 30° - Optional: 45°

Assembling Drawing



LUMINA

Load capacity up to 150kg

Internal structure made of steel lined with injected parts in order to reduce dust entry and make cleaning easy without taking caster out of service. It has a modern brake system with simple acting and two pedals. ON for acting and OFF for releasing.











DA ON/OFF
Total Lock Brake,
Locking the Wheel and
the Swivel Section.



UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C)

Manufactured with recyclable thermoplastic elastollan polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Swivel Caster With Brake	 (mm)	 (mm)	 (pol)			 (mm)	 w/o brake (mm)	 w/ brake DA (mm)
Reference									
GLNE 125 UPE	GLNE 125 UPE DA	125	32	1/2"	Ball Bearing	150	168	100	114
GLNE 150 UPE	GLNE 150 UPE DA	150					196	117	117

Fittings/Accessories

					
Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Stem Side Fitting
1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	See table below
GLNE	GLNEX	EX	EA	GLNEL	S

PS: STEM SIDE FITTING: OVERALL HEIGHT IS 10MM LOWER.





Swivel Section



Brake



DA - On/Off Pedal Brake
Total Lock Brake

RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON SOCKET FITTING 		STEM SIDE FITTING 	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)
EX1	18-21	EA2	21-27	S1	Ø38	GLNEL1	Ø19 x 45
EX2	21-24			S2	Ø30	GLNEL2	Ø21,5 x 45
EX3	25-28			S3	Ø25	GLNEL3	Ø22 x 45
EX4	27-30	EA4	27-33	S4	40 x 40	GLNEL4	Ø25 x 45
EX5	37-40					GLNEL5	Ø28 x 45

EVIDENCE

Load capacity up to 150kg









Internal structure made of steel lined with injected parts in order to reduce dust entry and make cleaning easy without taking caster out of service. It has a modern brake system with simple acting and two pedals. ON for acting and OFF for releasing.



UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C)

Manufactured with recyclable thermoplastic elastomer polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.

DA ON/OFF
Total Lock Brake,
Locking the Wheel and
the Swivel Section.

Swivel Caster	Swivel Caster With Brake	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake DA (mm)
Reference									
GHE 125 UPE	GHE 125 UPE DA	125	32	1/2"	Ball Bearing	150	158	100	114
GHE 150 UPE	GHE 150 UPE DA	150					183	117	117
GHE 200 UPE	GHE 200 UPE DA	200	35				229	160	160

Fittings/Accessories

Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Stem Side Fitting
1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
GHE	GHEX	EX	EA	GHEL	S	GHEL

PS: STEM SIDE FITTING: OVERALL HEIGHT IS 10MM LOWER.





Swivel Section



Brake



DA - On/Off Pedal Brake
Total Lock Brake

RUBBER EXPANDING ADAPTER			ALUMINUM EXPANDING ADAPTER			NYLON SOCKET FITTING			STEM SIDE FITTING		
REFERENCE	SIZE (mm)		REFERENCE	SIZE (mm)		REFERENCE	SIZE (mm)		REFERENCE	SIZE (mm)	
EX1	18-21		EA2	21-27		S1	Ø38		GHEL1	Ø19 x 45	
EX2	21-24					S2	Ø30		GHEL2	Ø21,5 x 45	
EX3	25-28					S3	Ø25		GHEL3	Ø22 x 45	
EX4	27-30		EA4	27-33		S4	40 x 40		GHEL4	Ø25 x 45	
EX5	37-40								GHEL5	Ø28 x 45	

GSTR

STR - SPECIAL THERMOPLASTIC RUBBER

Load capacity up to 250kg









Rig made of stamped steel with precision ball bearing in the swivel section, zinc-plated finish. Bolted wheel axle.



STR WHEEL - Thermoplastic Rubber. Hardness: 70 Shore A. (-20°C to +70°C). Manufactured with recyclable thermoplastic rubber on a polypropylene copolymer core. The tread profile has a grooved pattern that allows greater grip on indoor and outdoor flooring. It provides smooth, quiet running, excellent floor protection and chemical resistance, great wear and impact resistance. The recommended traveling speed is up to 4km/h.

STR BPE WHEEL - Thermoplastic Compound with PVC. Hardness: 85 Shore A. (-10°C to +50°C).

STR SPE WHEEL - Extra Soft Thermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C).

Swivel Caster	Swivel Caster With Brake								
Reference		(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GSTRE 62 STRE	GSTRE 62 STRE FP	150	50	1/2"	Ball Bearing	250	183	131	190

Wheel Types



	STRE	STRE BPE	STRE SPE
HARDNESS	70 Shore A	85 Shore A	65 Shore A
TEMPERATURE	-20°C to +70°C	-10°C to +50°C	-10°C to +50°C

Fittings/Accessories



	Hole Center	Hole Center	Threaded Stem	Threaded Stem
	20mm	13mm	1/2" NC X 32mm	1/2" NC X 64mm
REFERENCE	GSTRS	GSTRES	GSTRE	GSTREX
	Overall Height: 177mm	Overall Height: 177mm		

Swivel Section

Brake



GSTRS



GSTRE

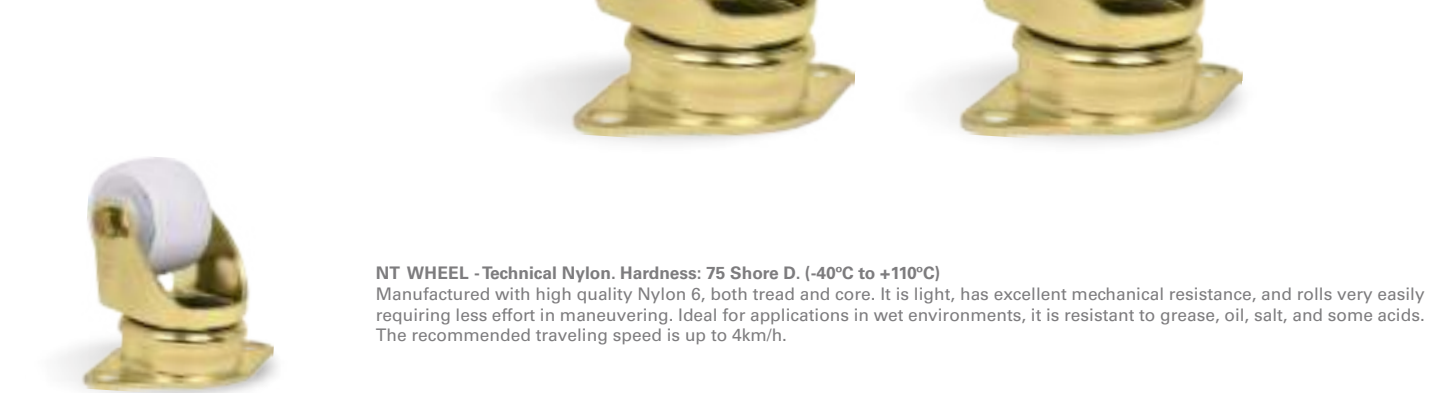


FP
Pedal Brake









CARGO SKY

Load capacity up to 250kg

Rig made of stamped steel plate, yellow zinc-plated finish, with the ball bearing in the totally sealed swivel section to avoid dust penetration.
Excellent resistance to impact.



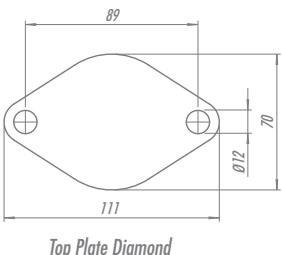
NT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C)
Manufactured with high quality Nylon 6, both tread and core. It is light, has excellent mechanical resistance, and rolls very easily requiring less effort in maneuvering. Ideal for applications in wet environments, it is resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Reference	 (mm)	 (mm)	 (mm)	 (mm)		 KG	 (mm)	 (mm)
GLUP 214 NTE	57	35	8	45	Ball Bearing	250	96	55
GLUP 314 NTE	70						102	61

Swivel Section



Top Plate



FREEZER

Load capacity up to 150kg

Stamped rig with double ball raceway, white zinc-plated and yellow zinc-plated finishing.



GL 158 N

GLE 158 N



N R36

N



Z



NPP

N WHEEL – Fiberglass-Reinforced Nylon. Hardness: 80 Shore D (-40°C to +180°C).

Manufactured with Nylon 6 reinforced with fiberglass. Ideal for use in high and low temperature applications. It is lightweight and has great mechanical resistance, rolls very easily and requires low effort for maneuvers and movement. Resistant to greases, oils, salts and some types of acids.









Z WHEEL - Zamak. Hardness: 115 Brinell. (-40°C to +180°C).

Manufactured with zamak, it rolls very easily and provides great reduction on push-pull force. It is very resistant and supports high loads and temperatures. They are not recommended for use when noise level and floor conservation are required.

NPP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C).

Manufactured with a single-injection recyclable polypropylene copolymer. Indicated for light loads, it rolls very easily, requires low handling effort, resists deformation under static loads, and offers an excellent cost-benefit ratio. It presents good resistance to chemicals and moderate impact. The recommended traveling speed is up to 4km/h.



Swivel Caster	Swivel Caster With Brake								
Reference		(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake (mm)
GL 158 N R36	-	36	15	1/4"	Plain Bearing	120	56	42	-
GL 158 N	-	41	17				58	44	-
GL 158 Z	-								
GLE 210 N HUS	GLE 210 N FP HUS	50	19	5/16"		120	67	45	78
GLE 212 NPP ESPIGA 3/8"	GLE 212 NPP SL ESPIGA 3/8"	64	32				86	64	77

Fittings



Threaded Stem
3/8" NC X 10mm

LE 10



Threaded Stem
3/8" NC X 16mm

LE 16



Threaded Stem
3/8" NC X 25mm

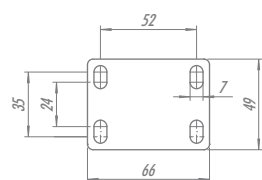
LE



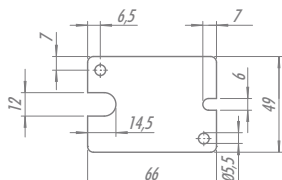
Threaded Stem
1/2" NC X 40mm

LE HUS

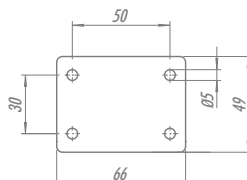
Top Plates



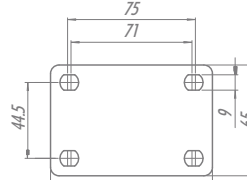
Top Plate GL/GLD
*Optional for 158/210 Casters



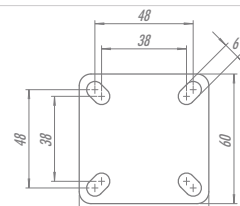
Top Plate GLP/GLDP
*Optional for 158/210 Casters



Top Plate ESM
*Optional for 158/210 Casters



Top Plate LA
*Optional for 158/210/212 Casters



Top Plate P60
*Optional for 158/210 Casters

FREEZER

Load capacity up to 120kg

Stamped rig with double ball raceway, white zinc-plated and yellow zinc-plated finishing.



GLDP 210 NP



GLD 158 N FP R 36



N R36

N











NP

N WHEEL – Fiberglass-Reinforced Nylon. Hardness: 80 Shore D (-40°C to +180°C).

Manufactured with Nylon 6 reinforced with fiberglass. Ideal for use in high and low temperature applications. It is lightweight and has great mechanical resistance, rolls very easily and requires low effort for maneuvers and movement. Resistant to greases, oils, salts and some types of acids.

NP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C).

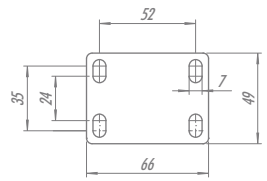
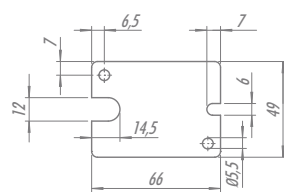
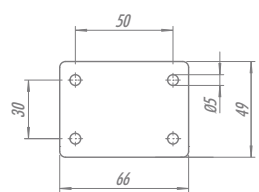
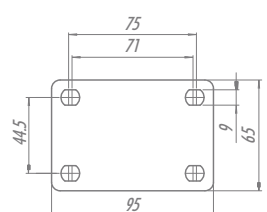
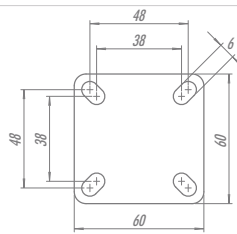
Injected wheel manufactured with a recyclable polypropylene copolymer tread and core. Indicated for light and medium loads, it rolls very easily and requires low handling effort. Its has good resistance to chemicals, moderate impact, and deformation under static loads, which demonstrate an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster		Swivel Caster With Brake								
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake (mm)
	GLD 158 N R36	GLD 158 N FP R36	36	36	1/4"	Plain Bearing	120	56	42	62
	GLD 158 N	-	41	38				58	44	-
	GLDP 210 NP	GLDP 210 NP FPI	50	43	1/4"	Plain Bearing	100	72	49	78

Fittings

			
Threaded Stem 3/8" NC X 10mm	Threaded Stem 3/8" NC X 16mm	Threaded Stem 3/8" NC X 25mm	Threaded Stem 1/2" NC X 40mm
LE 10	LE 16	LE	LE 1/2" X 40mm

Top Plates

				
Top Plate GL/GLD *Optional for 158/210 Casters	Top Plate GLP/GLDP *Optional for 158/210 Casters	Top Plate ESM *Optional for 158/210 Casters	Top Plate LA *Optional for 158/210/212 Casters	Top Plate P60 *Optional for 158/210 Casters

SHOPPING CART CASTERS

Reinforced rig, made of stamped steel plate and swivel head with double ball raceway, zinc-plated finish. Bolted wheel axle.

BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C)

Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core, with thread guards and sealed ball bearings. To be used on a flat floor.

RTR WHEEL - Thermoplastic Polyurethane Hardness: 60 Shore D. (-20°C to +70°C)









Manufactured with thermoplastic polyurethane, with thread guards and sealed ball bearings. To be used on escalators.

AU WHEEL - Thermoplastic Polyurethane Hardness: 60 Shore D. (-20°C to +70°C)








Manufactured with thermoplastic polyurethane, with thread guards and sealed ball bearings. To be used on escalators.

LR - REINFORCED










Swivel Caster	Swivel Caster With Brake	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake (mm)
Reference										
GLER 412 BPE	GLER 412 BPE G	R 412 BPE	100	32	5/16"	Ball Bearing w/ Thread Guards	100	126	80	107
GLER 512 BPE	GLER 512 BPE G	R 512 BPE	125				115	156	105	122



Swivel Caster with Automatic Brake	Swivel Caster with Automatic Brake Pads	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference									
GLER 412 RTR	-	R 412 RTR	100	32	5/16"	Ball Bearing w/ Thread Guards	100	126	80
GLER 512 RTR	GLER 512 RTR C	R 512 RTR	125					156	105



Swivel Caster with Automatic Brake Pads	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference								
GLER 512 AU FF	R 512 AU	125	32	5/16"	Ball Bearing w/ Thread Guards	100	156	105

FOR GRAY COLOR - ADD "CZ" TO THE END OF THE REFERENCE

SEE THE AU BRAKE PAD OPTIONS TABLE

SHOPPING CART CASTERS

Rig made of stamped steel plate and swivel head with double ball raceway, zinc-plated finish. Bolted wheel axle.

BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C)

Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core, with thread guards and sealed ball bearings. To be used on a flat floor.

RTR WHEEL - Thermoplastic Polyurethane Hardness: 60 Shore D. (-20°C to +70°C)









Manufactured with thermoplastic polyurethane, with thread guards and sealed ball bearings. To be used on escalators.

AU WHEEL - Thermoplastic Polyurethane Hardness: 60 Shore D. (-20°C to +70°C)








Manufactured with thermoplastic polyurethane, with thread guards and sealed ball bearings. To be used on escalators.

L - LIGHT DUTY










Swivel Caster	Swivel Caster With Brake	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake (mm)
Reference										
GLE 312 BPE	GLE 312 BPE G	R 312 BPE	75	32	5/16"	Ball Bearing w/ Thread Guards	60	103	71	107
GLE 412 BPE	GLE 412 BPE G	R 412 BPE	100				100	126	80	107
GLE 512 BPE	GLE 512 BPE G	R 512 BPE	125				115	156	105	122



Swivel Caster with Automatic Brake	Swivel Caster with Automatic Brake Pads	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference									
GLE 412 RTR	-	R 412 RTR	100	32	5/16"	Ball Bearing w/ Thread Guards	100	126	80
GLE 512 RTR	GLE 512 RTR C	R 512 RTR	125					156	105



Swivel Caster with Automatic Brake Pads	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference								
GLE 512 AU FF	R 512 AU	125	32	5/16"	Ball Bearing w/ Thread Guards	100	156	105

SEE THE AU BRAKE PAD OPTIONS TABLE

SHOPPING CART CASTERS








Rig structure made of Nylon 6.0 with ball bearing in the swivel section.

BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C)
Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core, with thread guards and sealed ball bearings. To be used on a flat floor.








RTR WHEEL - Thermoplastic Polyurethane Hardness: 60 Shore D. (-20°C to +70°C)
Manufactured with thermoplastic polyurethane, with thread guards and sealed ball bearings. To be used on escalators.

NRE - INJECTED




Swivel Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference								
GNRE 412 BPE	R 412 BPE GNR	100	32	5/16"	Ball Bearing w/ Thread Guards	100	156	88
GNRE 512 BPE	R 512 BPE GNR	125					181	102



Swivel Caster with Automatic Brake	Swivel Caster with Automatic Brake Pads	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference									
GNRE 412 RTR	GNRE 412 RTR C	R 412 RTR GNR	100	32	5/16"	Ball Bearing w/ Thread Guards	100	156	88
GNRE 512 RTR	GNRE 512 RTR C	R 512 RTR GNR	125					181	102

Fittings

		
Threaded Stem 1/2" NC x 25mm	Threaded Stem 1/2" NC x 64mm	Lock Stem for NRE Serie Ø22 x 42mm
LE	LEX	GNRM

Swivel Section

	
GLE/GLER	GNRE

WASTE DISPOSAL

PMP

WHEEL FOR 120L, 240L AND 360L PLASTIC WASTE CONTAINER



R PMP 200







R PMP 250

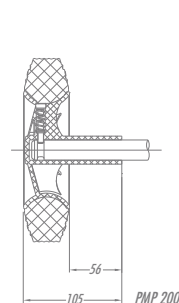


R PMP 300

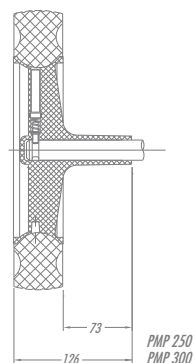
PMP WHEEL – Solid Tire – Polypropylene Core Hardness: 80 Shore A. (-20°C to +70°C)

Manufactured with a solid rubber tread on an injected polypropylene core. This wheel is designed for uneven floors, where easy handling, impact absorption, and vibration damping are required. Easy maintenance.

Wheel				
Reference	(mm)	(mm)	(mm)	KG
R PMP 200	200	50	21,5	140
R PMP 250	250	52		220
R PMP 300	300			



PMP 200



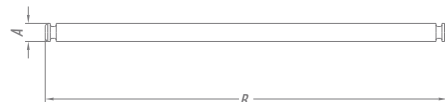
PMP 250
PMP 300



SOLID



TUBULAR



MOST USED AXLES

Diameter (A) (mm)	Axle Length (B) (mm)
21,5	445
	460
	475
	485
	495
	555
	595

Available in tubular or solid axles.

PMN

CASTER FOR 700L AND 1000L PLASTIC WASTE CONTAINER










GSA 82 PMN



GSA 82 PMN FP

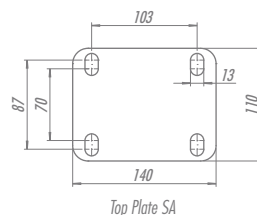
FP
Total Lock Brake,
Locking the Wheel and
the Swivel Section.

Swivel Caster	Swivel Caster With Brake	Wheel							
Reference			(mm)	(mm)	(pol)		KG	(mm)	(mm)
GSA 82 PMN	GSA 82 PMN FP	R 82 PMN	200	50	1/2"	Plain Bearing	140	240	155

Swivel Section



Top Plate



Top Plate SA








GMC

CASTER FOR 1000L AND 1200L METALLIC WASTE CONTAINER



GMC 63 BE

B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

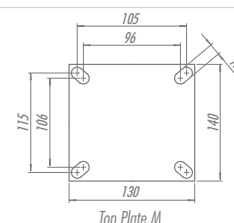
Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference									
GMC 63 CB	FMC 63 CB	R 63 CB	150	60	1/2"	Plain Bearing	300	196	121
GMC 63 BR	FMC 63 BR	R 63 BR		70		Roller Bearing			
GMC 63 BE	FMC 63 BE	R 63 BE				Ball Bearing			

It is provided with zerk fitting for lubrication when assembled with roller bearings or on request.

Swivel Section



Top Plate



GMSV/GMS/GMPX

CASTER FOR 1000L AND 1200L METALLIC WASTE CONTAINER










GMSV 63 CB



GMS 63 CB



GMPX 63 BR

Swivel Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference								
GMSV 63 CB	R 63 CB	150	60	3/4"	Plain Bearing	300	211	130
GMS 63 CB	R 63 CB							
GMS 63 BR	R 63 BR		70		Roller Bearing	400	218	115
GMPX 63 BR	R 63 BR							

It is provided with zerk fitting for lubrication when assembled with roller bearings or on request.

Swivel Section



GMSV

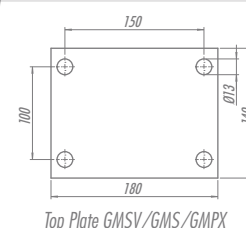


GMS



GMPX

Top Plate



Top Plate GMSV/GMS/GMPX

BUSINESS MACHINE CASTERS

Load capacity up to 500kg

GS - GM 316


Rig made of reinforced stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle..



P - Molded Polyurethane

NP - Polypropylene


NT - Technical Nylon










P WHEEL - Molded Polyurethane.
Hardness: 90 Shore A. (-40°C to + 80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.



NT WHEEL - Technical Nylon.
Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with high quality Nylon 6, both tread and core. It is light, has excellent mechanical resistance, and rolls very easily requiring less effort in maneuvering. Ideal for applications in wet environments, it is resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.



NP WHEEL - Polypropylene.
Hardness: 65 Shore D. (-20°C to +70°C). Injected wheel manufactured with a recyclable polypropylene copolymer tread and core. Indicated for light and medium loads, it rolls very easily and requires low handling effort. Its has good resistance to chemicals, moderate impact, and deformation under static loads, which demonstrate an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference					75	43	1/2"	Ball Bearing	500	105	60
GS 316 PE	FS 316 PE	GM 316 PE	FM 316 PE	R 316 PE				Nylon Bushing			
GS 316 NTN	FS 316 NTN	GM 316 NTN	FM 316 NTN	R 316 NTN				Ball Bearing			
GS 316 NTE	FS 316 NTE	GM 316 NTE	FM 316 NTE	R 316 NTE				Nylon Bushing			
GS 316 NPN	FS 316 NPN	GM 316 NPN	FM 316 NPN	R 316 NPN				Ball Bearing	250		
GS 316 NPE	FS 316 NPE	GM 316 NPE	FM 316 NPE	R 316 NPE							

Fittings/Accessories



Hole Center 13mm	Threaded Stem		Long Stem
SES	1/2"NC X 32mm	1/2"NC X 64mm	Ver tabela abaixo
	SE	SEX	ME


Brake

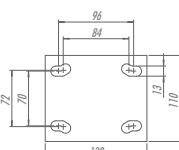


FL
Tread Lock Brake

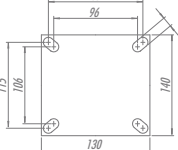
Swivel Section

Top Plates

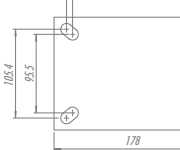




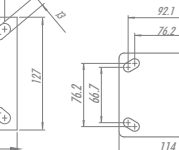
Top Plate S



Top Plate M



Top Plate MO



Top Plate PA

LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

BUSINESS MACHINE CASTERS

Load capacity up to 500kg

GMW 316

Rig made of reinforced stamped steel plate with a double ball raceway in the swivel section and a zinc-plated finish. Bolted wheel axle.










P - Molded Polyurethane



NP - Polypropylene



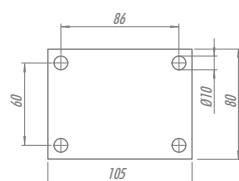
NT - Technical Nylon

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference									
GMW 316 PE	FMW 316 PE	R 316 PE	75	43	1/2"	Ball Bearing	500	102	61
GMW 316 NTN	FMW 316 NTN	R 316 NTN				Nylon Bushing			
GMW 316 NTE	FMW 316 NTE	R 316 NTE				Ball Bearing			
GMW 316 NPN	FMW 316 NPN	R 316 NPN				Nylon Bushing	250		
GMW 316 NPE	FMW 316 NPE	R 316 NPE				Ball Bearing			

Swivel Section

Top Plate

Brake



FL
Tread Lock Brake

BUSINESS MACHINE CASTERS

Load capacity up to 500kg

GPKX 316

Rig made of reinforced stamped steel plate with a double ball raceway in the swivel section and painted finish. Bolted wheel axle.



P - Molded Polyurethane










NP - Polypropylene



NT - Technical Nylon

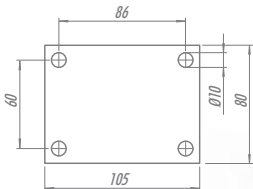


Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 (mm)
Reference									
GPKX 316 PE	FPKX 316 PE	R 316 PE	75	43	1/2"	Ball Bearing	500	110	56
GPKX 316 NTN	FPKX 316 NTN	R 316 NTN				Nylon Bushing			
GPKX 316 NTE	FPKX 316 NTE	R 316 NTE				Ball Bearing			
GPKX 316 NPN	FPKX 316 NPN	R 316 NPN				Nylon Bushing	250		
GPKX 316 NPE	FPKX 316 NPE	R 316 NPE				Ball Bearing			

Swivel Section

Top Plate

Brake



Top Plate GPKX



FL
Tread Lock Brake


TRIPLEX

Load capacity up to 900kg

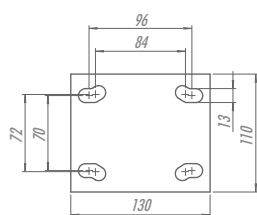
Developed for applications demanding maneuverability in small areas, such as stage equipment in movie and TV studios, in theaters, and in industries with challenging mobility applications.

Triplex casters are equipped with polyurethane tread on a cast iron wheels and nylon wheels, allowing for smooth, low rolling resistance from a dead start.

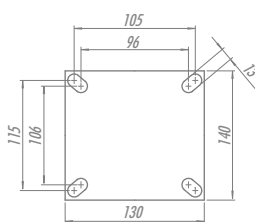


Reference	 (mm)	 (mm)	Wheel Types	Hardness		 KG	 (mm)	 Outer Circumference	
TRIPLEX S 312 NTE-ITT	75	32	Reinforced Nylon (black)	80 Shore D	Ball Bearing	450	133	320	
TRIPLEX S 312 PE			Polyurethane on the Cast Iron Core	90 Shore A					
TRIPLEX S 312 NTE			Nylon	75 Shore D					
TRIPLEX S 412 NTE	100	38	Nylon	75 Shore D		510	155	365	
TRIPLEX MX 414 PE	100		Polyurethane on the Cast Iron Core	90 Shore A		900	172	496	
TRIPLEX MX 414 NTE			Nylon	75 Shore D					
TRIPLEX MX 514 PE	125		Polyurethane on the Cast Iron Core	90 Shore A			192	525	
TRIPLEX MX 514 NTE			Nylon	75 Shore D					

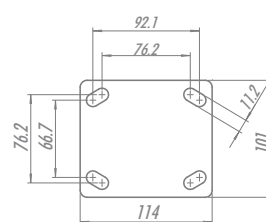
Top Plates



Top Plate S



Top Plate MX



Top Plate PA
(optional)



TRIPLEX S 312 NTE



TRIPLEX S 312 NTE-ITT



TRIPLEX S 312 PE









High Temperature - NHT

Fiberglass-Reinforced Thermoplastic Compound












NHT WHEEL - Fiberglass-reinforced Thermoplastic Compound. Hardness: 85 Shore D. (-20°C to +220°C). Manufactured with a fiberglass-reinforced engineering thermoplastic compound. Engineered for high and low temperature applications. It is lightweight, provides good mechanical resistance, and rolls easily — requiring less effort in maneuvering. Resistant to grease, oil, and some acids. The recommended traveling speed is up to 4km/h.










L10/L12/L14

Swivel Caster	Rigid Caster	Wheel								
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake (mm)
GL 210 NHT	FL 210 NHT	R 210 NHT	50	19	1/4"	Plain Bearing	50	67	45	-
GL 312 NHT	FL 312 NHT	R 312 NHT	75	32	5/16"		70	103	71	80
GL 412 NHT	FL 412 NHT	R 412 NHT	100				80	126	80	
GL 512 NHT	FL 512 NHT	R 512 NHT	125				100	156	105	
GL 414 NHT	FL 414 NHT	R 414 NHT	100				125	135	88	-
GL 414 NHTe	FL 414 NHTe	R 414 NHTe	125	38	7/16"	Ball Bearing	150	156	103	-
GL 514 NHT	FL 514 NHT	R 514 NHT				Plain Bearing				
GL 514 NHTe	FL 514 NHTe	R 514 NHTe				Ball Bearing				
GL 614 NHT	FL 614 NHT	R 614 NHT	150			Plain Bearing	175	178	118	-
GL 614 NHTF	FL 614 NHTF	R 614 NHTF				Ball Bearing				

S-M

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GS 52 NHT	FS 52 NHT	R 52 NHT	125	50	1/2"	Plain Bearing	300	165	100	167	152
GS 52 NHTe	FS 52 NHTe	R 52 NHTe				Ball Bearing					
GS 62 NHT	FS 62 NHT	R 62 NHT	Plain Bearing			400	196	121	187	167	
GS 62 NHTe	FS 62 NHTe	R 62 NHTe	Ball Bearing								
GM 52 NHT	FM 52 NHT	R 52 NHT	Plain Bearing			300	165	100	167	152	
GM 52 NHTe	FM 52 NHTe	R 52 NHTe	Ball Bearing								
GM 62 NHT	FM 62 NHT	R 62 NHT	Plain Bearing			400	196	121	187	167	
GM 62 NHTe	FM 62 NHTe	R 62 NHTe	Ball Bearing								

MX

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GMX 52 NHT	FMX 52 NHT	R 52 NHT	125	50	1/2"	Plain Bearing	300	183	106	170	158
GMX 52 NHTe	FMX 52 NHTe	R 52 NHTe				Ball Bearing					
GMX 62 NHT	FMX 62 NHT	R 62 NHT	Plain Bearing			400	205	123	183	169	
GMX 62 NHTe	FMX62 NHTe	R 62 NHTe	Ball Bearing								

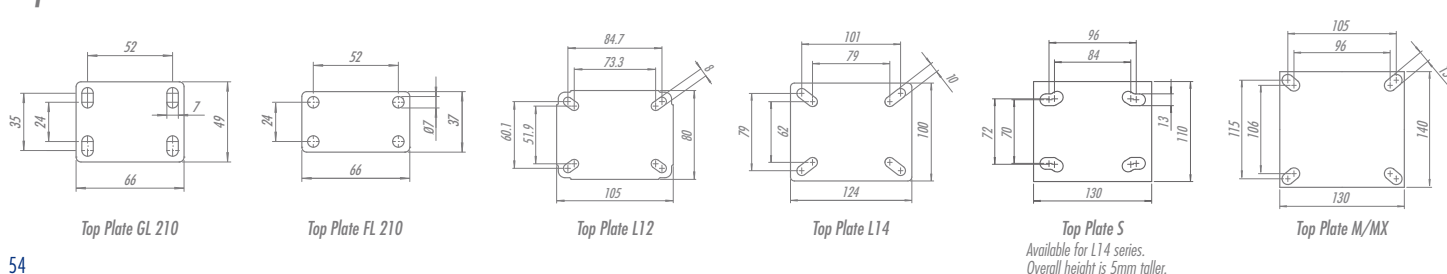
Fittings



Brake Options



Top Plates













High Temperature - NFV

Fiberglass-Reinforced Nylon












NFV WHEEL - Fiberglass-reinforced Nylon. Hardness: 80 Shore D. (-40°C to +180°C). Manufactured with fiberglass-reinforced Nylon 6.6. Indicated for high and low temperature applications. It is lightweight, provides good mechanical resistance, and rolls with minimal maneuvering resistance. Resistant to grease, oil, and some acids. The recommended traveling speed is up to 4km/h.










L10/L12/L14

Swivel Caster	Rigid Caster	Wheel								
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake (mm)
GL 210 NFV	FL 210 NFV	R 210 NFV	50	19	1/4"	Plain Bearing	80	67	45	-
GL 312 NFV	FL 312 NFV	R 312 NFV	75	32	5/16"		150	103	71	80
GL 412 NFV	FL 412 NFV	R 412 NFV	100				170	126	80	
GL 512 NFV	FL 512 NFV	R 512 NFV	125					156	105	
GL 414 NFV	FL 414 NFV	R 414 NFV	100	38	7/16"	Ball Bearing	200	135	88	-
GL 414 NFVE	FL 414 NFVE	R 414 NFVE					Plain Bearing	250	156	103
GL 514 NFV	FL 514 NFV	R 514 NFV	125			Ball Bearing				
GL 514 NFVE	FL 514 NFVE	R 514 NFVE				Plain Bearing	300	178	118	-
GL 614 NFV	FL 614 NFV	R 614 NFV	150							
GL 614 NFVE	FL 614 NFVE	R 614 NFVE								

S-M

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPD (mm)
Reference											
GS 52 NFV	FS 52 NFV	R 52 NFV	125	50	1/2"	Plain Bearing	500	165	100	167	152
GS 52 NFVE	FS 52 NFVE	R 52 NFVE				Ball Bearing					
GS 62 NFV	FS 62 NFV	R 62 NFV	Plain Bearing			600	196	121	187	167	
GS 62 NFVE	FS 62 NFVE	R 62 NFVE	Ball Bearing								
GM 52 NFV	FM 52 NFV	R 52 NFV	Plain Bearing			500	165	100	167	152	
GM 52 NFVE	FM 52 NFVE	R 52 NFVE	Ball Bearing								
GM 62 NFV	FM 62 NFV	R 62 NFV	Plain Bearing			600	196	121	187	167	
GM 62 NFVE	FM 62 NFVE	R 62 NFVE	Ball Bearing								

MX

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GMX 52 NFV	FMX 52 NFV	R 52 NFV	125	50	1/2"	Plain Bearing	500	183	106	170	158
GMX 52 NFVE	FMX 52 NFVE	R 52 NFVE				Ball Bearing					
GMX 62 NFV	FMX 62 NFV	R 62 NFV	Plain Bearing			600	205	123	183	169	
GMX 62 NFVE	FMX62 NFVE	R 62 NFVE	Ball Bearing								

Fittings



Threaded Stem

1/2"NC X 25mm

E

1/2"NC X 64mm

EX

Brake Options



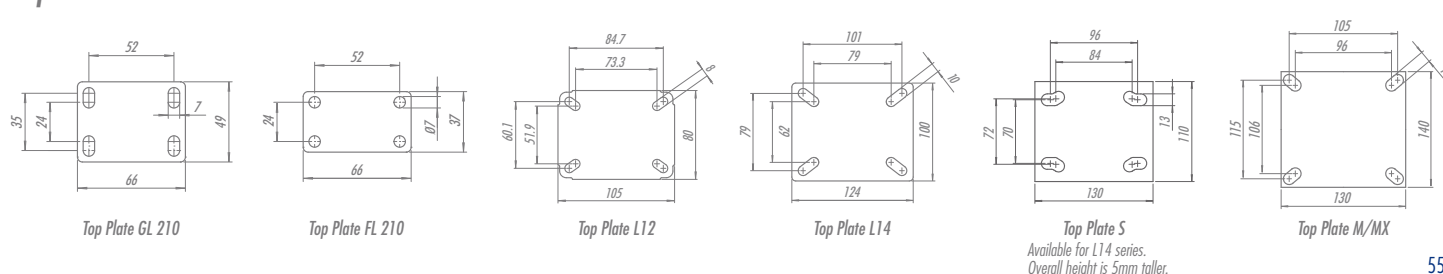
SL - Side Lock Wheel Brake
Available for L12 Series

FPD - On/Off Double Pedal Brake
Available for S-M and MX series

FP - Pedal Brake
Available for S-M and MX series

FL - Side Lock Wheel Brake
Available for L14, S-M and MX series

Top Plates



Top Plate GL 210

Top Plate FL 210

Top Plate L12

Top Plate L14

Top Plate S
Available for L14 series.
Overall height is 5mm taller.

Top Plate M/MX

LA 10

Load capacity up to 50kg









Made of stamped steel with single ball raceway and a zinc-plated finish. Rivetted wheel axl.

This series fits all thermoplastic wheels.



BP WHEEL -Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C)

Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel								
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FPI (mm)
GLAP 158 BP	-	R 158 BP	41	17	1/4"	Plain Bearing	35	57	40	-
GLAP 210 BP	FLAP 210 BP	R 210 BP	50	19			40	65	44	71
GLAP 310 BP	FLAP 310 BP	R 310 BP	75				50	92	56	84

Fittings/Accessories



Hole Center	Threaded Stem		Plain Stem	Nylon Socket			
8mm	3/8"NC X 25mm	3/8"NC X 50mm	Ø7/16" X 50mm	Ø10 X 28mm	Ø12 X 28mm	Ø15 X 32mm	See table below
AES	AE	AEX	AEL	ALSH	ALSK	ALSJ	S

PS: STEM FITTINGS: OVERALL HEIGHT IS 3MM TALLER.

Wheel Types

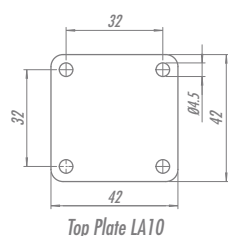


CODE	BP			SP			TB			TP			UP			NP			NPP			NT			NTT			NU		C	F
 (mm)	158	210	310	158	210	310	158	210	310	158	210	310	158	210	310	158	210	310	158	210	310	158	210	310	158	210	310	210	310	210	210
 KG	35	40	50	35	40	50	35	40	50	35	40	50	40	50	50	40	50	50	40	50	50	50	50	50	50	50	50	50	50	50	50

Swivel Section



Top Plate




Top Plate LA10

Brake



FPI
Available for
210 and 310.
Tread Lock Brake

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	



L10

BP - PVC










Load capacity up to 55kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C).

Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPI (mm)
GL 158 BP	-	R 158 BP	41	17	1/4"	Plain Bearing	35	57	41	-	-
GL 210 BP	FL 210 BP	R 210 BP	50	19			40	67	45	78	75
GL 310 BP	FL 310 BP	R 310 BP	75				50	92	65	94	89
GL 410 BP	-	R 410 BP	100				55	122	89	111	-

Fittings/Accessories

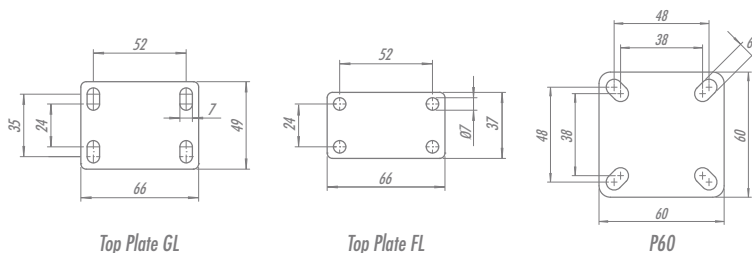


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

Swivel Section




Top Plates



Brake Options



NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

L10

SP - EXTRASOFT RUBBER

Load capacity up to 55kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



SP WHEEL - Extrasoft Thermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C).

Injected wheel manufactured with extrasoft thermoplastic rubber on a polypropylene copolymer core. It features an extremely low operating noise level and excellent vibration reduction. Indicated for light load handling, this non-marking wheel offers excellent floor protection and good resistance to impact and chemicals. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPI (mm)
GL 158 SP	-	R 158 SP	41	17	1/4"	Plain Bearing	35	57	41	-	-
GL 210 SP	FL 210 SP	R 210 SP	50	19			40	67	45	78	75
GL 310 SP	FL 310 SP	R 310 SP	75				50	92	65	94	89
GL 410 SP	-	R 410 SP	100				55	122	89	111	-

Fittings/Accessories

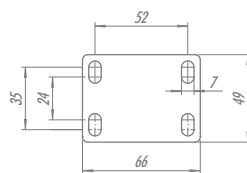


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

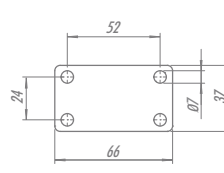
Swivel Section



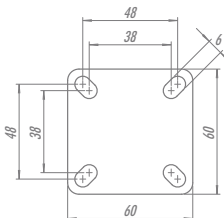
Top Plates



Top Plate GL



Top Plate FL



P60

Brake Options



NYLON EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EXN2	21,5-26,7
M10 x 75 mm STEM	

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	40 x 40

L10

TB - THERMOPLASTIC RUBBER










Load capacity up to 55kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



TB WHEEL - Thermoplastic Rubber. Hardness: 80 Shore A. (-20°C to +70°C).

Manufactured with thermoplastic rubber on a polypropylene copolymer core. This non-marking wheel offers excellent floor protection, soft and quiet rolling, smooth handling and maneuverability, impact resistance, a low deformation index under load, and excellent abrasion resistance. It also has great resistance to inclement weather and compounds such as salt, and grease. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPI (mm)
GL 158 TB	-	R 158 TB	41	17	1/4"	Plain Bearing	35	57	41	-	-
GL 210 TB	FL 210 TB	R 210 TB	50	19			40	67	45	78	75
GL 310 TB	FL 310 TB	R 310 TB	75				50	92	65	94	89
GL 410 TB	-	R 410 TB	100				55	122	89	111	-

Fittings/Accessories

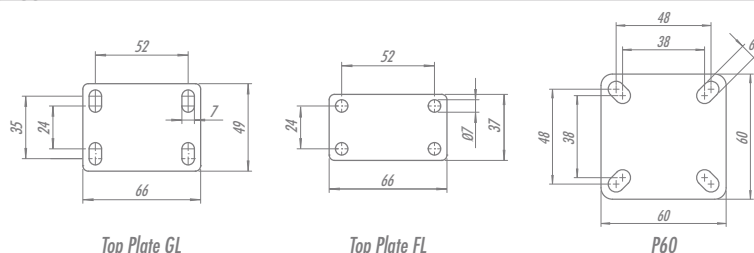


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

Swivel Section





Top Plates



Brake Options



NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

L10

TP - THERMOPLASTIC COMPOUND










Load capacity up to 55kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



TP WHEEL - Thermoplastic Compound. Hardness: 85 Shore A. (-10°C to +50°C).

Manufactured with a recyclable thermoplastic compound on a polypropylene copolymer core. It offers soft and quiet rolling, great floor protection, excellent chemical, wear, and impact resistance resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPI (mm)
GL 158 TP	-	R 158 TP	41	17	1/4"	Plain Bearing	35	57	41	-	-
GL 210 TP	FL 210 TP	R 210 TP	50	19			40	67	45	78	75
GL 310 TP	FL 310 TP	R 310 TP	75				50	92	65	94	89
GL 410 TP	-	R 410 TP	100				55	122	89	111	-

Fittings/Accessories

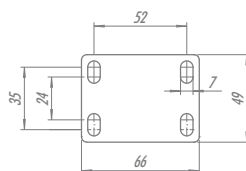


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

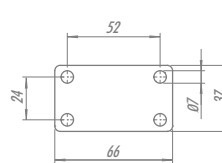
Swivel Section



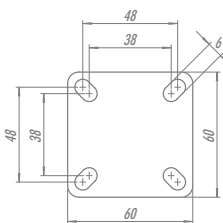
Top Plates



Top Plate GL



Top Plate FL




P60

Brake Options



NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

L10

UP - POLYURETHANE THERMOPLASTIC










Load capacity up to 70kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C).

Manufactured with recyclable thermoplastic elastomer polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPI (mm)
GL 158 UP	-	R 158 UP	41	17	1/4"	Plain Bearing	40	57	41	-	-
GL 210 UP	FL 210 UP	R 210 UP	50	50			67	45	78	75	
GL 310 UP	FL 310 UP	R 310 UP	75	19			60	92	65	94	89
GL 410 UP	-	R 410 UP	100	70			122	89	111	-	

Fittings/Accessories

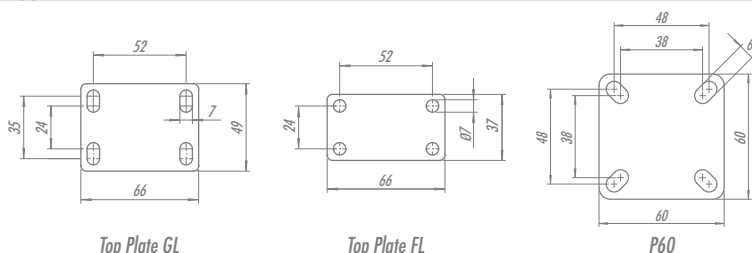


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

Swivel Section





Top Plates



Brake Options



NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

L10

NP - POLYPROPYLENE










Load capacity up to 70kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



NP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C).

Injected wheel manufactured with a recyclable polypropylene copolymer tread and core. Indicated for light and medium loads, it rolls very easily and requires low handling effort. Its has good resistance to chemicals, moderate impact, and deformation under static loads, which demonstrate an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPI (mm)
GL 158 NP	-	R 158 NP	41	17	1/4"	Plain Bearing	40	57	41	-	-
GL 210 NP	FL 210 NP	R 210 NP	50	19			50	67	45	78	75
GL 310 NP	FL 310 NP	R 310 NP	75				60	92	65	94	89
GL 410 NP	-	R 410 NP	100				70	122	89	111	-

Fittings/Accessories

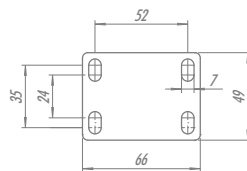


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

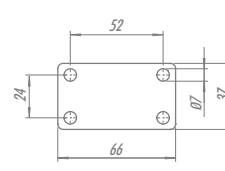
Swivel Section



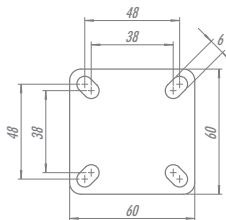
Top Plates



Top Plate GL




Top Plate FL




P60

Brake Options



NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

L10

NPP - POLYPROPYLENE










Load capacity up to 60kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



NPP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C).

Manufactured with a single-injection recyclable polypropylene copolymer. Indicated for light loads, it rolls very easily, requires low handling effort, resists deformation under static loads, and offers an excellent cost-benefit ratio. It presents good resistance to chemicals and moderate impact. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPI (mm)
GL 158 NPP	-	R 158 NPP	41	17	1/4"	Plain Bearing	40	57	41	-	-
GL 210 NPP	FL 210 NPP	R 210 NPP	50	19			50	67	45	78	75
GL 310 NPP	FL 310 NPP	R 310 NPP	75				60	92	65	94	89

Fittings/Accessories

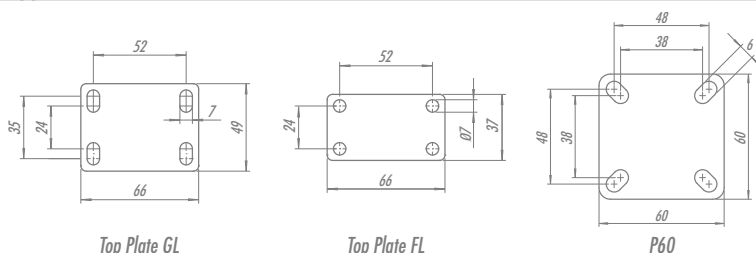


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

Swivel Section





Top Plates



Brake Options



NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

L10

NT - TECHNICAL NYLON










Load capacity up to 80kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



NT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C).

Manufactured with high quality Nylon 6, both tread and core. It is light, has excellent mechanical resistance, and rolls very easily requiring less effort in maneuvering. Ideal for applications in wet environments, it is resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)			(mm)	w/o broke (mm)	w/ broke FP (mm)	w/ broke FPI (mm)
GL 158 NT	-	R 158 NT	41	17	1/4"	Plain Bearing	80	57	41	-	-
GL 210 NT	FL 210 NT	R 210 NT	50	19				67	45	78	75
GL 310 NT	FL 310 NT	R 310 NT	75					92	65	94	89
GL 410 NT	-	R 410 NT	100					122	89	111	-

Fittings/Accessories

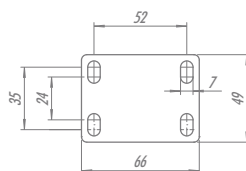


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

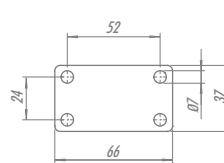
Swivel Section



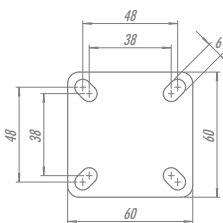
Top Plates



Top Plate GL



Top Plate FL




P60

Brake Options



NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	



L10

NTT - TECHNICAL NYLON






Load capacity up to 80kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



NTT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C).

Manufactured with single injection high quality Nylon 6. It is lightweight, provides good mechanical resistance, and rolls very easily requiring less effort in maneuvering. Under static loads, it is resistant to deformation. Ideal for applications in wet environments, it is also resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPI (mm)
GL 158 NTT	-	R 158 NTT	41	17	1/4"	Plain Bearing	80	57	41	-	-
GL 210 NTT	FL 210 NTT	R 210 NTT	50	19				67	45	78	75
GL 310 NTT	FL 310 NTT	R 310 NTT	75					92	65	94	89

Fittings/Accessories

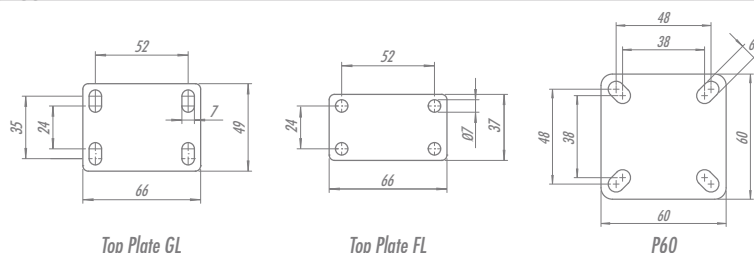


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

Swivel Section





Top Plates



Brake Options



NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

L10

NU - MOLDED POLYURETHANE










Load capacity up to 80kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



NU WHEEL - Molded Polyurethane on a Nylon Core. Hardness: 90 Shore A. (-40°C to +80°C).

Manufactured with molded polyurethane on an injected nylon core. The mechanical bond system ensures excellent resistance and service life. Ideal for applications on various surface and environment types. This wheel is lightweight, withstands high loads, protects the floor, requires low effort to handle, and produces a low operating noise level. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPI (mm)
GL 210 NU	FL 210 NU	R 210 NU	50	19	1/4"	Plain Bearing	60	67	45	78	75
GL 310 NU	FL 310 NU	R 310 NU	75				80	92	65	94	89
GL 410 NU	-	R 410 NU	100					122	89	111	-

Fittings/Accessories

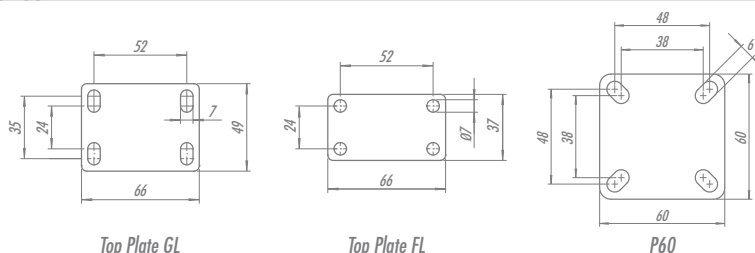


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

Swivel Section



Top Plates



Brake Options



NYLON EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EXN2	21,5-26,7
M10 x 75 mm STEM	

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	40 x 40

L10

C - PHENOLIC RESIN










Load capacity up to 80kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C).

Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPI (mm)
Reference											
GL 210 C	FL 210 C	R 210 C	50	19	1/4"	Plain Bearing	80	67	45	78	75

Fittings/Accessories

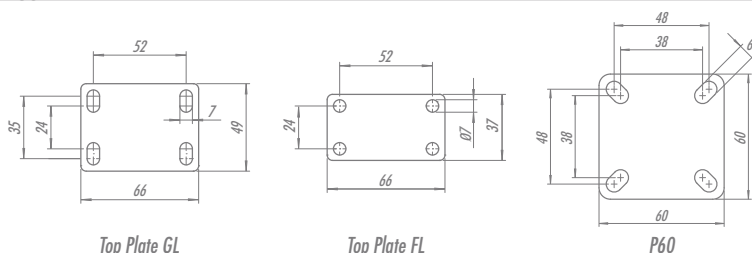


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

Swivel Section




Top Plates



Brake Options



FPI
210/310/410
Tread Lock Brake

NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

L10

F - CAST IRON










Load capacity up to 80kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C).

Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPI (mm)
Reference											
GL 210 FN	FL 210 FN	R 210 FN	50	19	1/4"	Plain Bearing	80	67	45	78	75

Fittings/Accessories

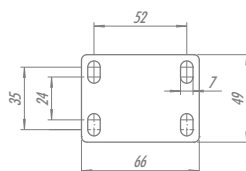


Hole Center	Threaded Stem		Nylon Expander	Plain Stem	Nylon Socket	
10mm	3/8"NC X 25mm	3/8"NC X 50mm	See table below	Ø7/16" X 50mm	Ø15 X 32mm	See table below
LES	LE	LEX	EXN2	LEL	LELSJ	S

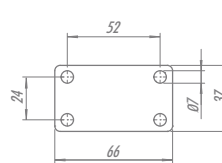
Swivel Section



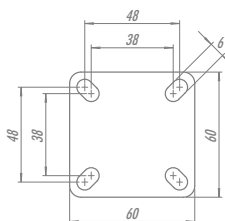
Top Plates



Top Plate GL



Top Plate FL




P60

Brake Options



FP
210/310/410
Tread Lock Brake

FPI
210/310
Tread Lock Brake

NYLON EXPANDING ADAPTER		
REFERENCE	SIZE (mm)	
EXN2	21,5-26,7	
M10 x 75 mm STEM		

NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

L10 TWIN

210

Load capacity up to 120kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.










FPI
Tread Lock Brake



BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C)

Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Swivel Caster With Brake	Wheel							
Reference			(mm)	(mm)	(pol)		KG	(mm)	w brake FPI (mm)
GLD 210 BP	GLD 210 BP FPI	R 210 BP	50	43	1/4"	Plain Bearing	80	72	49

Fittings/Accessories

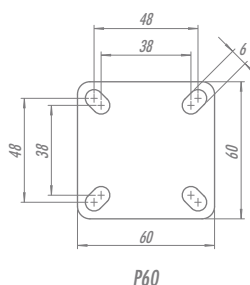



Threaded Stem		Plain Stem		Nylon Socket	
3/8"NC x 25mm	3/8"NC X 50mm	Ø7/16" X 50mm		See table below	
LDE	LDEX	LDEL		S	

Swivel Section



Top Plate



NYLON SOCKET FITTING		
REFERENCE	SIZE (mm)	
S1	Ø38	
S2	Ø30	
S3	Ø25	
S4	40 x 40	

Wheel Types



CODE	BP	SP	TB	TP	UP	NP	NPP	NT	NTT	C	NU	F
	80	80	80	80	100	100	100	120	120	120	120	120
Twin Wheels												









L10 TWIN 310

Load capacity up to 170kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Riveted wheel axle.



NPP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C). Manufactured with a single-injection recyclable polypropylene copolymer. Indicated for light loads, it rolls very easily, requires low handling effort, resists deformation under static loads, and offers an excellent cost-benefit ratio. It presents good resistance to chemicals and moderate impact. The recommended traveling speed is up to 4km/h.

Swivel Caster	Swivel Caster With Brake	Wheel								
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake (mm)
GLD 310 NPP	GLD 310 NPP FP	R 310 NPP	75	43	5/16"	Plain Bearing	120	95	75	107

Fittings/Accessories

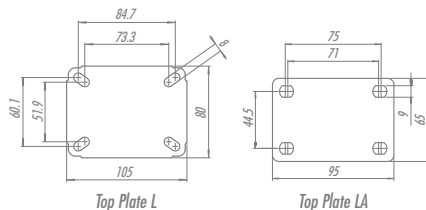


Hole Center 13mm	Threaded Stem			Plain Stem	Nylon Socket
	M10 x 25mm	3/8" NC X 25mm	3/8" NC X 50mm	Ø7/16" X 50mm	See table below
LDES	LDE M10	LDE	LDEX	LDEL	S

Swivel Section



Top Plates



Brake



FP
Tread Lock Brake

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	40 x 40

Wheel Types



CODE	BP	SP	TB	TP	UP	NP	NPP	NT	NTT	NU
KG	100	100	100	100	120	120	120	170	170	160



L12










BP - PVC

Load capacity up to 125kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 312 BP	FL 312 BP	R 312 BP	75	32	5/16"	Plain Bearing w/o Thread Guards	60	103	71	107	80
GL 312 BPN	FL 312 BPN	R 312 BPN				Plain Bearing w/ Thread Guards					
GL 312 BPE	FL 312 BPE	R 312 BPE				Ball Bearing w/ Thread Guards					
GL 412 BP	FL 412 BP	R 412 BP	Plain Bearing w/o Thread Guards			65	126	80	122	105	
GL 412 BPN	FL 412 BPN	R 412 BPN	Plain Bearing w/ Thread Guards								
GL 412 BPE	FL 412 BPE	R 412 BPE	Ball Bearing w/ Thread Guards								
GL 512 BP	FL 512 BP	R 512 BP	Plain Bearing w/o Thread Guards			75	156	105	122	105	
GL 512 BPN	FL 512 BPN	R 512 BPN	Plain Bearing w/ Thread Guards								
GL 512 BPE	FL 512 BPE	R 512 BPE	Ball Bearing w/ Thread Guards								
GL 612 BP	FL 612 BP	R 612 BP	Plain Bearing w/o Thread Guards			85	178	110	122	110	
GL 612 BPE	FL 612 BPE	R 612 BPE	Ball Bearing w/ Thread Guards								

Fittings/Accessories

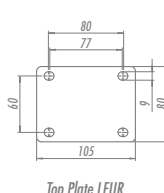
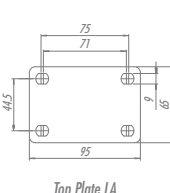
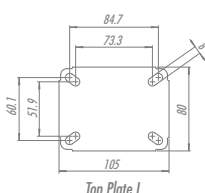
Fittings/Accessories





								
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's	
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S	T

Swivel Section

Top Plates

Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T1	1/2" BSP
EX2	21-24					S2	Ø30	T2	3/4" BSP
EX3	25-28					S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	M10 x 75 mm STEM		S4	40 x 40		
EX5	37-40								

L12










SP - EXTRASOFT RUBBER

Load capacity up to 125kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.






SP WHEEL - Extrasoft Thermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C). Injected wheel manufactured with extrasoft thermoplastic rubber on a polypropylene copolymer core. It features an extremely low operating noise level and excellent vibration reduction. Indicated for light load handling, this non-marking wheel offers excellent floor protection and good resistance to impact and chemicals. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 312 SP	FL 312 SP	R 312 SP	75	32	5/16"	Plain Bearing w/o Thread Guards	60	103	71	107	80
GL 312 SPN	FL 312 SPN	R 312 SPN				Plain Bearing w/ Thread Guards					
GL 312 SPE	FL 312 SPE	R 312 SPE				Ball Bearing w/ Thread Guards					
GL 412 SP	FL 412 SP	R 412 SP	Plain Bearing w/o Thread Guards			65	126	80	122	105	
GL 412 SPN	FL 412 SPN	R 412 SPN	Plain Bearing w/ Thread Guards								
GL 412 SPE	FL 412 SPE	R 412 SPE	Ball Bearing w/ Thread Guards								
GL 512 SP	FL 512 SP	R 512 SP	Plain Bearing w/o Thread Guards			75	156	105	122	105	
GL 512 SPN	FL 512 SPN	R 512 SPN	Plain Bearing w/ Thread Guards								
GL 512 SPE	FL 512 SPE	R 512 SPE	Ball Bearing w/ Thread Guards								
GL 612 SP	FL 612 SP	R 612 SP	Plain Bearing w/o Thread Guards			85	178	110	122	110	
GL 612 SPE	FL 612 SPE	R 612 SPE	Ball Bearing w/ Thread Guards								
							125				

Fittings/Accessories

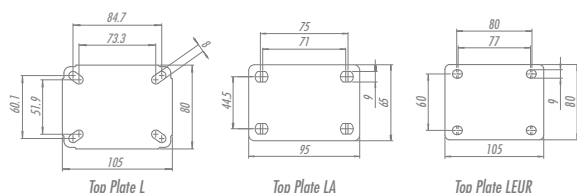
Fittings/Accessories

								
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S	T

Swivel Section







Top Plates



Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°		THREAD		
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)					
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T1	1/2" BSP			
EX2	21-24					S2	Ø30	T2	3/4" BSP			
EX3	25-28					S3	Ø25	T3	1" BSP			
EX4	27-30	EA4	27-33	M10 x 75 mm STEM		S4	40 x 40					
EX5	37-40											

L12










TB - THERMOPLASTIC RUBBER

Load capacity up to 150kg




Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



TB WHEEL - Thermoplastic Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with thermoplastic rubber on a polypropylene copolymer core. This non-marking wheel offers excellent floor protection, soft and quiet rolling, smooth handling and maneuverability, impact resistance, a low deformation index under load, and excellent abrasion resistance. It also has great resistance to inclement weather and compounds such as salt, and grease. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 312 TB	FL 312 TB	R 312 TB	75	32	5/16"	Plain Bearing w/o Thread Guards	70	103	71	107	80
GL 312 TBN	FL 312 TBN	R 312 TBN				Plain Bearing w/ Thread Guards					
GL 312 TBE	FL 312 TBE	R 312 TBE				Ball Bearing w/ Thread Guards					
GL 412 TB	FL 412 TB	R 412 TB	Plain Bearing w/o Thread Guards			80	126	80	122	105	
GL 412 TBN	FL 412 TBN	R 412 TBN	Plain Bearing w/ Thread Guards								
GL 412 TBE	FL 412 TBE	R 412 TBE	Ball Bearing w/ Thread Guards								
GL 512 TB	FL 512 TB	R 512 TB	Plain Bearing w/o Thread Guards			90	156	105	122	105	
GL 512 TBN	FL 512 TBN	R 512 TBN	Plain Bearing w/ Thread Guards								
GL 512 TBE	FL 512 TBE	R 512 TBE	Ball Bearing w/ Thread Guards								
GL 612 TB	FL 612 TB	R 612 TB	150			Plain Bearing w/o Thread Guards	100	178	110	122	110
GL 612 TBE	FL 612 TBE	R 612 TBE				Ball Bearing w/ Thread Guards	150				

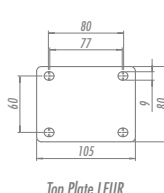
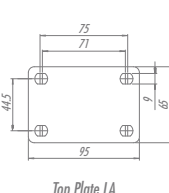
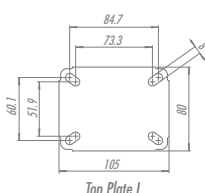
Fittings/Accessories

							
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	T

Swivel Section

Top Plates

Brake Options



RUBBER EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EX1	18-21
EX2	21-24
EX3	25-28
EX4	27-30
EX5	37-40

ALUMINUM EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EA2	21-27
EA4	27-33

NYLON EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EXN2	21,5-26,7
M10 x 75 mm STEM	

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	40 x 40

CAPS N°	THREAD
T1	1/2" BSP
T2	3/4" BSP
T3	1" BSP

L12










TP - THERMOPLASTIC COMPOUND

Load capacity up to 150kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



TP WHEEL - Thermoplastic Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a recyclable thermoplastic compound on a polypropylene copolymer core. It offers soft and quiet rolling, great floor protection, excellent chemical, wear, and impact resistance resulting in a excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 312 TP	FL 312 TP	R 312 TP	75	32	5/16"	Plain Bearing w/o Thread Guards	70	103	71	107	80
GL 312 TPN	FL 312 TPN	R 312 TPN				Plain Bearing w/ Thread Guards					
GL 312 TPE	FL 312 TPE	R 312 TPE				Ball Bearing w/ Thread Guards					
GL 412 TP	FL 412 TP	R 412 TP				Plain Bearing w/o Thread Guards	80	126	80	122	105
GL 412 TPN	FL 412 TPN	R 412 TPN				Plain Bearing w/ Thread Guards					
GL 412 TPE	FL 412 TPE	R 412 TPE				Ball Bearing w/ Thread Guards					
GL 512 TP	FL 512 TP	R 512 TP				Plain Bearing w/o Thread Guards	90	156	105	122	110
GL 512 TPN	FL 512 TPN	R 512 TPN				Plain Bearing w/ Thread Guards					
GL 512 TPE	FL 512 TPE	R 512 TPE				Ball Bearing w/ Thread Guards					
GL 612 TP	FL 612 TP	R 612 TP				Plain Bearing w/o Thread Guards	100	178	110	122	110
GL 612 TPE	FL 612 TPE	R 612 TPE				Ball Bearing w/ Thread Guards					

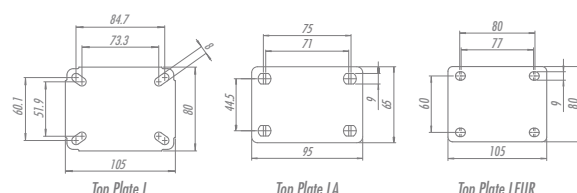
Fittings/Accessories

							
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	T

Swivel Section







Top Plates



Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°		THREAD	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)				
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T1		1/2" BSP	
EX2	21-24					S2	Ø30				
EX3	25-28					EA4	27-33	M10 x 75 mm STEM		S3	Ø25
EX4	27-30	S4	40 x 40								
EX5	37-40										

L12

UP - POLYURETHANE THERMOPLASTIC











Load capacity up to 165kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C). Manufactured with recyclable thermoplastic elastollan polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)	
GL 312 UP	FL 312 UP	R 312 UP	75	32	5/16"	Plain Bearing w/o Thread Guards	80	103	71	107	80	
GL 312 UPN	FL 312 UPN	R 312 UPN				Plain Bearing w/ Thread Guards						
GL 312 UPE	FL 312 UPE	R 312 UPE				Ball Bearing w/ Thread Guards						
GL 412 UP	FL 412 UP	R 412 UP	Plain Bearing w/o Thread Guards			90	126	80				
GL 412 UPN	FL 412 UPN	R 412 UPN	Plain Bearing w/ Thread Guards									
GL 412 UPE	FL 412 UPE	R 412 UPE	Ball Bearing w/ Thread Guards									
GL 512 UP	FL 512 UP	R 512 UP	Plain Bearing w/o Thread Guards			100	156	105				
GL 512 UPN	FL 512 UPN	R 512 UPN	Plain Bearing w/ Thread Guards									
GL 512 UPE	FL 512 UPE	R 512 UPE	Ball Bearing w/ Thread Guards									
GL 612 UP	FL 612 UP	R 612 UP	Plain Bearing w/o Thread Guards			125	178	110				
GL 612 UPE	FL 612 UPE	R 612 UPE	Ball Bearing w/ Thread Guards			165			110			

Fittings/Accessories

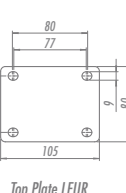
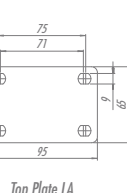
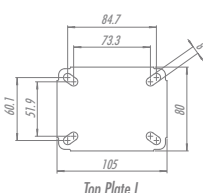
Fittings/Accessories

								
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S	T

Swivel Section

Top Plates

Brake Options



RUBBER EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EX1	18-21
EX2	21-24
EX3	25-28
EX4	27-30
EX5	37-40

ALUMINUM EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EA2	21-27
EA4	27-33

NYLON EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EXN2	21,5-26,7
M10 x 75 mm STEM	

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	40 x 40

CAPS N°	THREAD
T1	1/2" BSP
T2	3/4" BSP
T3	1" BSP

L12










NP - POLYPROPYLENE

Load capacity up to 165kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C). Injected wheel manufactured with a recyclable polypropylene copolymer tread and core. Indicated for light and medium loads, it rolls very easily and requires low handling effort. Its has good resistance to chemicals, moderate impact, and deformation under static loads, which demonstrate an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 312 NP	FL 312 NP	R 312 NP	75	32	5/16"	Plain Bearing w/o Thread Guards	80	103	71	107	80
GL 312 NPN	FL 312 NPN	R 312 NPN				Plain Bearing w/ Thread Guards					
GL 312 NPE	FL 312 NPE	R 312 NPE				Ball Bearing w/ Thread Guards					
GL 412 NP	FL 412 NP	R 412 NP	Plain Bearing w/o Thread Guards			90	126	80			
GL 412 NPN	FL 412 NPN	R 412 NPN	Plain Bearing w/ Thread Guards								
GL 412 NPE	FL 412 NPE	R 412 NPE	Ball Bearing w/ Thread Guards								
GL 512 NP	FL 512 NP	R 512 NP	125			Plain Bearing w/o Thread Guards	100	156	105	122	105
GL 512 NPN	FL 512 NPN	R 512 NPN				Plain Bearing w/ Thread Guards					
GL 512 NPE	FL 512 NPE	R 512 NPE				Ball Bearing w/ Thread Guards					
GL 612 NP	FL 612 NP	R 612 NP	150			Plain Bearing w/o Thread Guards	125	178	110		110
GL 612 NPE	FL 612 NPE	R 612 NPE				Ball Bearing w/ Thread Guards					

Fittings/Accessories

Fittings/Accessories

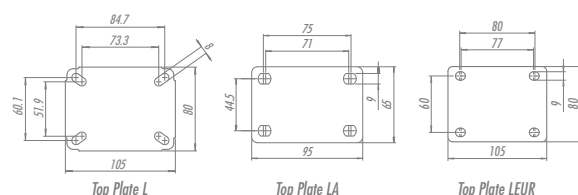
							
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S

See table below	See table below	See table below	See table below	See table below	See table below	See table below	See table below
T	S	LEL	EXN2	EA	EX	LEX	LE

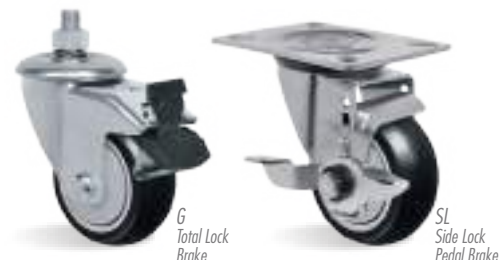
Swivel Section








Top Plates



Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°		THREAD	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)				
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38			T1	1/2" BSP
EX2	21-24					S2	Ø30			T2	3/4" BSP
EX3	25-28					S3	Ø25			T3	1" BSP
EX4	27-30	EA4	27-33	M10 x 75 mm STEM		S4	 40 x 40				
EX5	37-40										

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NPP - POLYPROPYLENE

Load capacity up to 125kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NPP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C). Manufactured with a single-injection recyclable polypropylene copolymer. Indicated for light loads, it rolls very easily, requires low handling effort, resists deformation under static loads, and offers an excellent cost-benefit ratio. It presents good resistance to chemicals and moderate impact. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel											
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)		
GL 212 NPP	FL 212 NPP	R 212 NPP	64	32	5/16"	Plain Bearing w/o Thread Guards	70	86	64	-	77		
GL 212 NPPE	FL 212 NPPE	R 212 NPPE				Ball Bearing w/ Thread Guards							
GL 312 NPP	FL 312 NPP	R 312 NPP	75			Plain Bearing w/o Thread Guards	80	103	71	107	80		
GL 312 NPPE	FL 312 NPPE	R 312 NPPE				Ball Bearing w/ Thread Guards							
GL 412 NPP	FL 412 NPP	R 412 NPP	100			Plain Bearing w/o Thread Guards	100	126	80	122	105		
GL 412 NPPE	FL 412 NPPE	R 412 NPPE				Ball Bearing w/ Thread Guards							
GL 512 NPP	FL 512 NPP	R 512 NPP	125			Plain Bearing w/o Thread Guards	125	156	105	122	105		
GL 512 NPPE	FL 512 NPPE	R 512 NPPE				2 Ball Bearings w/ Thread Guards							

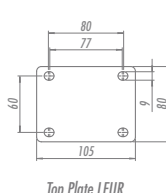
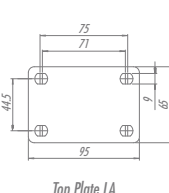
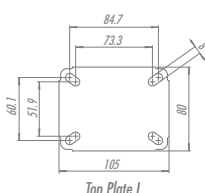
Fittings/Accessories

							
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	T

Swivel Section

Top Plates

Brake Options



RUBBER EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EX1	18-21
EX2	21-24
EX3	25-28
EX4	27-30
EX5	37-40

ALUMINUM EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EA2	21-27
EA4	27-33

NYLON EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EXN2	21,5-26,7
M10 x 75 mm STEM	

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	40 x 40

CAPS N°	THREAD
T1	1/2" BSP
T2	3/4" BSP
T3	1" BSP

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NT - TECHNICAL NYLON










Load capacity up to 170kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with high quality Nylon 6, both tread and core. It is light, has excellent mechanical resistance, and rolls very easily requiring less effort in maneuvering. Ideal for applications in wet environments, it is resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)	
GL 312 NT	FL 312 NT	R 312 NT	75	32	5/16"	Plain Bearing w/o Thread Guards	150	103	71	107	80	
GL 312 NTN	FL 312 NTN	R 312 NTN				Plain Bearing w/ Thread Guards						
GL 312 NTE	FL 312 NTE	R 312 NTE				Ball Bearing w/ Thread Guards						
GL 412 NT	FL 412 NT	R 412 NT	100			Plain Bearing w/o Thread Guards	170	126	80	122	105	
GL 412 NTN	FL 412 NTN	R 412 NTN				Plain Bearing w/ Thread Guards						
GL 412 NTE	FL 412 NTE	R 412 NTE				Ball Bearing w/ Thread Guards						
GL 512 NT	FL 512 NT	R 512 NT	125			Plain Bearing w/o Thread Guards		156	105		110	
GL 512 NTN	FL 512 NTN	R 512 NTN				Plain Bearing w/ Thread Guards						
GL 512 NTE	FL 512 NTE	R 512 NTE				Ball Bearing w/ Thread Guards						
GL 612 NT	FL 612 NT	R 612 NT	150			Plain Bearing w/o Thread Guards	178	110				
GL 612 NTE	FL 612 NTE	R 612 NTE				Ball Bearing w/ Thread Guards						

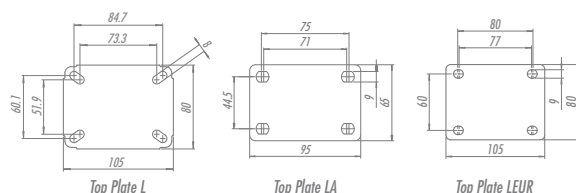
Fittings/Accessories

							
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S

Swivel Section







Top Plates



Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°		THREAD	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)				
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T1	1/2" BSP		
EX2	21-24					S2	Ø30	T2	3/4" BSP		
EX3	25-28					S3	Ø25	T3	1" BSP		
EX4	27-30	EA4	27-33	M10 x 75 mm STEM		S4	40 x 40				
EX5	37-40										



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NTT - TECHNICAL NYLON

Load capacity up to 170kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NTT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with single injection high quality Nylon 6. It is lightweight, provides good mechanical resistance, and rolls very easily requiring less effort in maneuvering. Under static loads, it is resistant to deformation. Ideal for applications in wet environments, it is also resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 212 NTT	FL 212 NTT	R 212 NTT	64	32	5/16"	Plain Bearing w/o Thread Guards	150	86	64	-	77
GL 212 NTTE	FL 212 NTTE	R 212 NTTE				Ball Bearing w/ Thread Guards					
GL 312 NTT	FL 312 NTT	R 312 NTT	75			Plain Bearing w/o Thread Guards	170	103	71	107	80
GL 312 NTTE	FL 312 NTTE	R 312 NTTE				Ball Bearing w/ Thread Guards					
GL 412 NTT	FL 412 NTT	R 412 NTT	100			Plain Bearing w/o Thread Guards		126	80		
GL 412 NTTE	FL 412 NTTE	R 412 NTTE				Ball Bearing w/ Thread Guards					
GL 512 NTT	FL 512 NTT	R 512 NTT	125			Plain Bearing w/o Thread Guards	156	105	122	105	
GL 512 NTTE	FL 512 NTTE	R 512 NTTE				2 Ball Bearings w/ Thread Guards					

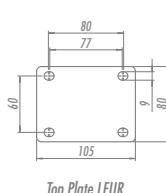
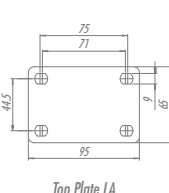
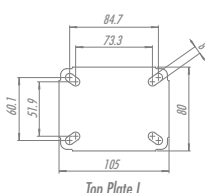
Fittings/Accessories





							
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	T

Swivel Section

Top Plates

Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T1	1/2" BSP
EX2	21-24					S2	Ø30	T2	3/4" BSP
EX3	25-28					S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	M10 x 75 mm STEM		S4	40 x 40		
EX5	37-40								

L12

BD - SOLID TIRE

Load capacity up to 100kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



BD WHEEL - Solid Tire - Stamped Steel Plate Core. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with a solid rubber tread on a stamped zinc-plated carbon steel core. This wheel is lightweight, durable, and provides soft and quiet rolling. Indicated for light duty on floors in good condition. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake G (mm)	 w/ brake SL (mm)
Reference											
GL 312 BDN	FL 312 BDN	R 312 BDN	75	32	5/16"	Nylon Bushing w/ Thread Guards	50	103	71	107	80
GL 412 BDN	FL 412 BDN	R 412 BDN	100				60	126	80		
GL 512 BDN	FL 512 BDN	R 512 BDN	125			Nylon Bushing w/o Thread Guards	80	156	105	122	105
GL 612 BDN	FL 612 BDN	R 612 BDN	150				100	178	110		110

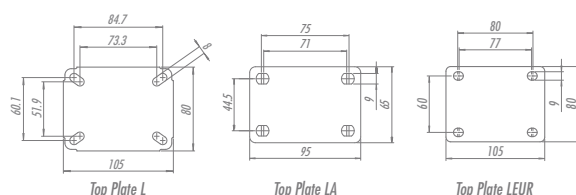
Fittings/Accessories

							
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	T

Swivel Section







Top Plates



Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°		THREAD			
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)						
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T1	1/2" BSP				
EX2	21-24					S2	Ø30					T2	3/4" BSP
EX3	25-28					S3	Ø25						
EX4	27-30	S4	40 x 40	T3		1" BSP							
EX5	37-40												
		EA4	27-33	M10 x 75 mm STEM									

L12










BIN - MOLDED RUBBER

Load capacity up to 150kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



BIN WHEEL - Molded Rubber - Hard Rubber. Hardness: 80 Shore A. (-20°C +70°C). Manufactured with molded rubber on a hard rubber core. This wheel is a lightweight, quiet and smooth rolling. It absorbs shock and vibration and is abrasion, corrosion, and chemical resistant. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 312 BIN	FL 312 BIN	R 312 BIN	75	32	5/16"	Nylon Bushing	90	103	71	107	80
GL 412 BIN	FL 412 BIN	R 412 BIN	100				125	126	80		
GL 512 BIN	FL 512 BIN	R 512 BIN	125				150	156	105	122	105

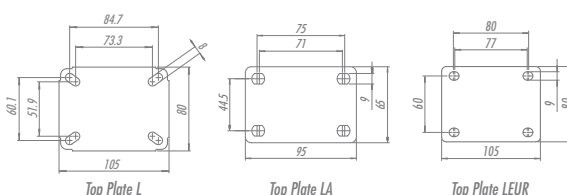
Fittings/Accessories

							
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	T

Swivel Section



Top Plates



Brake Options



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	T1	1/2" BSP
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T2	3/4" BSP
EX2	21-24					S2	Ø30		
EX3	25-28	EA4	27-33	M10 x 75 mm STEM		S3	Ø25	T3	1" BSP
EX4	27-30					S4	40 x 40		
EX5	37-40								

L12










B - MOLDED RUBBER

Load capacity up to 90kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. Resistant to abrasion and chemicals. The recommended traveling speed is up to 4km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake G (mm)	 w/ brake SL (mm)
Reference											
GL 312 BN	FL 312 BN	R 312 BN	75	32	5/16"	Plain Bearing	90	103	71	107	80
GL 312 BE	FL 312 BE	R 312 BE				Ball Bearing					

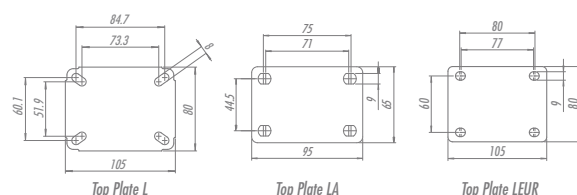
Fittings/Accessories

								
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S	T

Swivel Section







Top Plates



Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°		THREAD	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)				
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38		T1	1/2" BSP	
EX2	21-24					S2	Ø30		T2	3/4" BSP	
EX3	25-28					S3	Ø25		T3	1" BSP	
EX4	27-30	EA4	27-33	M10 x 75 mm STEM		S4	40 x 40				
EX5	37-40										



L12










NU - MOLDED POLYURETHANE

Load capacity up to 170kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NU WHEEL - Molded Polyurethane on a Nylon Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an injected nylon core. The mechanical bond system ensures excellent resistance and service life. Ideal for applications on various surface and environment types. This wheel is lightweight, withstands high loads, protects the floor, requires low effort to handle, and produces a low operating noise level. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 312 NU	FL 312 NU	R 312 NU	75	32	5/16"	Plain Bearing w/o Thread Guards	150	103	71	107	80
GL 312 NUN	FL 312 NUN	R 312 NUN				Plain Bearing w/ Thread Guards					
GL 312 NUE	FL 312 NUE	R 312 NUE				Ball Bearing w/ Thread Guards					
GL 412 NU	FL 412 NU	R 412 NU	Plain Bearing w/o Thread Guards			170	126	80	122	105	
GL 412 NUN	FL 412 NUN	R 412 NUN	Plain Bearing w/ Thread Guards								
GL 412 NUE	FL 412 NUE	R 412 NUE	Ball Bearing w/ Thread Guards								
GL 512 NU	FL 512 NU	R 512 NU	Plain Bearing w/o Thread Guards				156	105			
GL 512 NUN	FL 512 NUN	R 512 NUN	Plain Bearing w/ Thread Guards								
GL 512 NUE	FL 512 NUE	R 512 NUE	Ball Bearing w/ Thread Guards								
GL 612 NU	FL 612 NU	R 612 NU	Plain Bearing w/o Thread Guards			178	110	110			
GL 612 NUE	FL 612 NUE	R 612 NUE	Ball Bearing w/ Thread Guards								

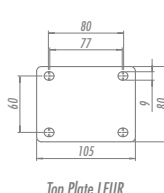
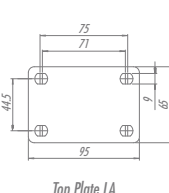
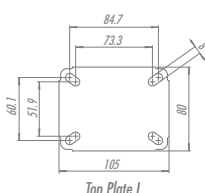
Fittings/Accessories

							
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	T

Swivel Section

Top Plates

Brake Options



RUBBER EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EX1	18-21
EX2	21-24
EX3	25-28
EX4	27-30
EX5	37-40

ALUMINUM EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EA2	21-27
EA4	27-33

NYLON EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EXN2	21,5-26,7
M10 x 75 mm STEM	

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	40 x 40

CAPS N°	THREAD
T1	1/2" BSP
T2	3/4" BSP
T3	1" BSP

L12










ALUMINIUM ALP

Load capacity up to 170kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



ALP WHEEL - Molded Polyurethane on an Aluminum Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant and is ideal for applications involving diverse floor types and environments. Capable for high loads, is very durable, protects the floor, requires low push-pull force, and provides a quiet roll. Excellent resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be towed at speeds up to 4 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 312 ALPN	FL 312 ALPN	R 312 ALPN	75	32	5/16"	Nylon Bushing	170	103	71	107	80
GL 312 ALPE	FL 312 ALPE	R 312 ALPE				Ball Bearing					

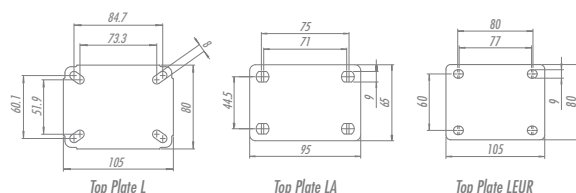
Fittings/Accessories

								
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S	T

Swivel Section







Top Plates



Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T1	1/2" BSP
EX2	21-24					S2	Ø30	T2	3/4" BSP
EX3	25-28					S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	M10 x 75 mm STEM		S4	40 x 40		
EX5	37-40								



L12

ALUMINIUM ALP SOFT

Load capacity up to 125kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



ALP SOFT WHEEL - Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It can handle high loads and protects the floor. It offers a low push-pull force, quiet operation, and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 4 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
Reference											
GL 312 ALPN SOFT	FL 312 ALPN SOFT	R 312 ALPN SOFT	75	32	5/16"	Nylon Bushing	125	103	71	107	80
GL 312 ALPE SOFT	FL 312 ALPE SOFT	R 312 ALPE SOFT				Ball Bearing					

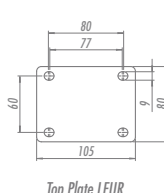
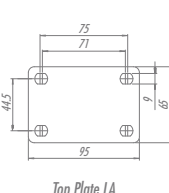
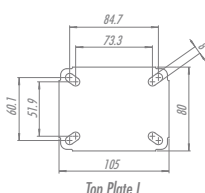
Fittings/Accessories

Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S	T

Swivel Section

Top Plates

Brake Options



RUBBER EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EX1	18-21
EX2	21-24
EX3	25-28
EX4	27-30
EX5	37-40

ALUMINUM EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EA2	21-27
EA4	27-33

NYLON EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EXN2	21,5-26,7
M10 x 75 mm STEM	

NYLON SOCKET FITTING	
REFERENCE	SIZE (mm)
S1	Ø38
S2	Ø30
S3	Ø25
S4	40 x 40

CAPS N°	THREAD
T1	1/2" BSP
T2	3/4" BSP
T3	1" BSP

L12










P - MOLDED POLYURETHANE

Load capacity up to 170kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be used at speeds up to 4km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake G (mm)	 w/ brake SL (mm)
Reference											
GL 312 PN	FL 312 PN	R 312 PN	75	32	5/16"	Plain Bearing	170	103	71	107	80
GL 312 PR	FL 312 PR	R 312 PR				Roller Bearing					
GL 312 PE	FL 312 PE	R 312 PE				Ball Bearing					

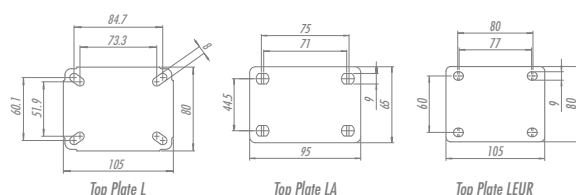
Fittings/Accessories

								
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S	T

Swivel Section







Top Plates



Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS Nº	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T1	1/2" BSP
EX2	21-24					S2	Ø30	T2	3/4" BSP
EX3	25-28					S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	M10 x 75 mm STEM		S4	40 x 40		
EX5	37-40								

L12










TM - TERMIC

Load capacity up to 80kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



TM WHEEL - Termic. Hardness: 90 Shore D. Black (0°C to +200°C), Gray (0°C to +300°C). Manufactured with phenolic resin (bakelite), molded by heat and pressure. Engineered for high temperature environment applications. It provides excellent mechanical properties, resists deformation under static loads and rolls easily. This wheel is resistant to most chemicals. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
*GL 312 TM	*FL 312 TM	*R 312 TM	75	32	5/16"	Plain Bearing	70	103	71	107	80
*GL 412 TM	*FL 412 TM	*R 412 TM	100				80	126	80		

*PS. Add the required temperature at the end of the reference. E.g.: GL 312 TM 300.

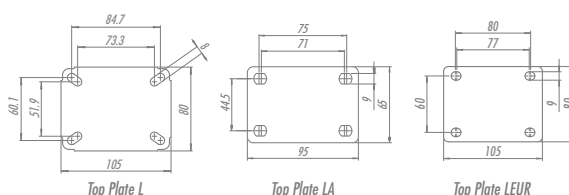
Fittings/Accessories

					
Hole Center	Threaded Stem		Aluminum Expander	Plain Stem	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EA	LEL	T

Swivel Section



Top Plates



Brake Options



ALUMINUM EXPANDING ADAPTER	
REFERENCE	SIZE (mm)
EA2	21-27
EA4	27-33

CAPS N°	THREAD
T1	1/2" BSP
T2	3/4" BSP
T3	1" BSP

L12










C - PHENOLIC RESIN

Load capacity up to 150kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 312 C	FL 312 C	R 312 C	75	32	5/16"	Plain Bearing	150	103	71	107	80

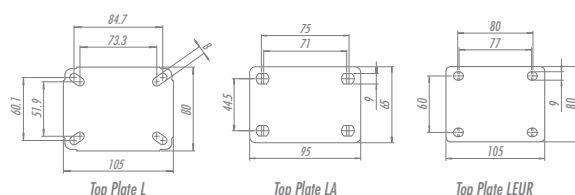
Fittings/Accessories

								
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S	T

Swivel Section







Top Plates



Brake Options



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T1	1/2" BSP
EX2	21-24					S2	Ø30	T2	3/4" BSP
EX3	25-28					S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	M10 x 75 mm STEM		S4	40 x 40		
EX5	37-40								

L12










F - CAST IRON

Load capacity up to 170kg

Rig made of stamped steel plate with a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake G (mm)	w/ brake SL (mm)
GL 312 FN	FL 312 FN	R 312 FN	75	32	5/16"	Plain Bearing	170	103	71	107	80

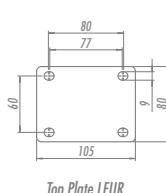
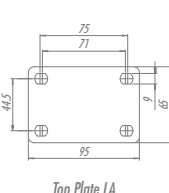
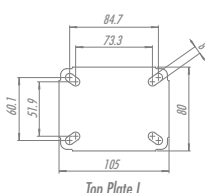
Fittings/Accessories

								
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Nylon Expander	Plain Stem	Nylon Socket	Cap's
13mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	EXN2	LEL	S	T

Swivel Section

Top Plates

Brake Options



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		
EX1	18-21	EA2	21-27	EXN2	21,5-26,7	S1	Ø38	T1	1/2" BSP
EX2	21-24					S2	Ø30	T2	3/4" BSP
EX3	25-28					S3	Ø25		
EX4	27-30	EA4	27-33	M10 x 75 mm STEM		S4	40 x 40	T3	1" BSP
EX5	37-40								

L14-S14










BP - PVC

Load capacity up to 125kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel						 (mm)			
Reference					(mm)	(mm)	(pol)			GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 414 BPN	FL 414 BPN	GS 414 BPN	FS 414 BPN	R 414 BPN	100	38	7/16"	Nylon Bushing w/o Thread Guards	85	135	140	88	120
GL 414 BPE	FL 414 BPE	GS 414 BPE	FS 414 BPE	R 414 BPE		32		Ball Bearing w/ Thread Guards	100				
GL 514 BPN	FL 514 BPN	GS 514 BPN	FS 514 BPN	R 514 BPN	125	38		Nylon Bushing w/o Thread Guards	115	156	161	103	
GL 514 BPE	FL 514 BPE	GS 514 BPE	FS 514 BPE	R 514 BPE		32		Ball Bearing w/ Thread Guards					
GL 614 BPN	FL 614 BPN	GS 614 BPN	FS 614 BPN	R 614 BPN	150	38		Nylon Bushing w/o Thread Guards	125	178	183	118	130
GL 614 BPE	FL 614 BPE	GS 614 BPE	FS 614 BPE	R 614 BPE		32		Ball Bearing w/ Thread Guards					

Fittings/Accessories

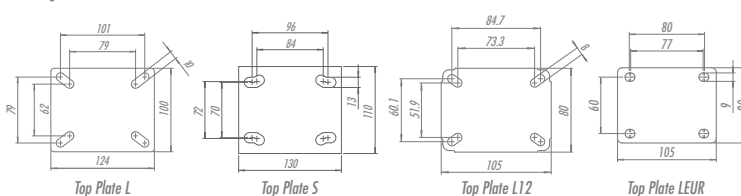
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	T1	1/2" BSP
EX1	18-21	EA2	21-27	S1	Ø38	T2	3/4" BSP
EX2	21-24			S2	Ø30		
EX3	25-28	EA4	27-33	S3	Ø25	T3	1" BSP
EX4	27-30			S4	40 x 40		
EX5	37-40						

L14 - S14










SP - EXTRASOFT RUBBER

Load capacity up to 125kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



SP WHEEL - ExtrasoftThermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C). Injected wheel manufactured with extrasoft thermoplastic rubber on a polypropylene copolymer core. It features an extremely low operating noise level and excellent vibration reduction. Indicated for light load handling, this non-marking wheel offers excellent floor protection and good resistance to impact and chemicals. The recommended travelling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel						 (mm)			
Reference					(mm)	(mm)	(pol)			GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 414 SPN	FL 414 SPN	GS 414 SPN	FS 414 SPN	R 414 SPN	100	38	7/16"	Nylon Bushing w/o Thread Guards	85	135	140	88	120
GL 414 SPE	FL 414 SPE	GS 414 SPE	FS 414 SPE	R 414 SPE		32		Ball Bearing w/ Thread Guards	100				
GL 514 SPN	FL 514 SPN	GS 514 SPN	FS 514 SPN	R 514 SPN	125	38		Nylon Bushing w/o Thread Guards	115	156	161	103	
GL 514 SPE	FL 514 SPE	GS 514 SPE	FS 514 SPE	R 514 SPE		32		Ball Bearing w/ Thread Guards					
GL 614 SPN	FL 614 SPN	GS 614 SPN	FS 614 SPN	R 614 SPN	150	38		Nylon Bushing w/o Thread Guards	125	178	183	118	130
GL 614 SPE	FL 614 SPE	GS 614 SPE	FS 614 SPE	R 614 SPE		32		Ball Bearing w/ Thread Guards					

Fittings/Accessories

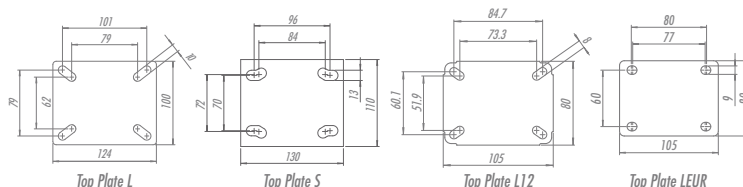
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (MM)	REFERENCE	SIZE (MM)	REFERENCE	SIZE (MM)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

L14-S14

TB - THERMOPLASTIC RUBBER










Load capacity up to 150kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



TB WHEEL - Thermoplastic Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with thermoplastic rubber on a polypropylene copolymer core. This non-marking wheel offers excellent floor protection, soft and quiet rolling, smooth handling and maneuverability, impact resistance, a low deformation index under load, and excellent abrasion resistance. It also has great resistance to inclement weather and compounds such as salt, and grease. The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel						 (mm)		 (mm)	 (mm)
Reference					(mm)	(mm)	(pol)		KG	GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 414 TBN	FL 414 TBN	GS 414 TBN	FS 414 TBN	R 414 TBN	100	38	7/16"	Nylon Bushing w/o Thread Guards	100	135	140	88	120
GL 414 TBE	FL 414 TBE	GS 414 TBE	FS 414 TBE	R 414 TBE		32		Ball Bearing w/ Thread Guards					
GL 514 TBN	FL 514 TBN	GS 514 TBN	FS 514 TBN	R 514 TBN	125	38		Nylon Bushing w/o Thread Guards	125	156	161	103	
GL 514 TBE	FL 514 TBE	GS 514 TBE	FS 514 TBE	R 514 TBE		32		Ball Bearing w/ Thread Guards					
GL 614 TBN	FL 614 TBN	GS 614 TBN	FS 614 TBN	R 614 TBN	150	38		Nylon Bushing w/o Thread Guards	150	178	183	118	130
GL 614 TBE	FL 614 TBE	GS 614 TBE	FS 614 TBE	R 614 TBE		32		Ball Bearing w/ Thread Guards					

Fittings/Accessories

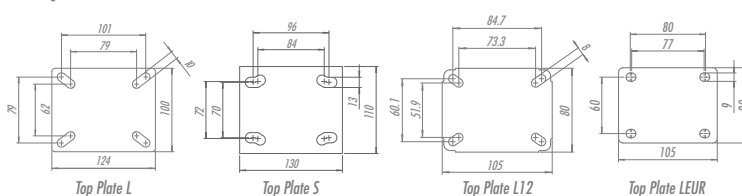
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28	EA4	27-33	S3	Ø25	T3	1" BSP
EX4	27-30			S4	40 x 40		
EX5	37-40						

L14 - S14

TP - THERMOPLASTIC COMPOUND

Load capacity up to 150kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



TP WHEEL - Thermoplastic Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a recyclable thermoplastic compound on a polypropylene copolymer core. It offers soft and quiet rolling, great floor protection, excellent chemical, wear, and impact resistance resulting in a excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	(mm)	(mm)	(pol)		KG	(mm)	(mm)	(mm)	(mm)
Reference										GL/FL	GS/FS	w/o brake	w/ brake
GL 414 TPN	FL 414 TPN	GS 414 TPN	FS 414 TPN	R 414 TPN	100	38	7/16"	Nylon Bushing w/o Thread Guards	100	135	140	88	120
GL 414 TPE	FL 414 TPE	GS 414 TPE	FS 414 TPE	R 414 TPE		32		Ball Bearing w/ Thread Guards					
GL 514 TPN	FL 514 TPN	GS 514 TPN	FS 514 TPN	R 514 TPN	125	38		Nylon Bushing w/o Thread Guards	125	156	161	103	130
GL 514 TPE	FL 514 TPE	GS 514 TPE	FS 514 TPE	R 514 TPE		32		Ball Bearing w/ Thread Guards					
GL 614 TPN	FL 614 TPN	GS 614 TPN	FS 614 TPN	R 614 TPN	150	38		Nylon Bushing w/o Thread Guards	150	178	183	118	130
GL 614 TPE	FL 614 TPE	GS 614 TPE	FS 614 TPE	R 614 TPE		32		Ball Bearing w/ Thread Guards					

Fittings/Accessories

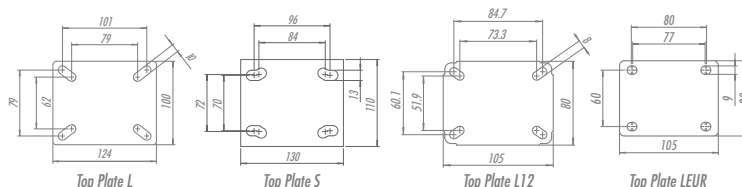
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	T1	1/2" BSP
EX1	18-21	EA2	21-27	S1	Ø38	T2	3/4" BSP
EX2	21-24			S2	Ø30		
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

L14 - S14

UP - POLYURETHANE THERMOPLASTIC

Load capacity up to 165kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C). Manufactured with recyclable thermoplastic elastollan polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	⌀ (mm)	f (mm)	⌀ (pol)	Ⓢ	KG	Ⓢ (mm)	Ⓢ (mm)	w/o brake (mm)	w/ brake G (mm)
Reference										GL/FL	GS/FS		
GL 414 UPN	FL 414 UPN	GS 414 UPN	FS 414 UPN	R 414 UPN	100	38	7/16"	Nylon Bushing w/o Thread Guards	125	135	140	88	120
GL 414 UPE	FL 414 UPE	GS 414 UPE	FS 414 UPE	R 414 UPE		32		Ball Bearing w/ Thread Guards					
GL 514 UPN	FL 514 UPN	GS 514 UPN	FS 514 UPN	R 514 UPN	125	38		Nylon Bushing w/o Thread Guards	150	156	161	103	130
GL 514 UPE	FL 514 UPE	GS 514 UPE	FS 514 UPE	R 514 UPE		32		Ball Bearing w/ Thread Guards					
GL 614 UPN	FL 614 UPN	GS 614 UPN	FS 614 UPN	R 614 UPN	150	38		Nylon Bushing w/o Thread Guards	165	178	183	118	130
GL 614 UPE	FL 614 UPE	GS 614 UPE	FS 614 UPE	R 614 UPE		32		Ball Bearing w/ Thread Guards					

Fittings/Accessories

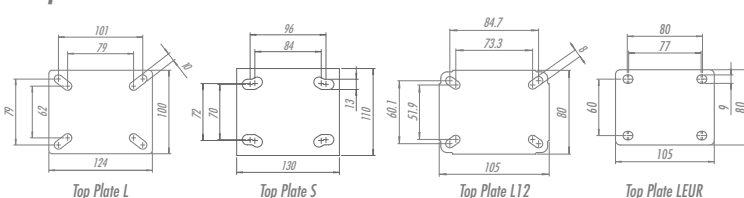
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28	EA4	27-33	S3	Ø25	T3	1" BSP
EX4	27-30			S4	40 x 40		
EX5	37-40						

L14 - S14

NP - POLYPROPYLENE

Load capacity up to 165kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C). Injected wheel manufactured with a recyclable polypropylene copolymer tread and core. Indicated for light and medium loads, it rolls very easily and requires low handling effort. Its has good resistance to chemicals, moderate impact, and deformation under static loads, which demonstrate an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	(mm)	(mm)	(pol)		KG	(mm)			
Reference										GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 414 NPN	FL 414 NPN	GS 414 NPN	FS 414 NPN	R 414 NPN	100	38	7/16"	Nylon Bushing w/o Thread Guards	125	135	140	88	120
GL 414 NPE	FL 414 NPE	GS 414 NPE	FS 414 NPE	R 414 NPE		32		Ball Bearing w/ Thread Guards					
GL 514 NPN	FL 514 NPN	GS 514 NPN	FS 514 NPN	R 514 NPN	125	38		Nylon Bushing w/o Thread Guards	150	156	161	103	130
GL 514 NPE	FL 514 NPE	GS 514 NPE	FS 514 NPE	R 514 NPE		32		Ball Bearing w/ Thread Guards					
GL 614 NPN	FL 614 NPN	GS 614 NPN	FS 614 NPN	R 614 NPN	150	38		Nylon Bushing w/o Thread Guards	165	178	183	118	130
GL 614 NPE	FL 614 NPE	GS 614 NPE	FS 614 NPE	R 614 NPE		32		Ball Bearing w/ Thread Guards					

Fittings/Accessories

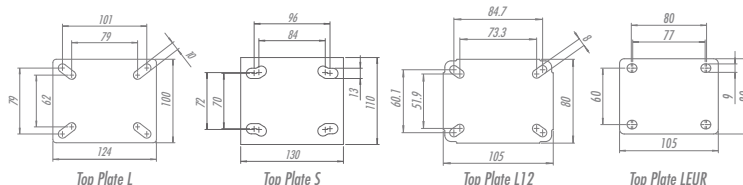
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake

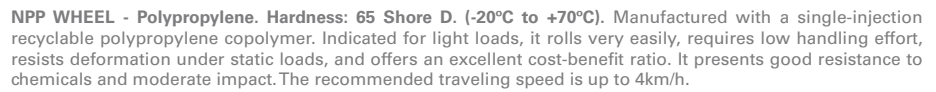









RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

NPP - POLYPROPYLENE

Load capacity up to 165kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel							(mm)		(mm)		(mm)
Reference					(mm)	(mm)	(pol)		KG		GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)	
GL 414 NPP	FL 414 NPP	GS 414 NPP	FS 414 NPP	R 414 NPP	100	38	7/16"	Plain Bearing w/o Thread Guards	125		135	140	88	120	
GL 414 NPPE	FL 414 NPPE	GS 414 NPPE	FS 414 NPPE	R 414 NPPE				Ball Bearing w/o Thread Guards							
GL 514 NPP	FL 514 NPP	GS 514 NPP	FS 514 NPP	R 514 NPP				150	Plain Bearing w/o Thread Guards	156	161	103			
GL 514 NPPE	FL 514 NPPE	GS 514 NPPE	FS 514 NPPE	R 514 NPPE					Ball Bearing w/o Thread Guards						
GL 614 NPP	FL 614 NPP	GS 614 NPP	FS 614 NPP	R 614 NPP				165	Plain Bearing w/o Thread Guards	178	183	118	130		
GL 614 NPPE	FL 614 NPPE	GS 614 NPPE	FS 614 NPPE	R 614 NPPE					Ball Bearing w/o Thread Guards						

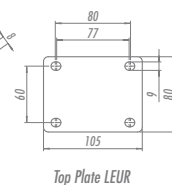
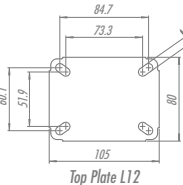
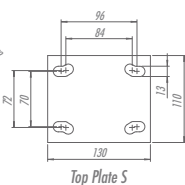
Fittings/Accessories



Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T




PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Brake



RUBBER EXPANDING ADAPTER 		ALUMINUM EXPANDING ADAPTER 		NYLON SOCKET FITTING 		CAPS N°		THREAD	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)				
EX1	18-21	EA2	21-27	S1	Ø38			T1	1/2" BSP
EX2	21-24			S2	Ø30			T2	3/4" BSP
EX3	25-28			S3	Ø25			T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40				
EX5	37-40								

L14-S14

NT - TECHNICAL NYLON

Load capacity up to 300kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with high quality Nylon 6, both tread and core. It is light, has excellent mechanical resistance, and rolls very easily requiring less effort in maneuvering. Ideal for applications in wet environments, it is resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	(mm)	(mm)	(pol)		KG	(mm)	(mm)	w/o brake (mm)	w/ brake G (mm)
Reference										GL/FL	GS/FS		
GL 414 NTN	FL 414 NTN	GS 414 NTN	FS 414 NTN	R 414 NTN	100	38	7/16"	Nylon Bushing w/o Thread Guards	200	135	140	88	120
GL 414 NTE	FL 414 NTE	GS 414 NTE	FS 414 NTE	R 414 NTE		32		Ball Bearing w/ Thread Guards					
GL 514 NTN	FL 514 NTN	GS 514 NTN	FS 514 NTN	R 514 NTN	125	38		Nylon Bushing w/o Thread Guards	250	156	161	103	130
GL 514 NTE	FL 514 NTE	GS 514 NTE	FS 514 NTE	R 514 NTE		32		Ball Bearing w/ Thread Guards					
GL 614 NTN	FL 614 NTN	GS 614 NTN	FS 614 NTN	R 614 NTN	150	38		Nylon Bushing w/o Thread Guards	300	178	183	118	130
GL 614 NTE	FL 614 NTE	GS 614 NTE	FS 614 NTE	R 614 NTE		32		Ball Bearing w/ Thread Guards					

Fittings/Accessories

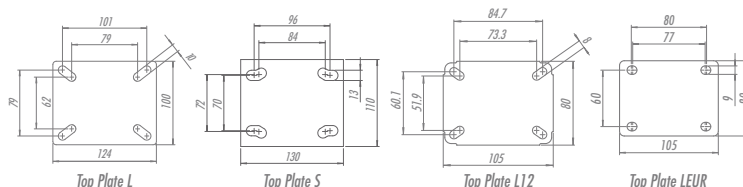
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

L14-S14

NTT - TECHNICAL NYLON










Load capacity up to 300kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NTT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with single injection high quality Nylon 6. It is lightweight, provides good mechanical resistance, and rolls very easily requiring less effort in maneuvering. Under static loads, it is resistant to deformation. Ideal for applications in wet environments, it is also resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel						 (mm)		 w/o brake (mm)	 w/ brake G (mm)
Reference					(mm)	(mm)	(pol)			GL/FL	GS/FS		
GL 414 NTT	FL 414 NTT	GS 414 NTT	FS 414 NTT	R 414 NTT	100	38	7/16"	Plain Bearing w/o Thread Guards	200	135	140	88	120
GL 414 NTTE	FL 414 NTTE	GS 414 NTTE	FS 414 NTTE	R 414 NTTE				Ball Bearing w/o Thread Guards					
GL 514 NTT	FL 514 NTT	GS 514 NTT	FS 514 NTT	R 514 NTT	125			Plain Bearing w/o Thread Guards	250	156	161	103	
GL 514 NTTE	FL 514 NTTE	GS 514 NTTE	FS 514 NTTE	R 514 NTTE				Ball Bearing w/o Thread Guards					
GL 614 NTT	FL 614 NTT	GS 614 NTT	FS 614 NTT	R 614 NTT	150			Plain Bearing w/o Thread Guards	300	178	183	118	130
GL 614 NTTE	FL 614 NTTE	GS 614 NTTE	FS 614 NTTE	R 614 NTTE				Ball Bearing w/o Thread Guards					

Fittings/Accessories

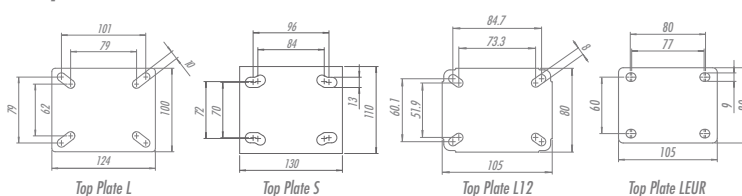
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28	EA4	27-33	S3	Ø25	T3	1" BSP
EX4	27-30			S4	40 x 40		
EX5	37-40						

L14-S14

BMN - SOLID TIRE

Load capacity up to 120kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



BMN WHEEL - Solid Tire - Polypropylene Core. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with a solid rubber tread on an injected polypropylene core. This wheel is lightweight and strong, withstands moisture, and is quiet and smooth rolling. Designed for light duty use on floors in good condition. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	Ø (mm)	W (mm)	W (pol)		KG	GL/FL (mm)	GS/FS (mm)	w/o brake (mm)	w/ brake G (mm)
Reference													
GL 414 BMN	FL 414 BMN	GS 414 BMN	FS 414 BMN	R 414 BMN	100				75	135	140	88	120
GL 514 BMN	FL 514 BMN	GS 514 BMN	FS 514 BMN	R 514 BMN	125	42	7/16"	Plain Bearing	100	156	161	103	
GL 614 BMN	FL 614 BMN	GS 614 BMN	FS 614 BMN	R 614 BMN	150				120	178	183	118	130

Fittings/Accessories

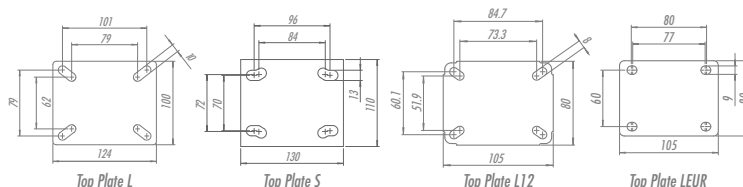
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	T1	1/2" BSP
EX1	18-21	EA2	21-27	S1	Ø38	T2	3/4" BSP
EX2	21-24			S2	Ø30		
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

L14-S14










BD - SOLID TIRE

Load capacity up to 120kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



BD WHEEL - Solid Tire - Stamped Steel Plate Core. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with a solid rubber tread on a stamped zinc-plated carbon steel core. This wheel is lightweight, durable, and provides soft and quiet rolling. Indicated for light duty on floors in good condition. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel						 (mm)	 (mm)	 (mm)	 (mm)
Reference					(mm)	(mm)	(pol)		KG	GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 414 BDN	FL 414 BDN	GS 414 BDN	FS 414 BDN	R 414 BDN	100	38	7/16"	Nylon Bushing w/ Thread Guards	75	135	140	88	120
GL 414 BDE	FL 414 BDE	GS 414 BDE	FS 414 BDE	R 414 BDE				Ball Bearing w/ Thread Guards					
GL 514 BDN	FL 514 BDN	GS 514 BDN	FS 514 BDN	R 514 BDN	125			Nylon Bushing w/ Thread Guards	100	156	161	103	
GL 514 BDE	FL 514 BDE	GS 514 BDE	FS 514 BDE	R 514 BDE				Ball Bearing w/ Thread Guards					
GL 614 BDN	FL 614 BDN	GS 614 BDN	FS 614 BDN	R 614 BDN	150			Nylon Bushing w/ Thread Guards	120	178	183	118	130
GL 614 BDE	FL 614 BDE	GS 614 BDE	FS 614 BDE	R 614 BDE				Ball Bearing w/ Thread Guards					

Fittings/Accessories

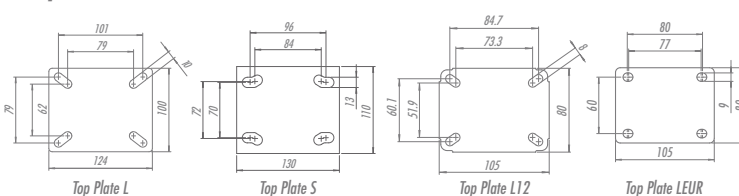
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28	EA4	27-33	S3	Ø25	T3	1" BSP
EX4	27-30			S4	40 x 40		
EX5	37-40						

L14 - S14

BIN - MOLDED RUBBER

Load capacity up to 200kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



BIN WHEEL - Molded Rubber - Hard Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber on a hard rubber core. This wheel is a lightweight, quiet and smooth rolling. It absorbs shock and vibration and is abrasion, corrosion, and chemical resistant. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	⌀ (mm)	⌢ (mm)	⌀ (pol)		KG	⌢ (mm)	⌢ (mm)	⌢ (mm)	⌢ (mm)
Reference										GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 414 BIN	FL 414 BIN	GS 414 BIN	FS 414 BIN	R 414 BIN	100				150	135	140	88	120
GL 514 BIN	FL 514 BIN	GS 514 BIN	FS 514 BIN	R 514 BIN	125	38	7/16"	Nylon Bushing	175	156	161	103	
GL 614 BIN	FL 614 BIN	GS 614 BIN	FS 614 BIN	R 614 BIN	150				200	178	183	118	130

Fittings/Accessories

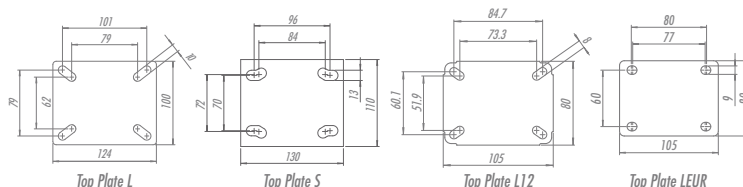
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

L14-S14








B - MOLDED RUBBER

Load capacity up to 200kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. Resistant to abrasion and chemicals. The recommended traveling speed is up to 4km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel						 (mm)				
Reference					(mm)	(mm)	(pol)		KG	GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)	
GL 414 BN	FL 414 BN	GS 414 BN	FS 414 BN	R 414 BN	100	38	7/16"	Nylon Bushing	150	135	140	88	120	
GL 414 BR	FL 414 BR	GS 414 BR	FS 414 BR	R 414 BR				Roller Bearing						
GL 414 BE	FL 414 BE	GS 414 BE	FS 414 BE	R 414 BE				Ball Bearing						
GL 514 BN	FL 514 BN	GS 514 BN	FS 514 BN	R 514 BN				125	Nylon Bushing	175	156	161	103	
GL 514 BR	FL 514 BR	GS 514 BR	FS 514 BR	R 514 BR					Roller Bearing					
GL 514 BE	FL 514 BE	GS 514 BE	FS 514 BE	R 514 BE					Ball Bearing					
GL 614 BN	FL 614 BN	GS 614 BN	FS 614 BN	R 614 BN				150	Nylon Bushing	200	178	183	118	130
GL 614 BR	FL 614 BR	GS 614 BR	FS 614 BR	R 614 BR					Roller Bearing					
GL 614 BE	FL 614 BE	GS 614 BE	FS 614 BE	R 614 BE					Ball Bearing					

Fittings/Accessories

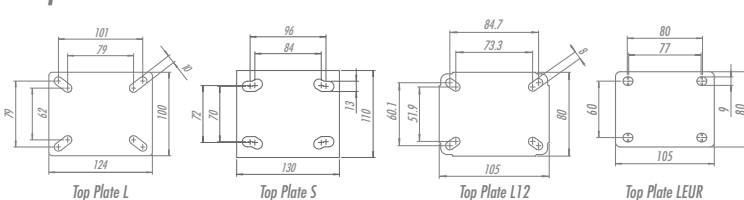
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	See table below	See table below
LES	LE	LEX	EX	EA	LEL	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section

Top Plates

Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28	EA4	27-33	S3	Ø25	T3	1" BSP
EX4	27-30			S4	40 x 40		
EX5	37-40						



L14 - S14

NU - MOLDED POLYURETHANE

Load capacity up to 300kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NU WHEEL - Molded Polyurethane on a Nylon Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an injected nylon core. The mechanical bond system ensures excellent resistance and service life. Ideal for applications on various surface and environment types. This wheel is lightweight, withstands high loads, protects the floor, requires low effort to handle, and produces a low operating noise level. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	(mm)	(mm)	(pol)		KG	(mm)			
Reference										GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 414 NUN	FL 414 NUN	GS 414 NUN	FS 414 NUN	R 414 NUN	100	38	7/16"	Nylon Bushing w/o Thread Guards	200	135	140	88	120
GL 414 NUE	FL 414 NUE	GS 414 NUE	FS 414 NUE	R 414 NUE		32		Ball Bearing w/ Thread Guards					
GL 514 NUN	FL 514 NUN	GS 514 NUN	FS 514 NUN	R 514 NUN	125	38		Nylon Bushing w/o Thread Guards	250	156	161	103	
GL 514 NUE	FL 514 NUE	GS 514 NUE	FS 514 NUE	R 514 NUE		32		Ball Bearing w/ Thread Guards					
GL 614 NUN	FL 614 NUN	GS 614 NUN	FS 614 NUN	R 614 NUN	150	38		Nylon Bushing w/o Thread Guards	300	178	183	118	130
GL 614 NUE	FL 614 NUE	GS 614 NUE	FS 614 NUE	R 614 NUE		32		Ball Bearing w/ Thread Guards					

Fittings/Accessories

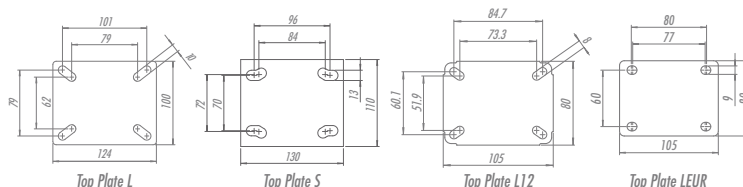
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

L14-S14



ALUMINIUM ALP

Load capacity up to 300kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



ALP WHEEL - Molded Polyurethane on an Aluminum Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant and is ideal for applications involving diverse floor types and environments. Capable for high loads, is very durable, protects the floor, requires low push-pull force, and provides a quiet roll. Excellent resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be towed at speeds up to 4 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)			
Reference										GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 414 ALPN	FL 414 ALPN	GS 414 ALPN	FS 414 ALPN	R 414 ALPN	100	38	7/16"	Nylon Bushing	300	135	140	88	120
GL 414 ALPE	FL 414 ALPE	GS 414 ALPE	FS 414 ALPE	R 414 ALPE				Ball Bearing					
GL 514 ALPN	FL 514 ALPN	GS 514 ALPN	FS 514 ALPN	R 514 ALPN	125			Nylon Bushing		156	161	103	130
GL 514 ALPE	FL 514 ALPE	GS 514 ALPE	FS 514 ALPE	R 514 ALPE				Ball Bearing					
GL 614 ALPN	FL 614 ALPN	GS 614 ALPN	FS 614 ALPN	R 614 ALPN	150			Nylon Bushing		178	183	118	130
GL 614 ALPE	FL 614 ALPE	GS 614 ALPE	FS 614 ALPE	R 614 ALPE				Ball Bearing					

Fittings/Accessories

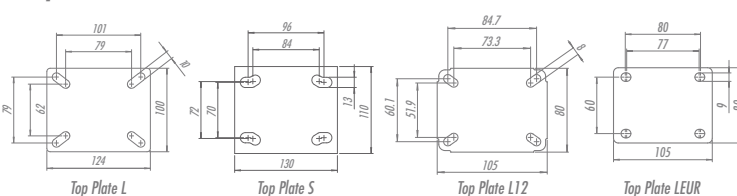
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	LEL	S

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	T1	1/2" BSP
EX1	18-21	EA2	21-27	S1	Ø38	T2	3/4" BSP
EX2	21-24			S2	Ø30	T3	1" BSP
EX3	25-28	EA4	27-33	S3	Ø25		
EX4	27-30			S4	Ø 40 x 40		
EX5	37-40						



L14 - S14

ALUMINIUM ALP SOFT

Load capacity up to 250kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



ALP SOFT WHEEL - Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It can handle high loads and protects the floor. It offers a low push-pull force, quiet operation, and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 4 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)			 (mm)		 w/o brake (mm)	 w/ brake G (mm)		
Reference										GL/FL	GS/FS				
GL 414 ALPN SOFT	FL 414 ALPN SOFT	GS 414 ALPN SOFT	FS 414 ALPN SOFT	R 414 ALPN SOFT	100	38	7/16"	Nylon Bushing	200	135	140	88	120		
GL 414 ALPE SOFT	FL 414 ALPE SOFT	GS 414 ALPE SOFT	FS 414 ALPE SOFT	R 414 ALPE SOFT				Ball Bearing							
GL 514 ALPN SOFT	FL 514 ALPN SOFT	GS 514 ALPN SOFT	FS 514 ALPN SOFT	R 514 ALPN SOFT	125			Nylon Bushing	225	156	161	103			
GL 514 ALPE SOFT	FL 514 ALPE SOFT	GS 514 ALPE SOFT	FS 514 ALPE SOFT	R 514 ALPE SOFT				Ball Bearing							
GL 614 ALPN SOFT	FL 614 ALPN SOFT	GS 614 ALPN SOFT	FS 614 ALPN SOFT	R 614 ALPN SOFT	150			Nylon Bushing	250	178	183	118	130		
GL 614 ALPE SOFT	FL 614 ALPE SOFT	GS 614 ALPE SOFT	FS 614 ALPE SOFT	R 614 ALPE SOFT				Ball Bearing							

Fittings/Accessories

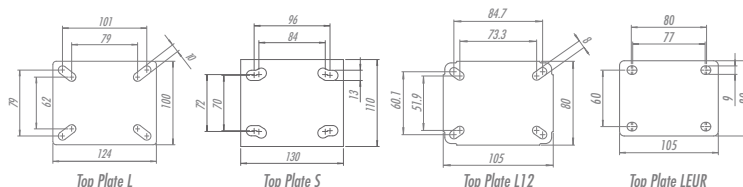
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

L14-S14










ALUMINIUM ALPSS SOFT

Load capacity up to 300kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



ALPSS SOFT WHEEL - Extra Thick Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium, extra thick, molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It withstands high loads, protects the floor, has a low push-pull force, low noise level and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 16 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel						 (mm)			
Reference					(mm)	(mm)	(pol)		KG	GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 514 ALPSSE SOFT	FL 514 ALPSSE SOFT	GS 514 ALPSSE SOFT	FS 514 ALPSSE SOFT	R 514 ALPSSE SOFT	125	38	7/16"	Ball Bearing	300	156	161	103	120
GL 614 ALPSSE SOFT	FL 614 ALPSSE SOFT	GS 614 ALPSSE SOFT	FS 614 ALPSSE SOFT	R 614 ALPSSE SOFT	150					178	183	118	130

Fittings/Accessories

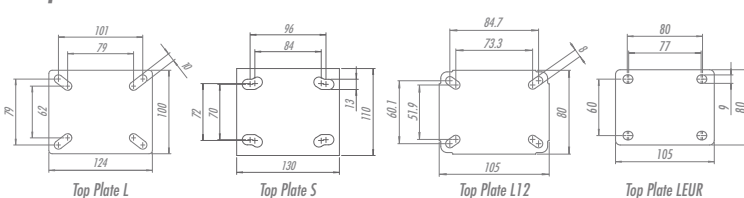
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28	EA4	27-33	S3	Ø25	T3	1" BSP
EX4	27-30			S4	40 x 40		
EX5	37-40						



L14-S14










P - MOLDED POLYURETHANE

Load capacity up to 300kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be used at speeds up to 4km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel						 (mm)	 (mm)	 (mm)	 (mm)
Reference					(mm)	(mm)	(pol)		KG	GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 414 PN	FL 414 PN	GS 414 PN	FS 414 PN	R 414 PN	100	38	7/16"	Nylon Bushing	300	135	140	88	120
GL 414 PR	FL 414 PR	GS 414 PR	FS 414 PR	R 414 PR				Roller Bearing					
GL 414 PE	FL 414 PE	GS 414 PE	FS 414 PE	R 414 PE				Ball Bearing					
GL 514 PN	FL 514 PN	GS 514 PN	FS 514 PN	R 514 PN	125			Nylon Bushing	300	156	161	103	130
GL 514 PR	FL 514 PR	GS 514 PR	FS 514 PR	R 514 PR				Roller Bearing					
GL 514 PE	FL 514 PE	GS 514 PE	FS 514 PE	R 514 PE				Ball Bearing					
GL 614 PN	FL 614 PN	GS 614 PN	FS 614 PN	R 614 PN	150			Nylon Bushing	300	178	183	118	130
GL 614 PR	FL 614 PR	GS 614 PR	FS 614 PR	R 614 PR				Roller Bearing					
GL 614 PE	FL 614 PE	GS 614 PE	FS 614 PE	R 614 PE				Ball Bearing					

Fittings/Accessories

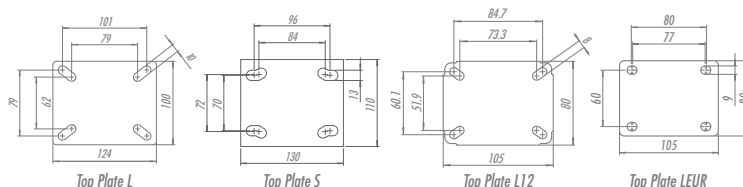
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	T1	1/2" BSP
EX1	18-21	EA2	21-27	S1	Ø38	T2	3/4" BSP
EX2	21-24			S2	Ø30		
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

L14-S14

C - PHENOLIC RESIN

Load capacity up to 300kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	(mm)	(mm)	(pol)		KG	(mm)	(mm)	w/o brake (mm)	w/ brake G (mm)
Reference										GL/FL	GS/FS		
GL 414 C	FL 414 C	GS 414 C	FS 414 C	R 414 C	100	38	7/16"	Plain Bearing	200	135	140	88	120
GL 514 C	FL 514 C	GS 514 C	FS 514 C	R 514 C	125				300	156	161	103	
GL 614 C	FL 614 C	GS 614 C	FS 614 C	R 614 C	150					178	183	118	130

Fittings/Accessories

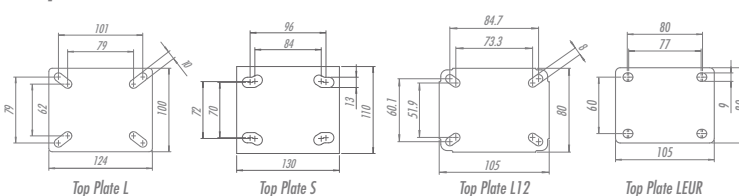
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28	EA4	27-33	S3	Ø25	T3	1" BSP
EX4	27-30			S4	40 x 40		
EX5	37-40						

L14-S14










F - CAST IRON

Load capacity up to 300kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel						 (mm)			
Reference					(mm)	(mm)	(pol)			GL/FL	GS/FS	w/o brake (mm)	w/ brake G (mm)
GL 414 FN	FL 414 FN	GS 414 FN	FS 414 FN	R 414 FN	100	38	7/16"	Plain Bearing	300	135	140	88	120
GL 414 FR	FL 414 FR	GS 414 FR	FS 414 FR	R 414 FR				Roller Bearing					
GL 414 FE	FL 414 FE	GS 414 FE	FS 414 FE	R 414 FE				Ball Bearing					
GL 514 FN	FL 514 FN	GS 514 FN	FS 514 FN	R 514 FN	125			Plain Bearing	300	156	161	103	130
GL 514 FR	FL 514 FR	GS 514 FR	FS 514 FR	R 514 FR				Roller Bearing					
GL 514 FE	FL 514 FE	GS 514 FE	FS 514 FE	R 514 FE				Ball Bearing					
GL 614 FN	FL 614 FN	GS 614 FN	FS 614 FN	R 614 FN	150			Plain Bearing	300	178	183	118	130
GL 614 FR	FL 614 FR	GS 614 FR	FS 614 FR	R 614 FR				Roller Bearing					
GL 614 FE	FL 614 FE	GS 614 FE	FS 614 FE	R 614 FE				Ball Bearing					

Fittings/Accessories

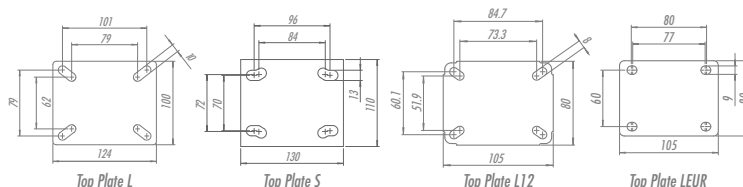
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	THREAD
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	T1	1/2" BSP
EX1	18-21	EA2	21-27	S1	Ø38	T2	3/4" BSP
EX2	21-24			S2	Ø30		
EX3	25-28			S3	Ø25		
EX4	27-30	EA4	27-33	S4	40 x 40	T3	1" BSP
EX5	37-40						

L16

BP - PVC


Load capacity up to 200kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.




BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C).
Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/brake G (mm)	w/ brake S (mm)	
GL 816 BPN	FL 816 BPN	R 816 BPN	200	41	5/8"	Nylon Bushing	150	241	155	155	-	
GL 816 BPE	FL 816 BPE	R 816 BPE				Ball Bearing						
GL 916 BPN	FL 916 BPN	R 916 BPN	225			Nylon Bushing	170	280	180	180		
GL 916 BPE	FL 916 BPE	R 916 BPE				Ball Bearing						
GL 1016 BPN	FL 1016 BPN	R 1016 BPN	250			Nylon Bushing	200	294	193	193		
GL 1016 BPE	FL 1016 BPE	R 1016 BPE				Ball Bearing						

Fittings/Accessories

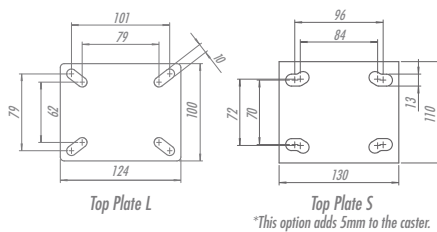
						
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	LEL	S
						T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake Options



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°		THREAD	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)				
EX1	18-21	EA2	21-27	S1	Ø38	T1		1/2" BSP	
EX2	21-24			S2	Ø30	T2		3/4" BSP	
EX3	25-28			S3	Ø25	T3		1" BSP	
EX4	27-30	EA4	27-33	S4	40 x 40				
EX5	37-40								

L16

SP - EXTRASOFT RUBBER










Load capacity up to 170kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.




SP WHEEL - Extrasoft Thermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C).

Injected wheel manufactured with extrasoft thermoplastic rubber on a polypropylene copolymer core. It features an extremely low operating noise level and excellent vibration reduction. Indicated for light load handling, this non-marking wheel offers excellent floor protection and good resistance to impact and chemicals. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/brake G (mm)	w/ brake S (mm)	
GL 816 SPN	FL 816 SPN	R 816 SPN	200	41	5/8"	Nylon Bushing	150	241	155	155	-	
GL 816 SPE	FL 816 SPE	R 816 SPE				Ball Bearing						
GL 916 SPN	FL 916 SPN	R 916 SPN	225			Nylon Bushing	170	280	180	180		
GL 916 SPE	FL 916 SPE	R 916 SPE				Ball Bearing						
GL 1016 SPN	FL 1016 SPN	R 1016 SPN	250			Nylon Bushing	170	294	193	193		
GL 1016 SPE	FL 1016 SPE	R 1016 SPE				Ball Bearing						

Fittings/Accessories

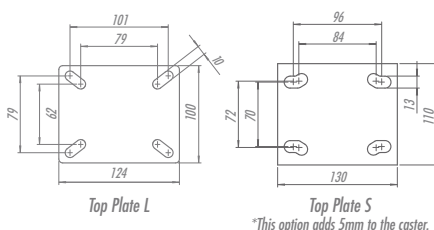
							
Hole Center	Threaded Stem		Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below	See table below
LES	LE	LEX	EX	EA	LEL	S	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake Options



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°		THREAD	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)				
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP	T2	3/4" BSP
EX2	21-24			S2	Ø30				
EX3	25-28			S3	Ø25				
EX4	27-30	EA4	27-33	S4	40 x 40	T3	1" BSP		
EX5	37-40								

L16

TB - THERMOPLASTIC RUBBER










Load capacity up to 210kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.




TB WHEEL - Thermoplastic Rubber. Hardness: 80 Shore A. (-20°C to +70°C).

Manufactured with thermoplastic rubber on a polypropylene copolymer core. This non-marking wheel offers excellent floor protection, soft and quiet rolling, smooth handling and maneuverability, impact resistance, a low deformation index under load, and excellent abrasion resistance. It also has great resistance to inclement weather and compounds such as salt, and grease. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel											
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/brake G (mm)	w/ brake S (mm)		
GL 816 TBN	FL 816 TBN	R 816 TBN	200	41	5/8"	Nylon Bushing	165	241	155	155	-		
GL 816 TBE	FL 816 TBE	R 816 TBE				Ball Bearing							
GL 916 TBN	FL 916 TBN	R 916 TBN	225			Nylon Bushing	185	280	180	-	180		
GL 916 TBE	FL 916 TBE	R 916 TBE				Ball Bearing							
GL 1016 TBN	FL 1016 TBN	R 1016 TBN	250			Nylon Bushing	210	294	193	-	193		
GL 1016 TBE	FL 1016 TBE	R 1016 TBE				Ball Bearing							

Fittings/Accessories

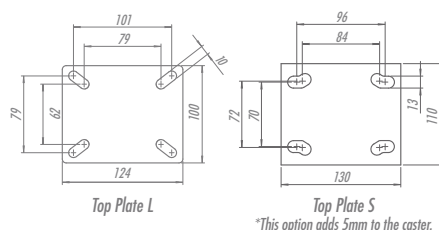
						
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	LEL	S
						T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake Options



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28	EA4	27-33	S3	Ø25	T3	1" BSP
EX4	27-30			S4	40 x 40		
EX5	37-40						

L16

TP - THERMOPLASTIC COMPOUND










Load capacity up to 210kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.




TP WHEEL - Thermoplastic Compound. Hardness: 85 Shore A. (-10°C to +50°C).

Manufactured with a recyclable thermoplastic compound on a polypropylene copolymer core. It offers soft and quiet rolling, great floor protection, excellent chemical, wear, and impact resistance resulting in a excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/brake G (mm)	w/ brake S (mm)	
GL 816 TPN	FL 816 TPN	R 816 TPN	200	41	5/8"	Nylon Bushing	165	241	155	155	-	
GL 816 TPE	FL 816 TPE	R 816 TPE				Ball Bearing						
GL 916 TPN	FL 916 TPN	R 916 TPN	225			Nylon Bushing	185	280	180	180		
GL 916 TPE	FL 916 TPE	R 916 TPE				Ball Bearing						
GL 1016 TPN	FL 1016 TPN	R 1016 TPN	250			Nylon Bushing	210	294	193	193		
GL 1016 TPE	FL 1016 TPE	R 1016 TPE				Ball Bearing						

Fittings/Accessories

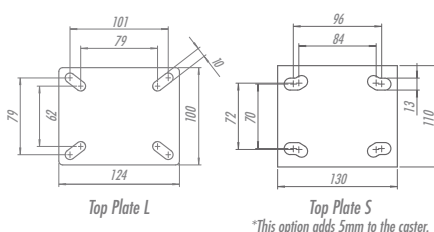
						
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	LEL	T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake Options



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

L16

UP - POLYURETHANE THERMOPLASTIC










Load capacity up to 250kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.










UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C).

Manufactured with recyclable thermoplastic elastollan polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel											
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/brake G (mm)	w/ brake S (mm)		
GL 816 UPN	FL 816 UPN	R 816 UPN	200	41	5/8"	Nylon Bushing	200	241	155	155	-		
GL 816 UPE	FL 816 UPE	R 816 UPE				Ball Bearing							
GL 916 UPN	FL 916 UPN	R 916 UPN	225			Nylon Bushing	220	280	180		180		
GL 916 UPE	FL 916 UPE	R 916 UPE				Ball Bearing							
GL 1016 UPN	FL 1016 UPN	R 1016 UPN	250			Nylon Bushing	250	294	193		193		
GL 1016 UPE	FL 1016 UPE	R 1016 UPE				Ball Bearing							

Fittings/Accessories

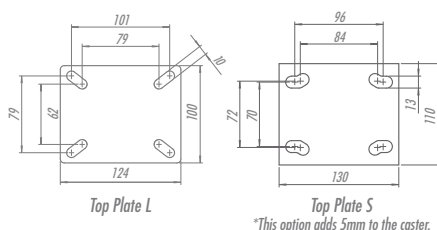
						
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	LEL	S
						T

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake Options



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°		THREAD	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)				
EX1	18-21	EA2	21-27	S1	Ø38	T1		1/2" BSP	
EX2	21-24			S2	Ø30	T2		3/4" BSP	
EX3	25-28	EA4	27-33	S3	Ø25	T3		1" BSP	
EX4	27-30			S4	40 x 40				
EX5	37-40								

L16

NP - POLYPROPYLENE










Load capacity up to 250kg

Rig made of stamped steel plate with double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NP WHEEL - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C).

Injected wheel manufactured with a recyclable polypropylene copolymer tread and core. Indicated for light and medium loads, it rolls very easily and requires low handling effort. Its has good resistance to chemicals, moderate impact, and deformation under static loads, which demonstrate an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel											
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/brake G (mm)	w/ brake S (mm)		
GL 816 NPN	FL 816 NPN	R 816 NPN	200	41	5/8"	Nylon Bushing	200	241	155	155	-		
GL 816 NPE	FL 816 NPE	R 816 NPE				Ball Bearing							
GL 916 NPN	FL 916 NPN	R 916 NPN	225			Nylon Bushing	220	280	180		180		
GL 916 NPE	FL 916 NPE	R 916 NPE				Ball Bearing							
GL 1016 NPN	FL 1016 NPN	R 1016 NPN	250			Nylon Bushing	250	294	193		193		
GL 1016 NPE	FL 1016 NPE	R 1016 NPE				Ball Bearing							

Fittings/Accessories

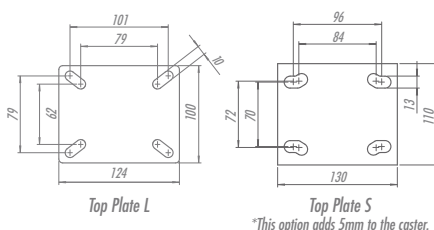
						
Hole Center	Threaded Stem	Rubber Expander	Aluminum Expander	Plain Stem	Nylon Socket	Cap's
16mm	1/2"NC X 25mm	1/2"NC X 64mm	See table below	See table below	Ø7/16" X 50mm	See table below
LES	LE	LEX	EX	EA	LEL	S

PS: STEM FITTINGS: OVERALL HEIGHT IS 3 MM LOWER.

Swivel Section



Top Plates



Brake Options



RUBBER EXPANDING ADAPTER		ALUMINUM EXPANDING ADAPTER		NYLON SOCKET FITTING		CAPS N°	
REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)	REFERENCE	SIZE (mm)		THREAD
EX1	18-21	EA2	21-27	S1	Ø38	T1	1/2" BSP
EX2	21-24			S2	Ø30	T2	3/4" BSP
EX3	25-28			S3	Ø25	T3	1" BSP
EX4	27-30	EA4	27-33	S4	40 x 40		
EX5	37-40						

GSA - GMA









BP - PVC

Load capacity up to 300kg

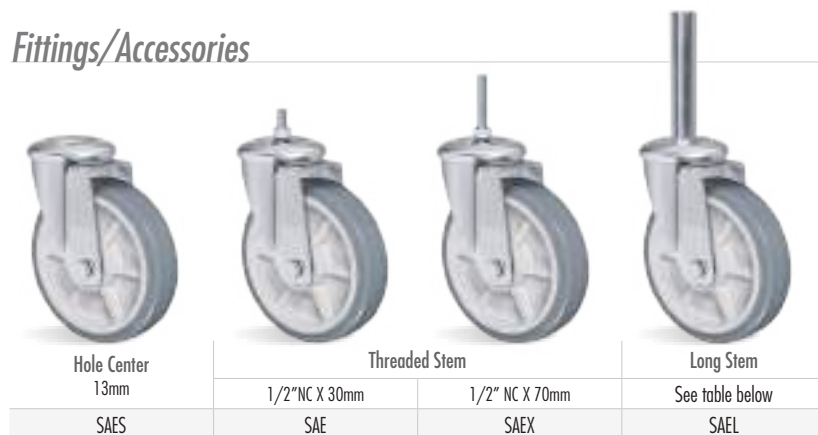
Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)
Reference												
GSA 52 BPN	FSA 52 BPN	GMA 52 BPN	FMA 52 BPN	R 52 BPN	125	50	1/2"	Nylon Bushing	200	165	110	110
GSA 52 BPR	FSA 52 BPR	GMA 52 BPR	FMA 52 BPR	R 52 BPR				Roller Bearing				
GSA 52 BPE	FSA 52 BPE	GMA 52 BPE	FMA 52 BPE	R 52 BPE				Ball Bearing				
GSA 62 BPN	FSA 62 BPN	GMA 62 BPN	FMA 62 BPN	R 62 BPN				Nylon Bushing	250	196	122	128
GSA 62 BPR	FSA 62 BPR	GMA 62 BPR	FMA 62 BPR	R 62 BPR				Roller Bearing				
GSA 62 BPE	FSA 62 BPE	GMA 62 BPE	FMA 62 BPE	R 62 BPE				Ball Bearing				
GSA 82 BPN	FSA 82 BPN	GMA 82 BPN	FMA 82 BPN	R 82 BPN				Nylon Bushing	300	240	158	158
GSA 82 BPE	FSA 82 BPE	GMA 82 BPE	FMA 82 BPE	R 82 BPE				Ball Bearing				

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

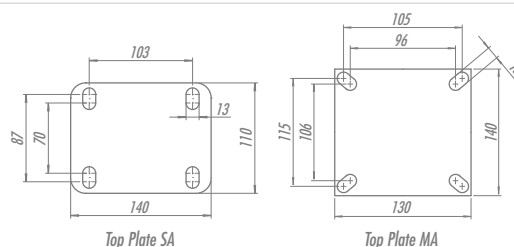
Swivel Section



Brake Options



Top Plates



LONG STEM FITTING

CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA









SP - EXTRASOFT RUBBER

Load capacity up to 300kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



SP WHEEL - Extrasoft Thermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C). Injected wheel manufactured with extrasoft thermoplastic rubber on a polypropylene copolymer core. It features an extremely low operating noise level and excellent vibration reduction. Indicated for light load handling, this non-marking wheel offers excellent floor protection and good resistance to impact and chemicals. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel								
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GSA 52 SPN	FSA 52 SPN	GMA 52 SPN	FMA 52 SPN	R 52 SPN	125	50	1/2"	Nylon Bushing	200	165	110	110
GSA 52 SPR	FSA 52 SPR	GMA 52 SPR	FMA 52 SPR	R 52 SPR				Roller Bearing				
GSA 52 SPE	FSA 52 SPE	GMA 52 SPE	FMA 52 SPE	R 52 SPE				Ball Bearing				
GSA 62 SPN	FSA 62 SPN	GMA 62 SPN	FMA 62 SPN	R 62 SPN	150			Nylon Bushing	250	196	122	128
GSA 62 SPR	FSA 62 SPR	GMA 62 SPR	FMA 62 SPR	R 62 SPR				Roller Bearing				
GSA 62 SPE	FSA 62 SPE	GMA 62 SPE	FMA 62 SPE	R 62 SPE				Ball Bearing				
GSA 82 SPN	FSA 82 SPN	GMA 82 SPN	FMA 82 SPN	R 82 SPN	200			Nylon Bushing	300	240	158	158
GSA 82 SPE	FSA 82 SPE	GMA 82 SPE	FMA 82 SPE	R 82 SPE				Ball Bearing				

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

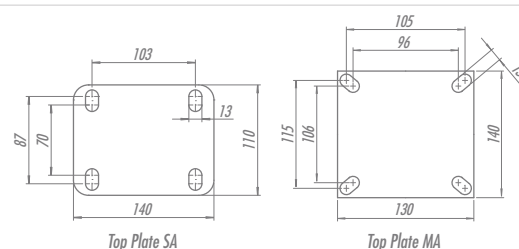
Swivel Section



Brake Options



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA









TB - THERMOPLASTIC RUBBER

Load capacity up to 300kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



TB WHEEL - Thermoplastic Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with thermoplastic rubber on a polypropylene copolymer core. This non-marking wheel offers excellent floor protection, soft and quiet rolling, smooth handling and maneuverability, impact resistance, a low deformation index under load, and excellent abrasion resistance. It also has great resistance to inclement weather and compounds such as salt, and grease. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)
Reference												
GSA 52 TBN	FSA 52 TBN	GMA 52 TBN	FMA 52 TBN	R 52 TBN	125	50	1/2"	Nylon Bushing	200	165	110	110
GSA 52 TBR	FSA 52 TBR	GMA 52 TBR	FMA 52 TBR	R 52 TBR				Roller Bearing				
GSA 52 TBE	FSA 52 TBE	GMA 52 TBE	FMA 52 TBE	R 52 TBE				Ball Bearing				
GSA 62 TBN	FSA 62 TBN	GMA 62 TBN	FMA 62 TBN	R 62 TBN				Nylon Bushing	250	196	122	128
GSA 62 TBR	FSA 62 TBR	GMA 62 TBR	FMA 62 TBR	R 62 TBR				Roller Bearing				
GSA 62 TBE	FSA 62 TBE	GMA 62 TBE	FMA 62 TBE	R 62 TBE				Ball Bearing				
GSA 82 TBN	FSA 82 TBN	GMA 82 TBN	FMA 82 TBN	R 82 TBN	200	50	1/2"	Nylon Bushing	300	240	158	158
GSA 82 TBE	FSA 82 TBE	GMA 82 TBE	FMA 82 TBE	R 82 TBE				Ball Bearing				

Fittings/Accessories

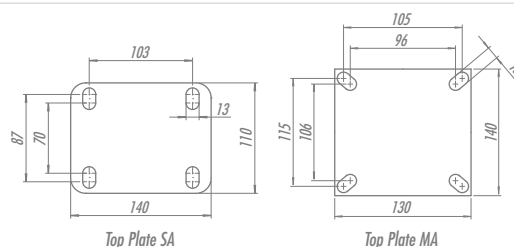


PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

Swivel Section



Top Plates



Brake Options



LONG STEM FITTING

CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA









TP - THERMOPLASTIC COMPOUND

Load capacity up to 300kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



TP WHEEL - Thermoplastic Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a recyclable thermoplastic compound on a polypropylene copolymer core. It offers soft and quiet rolling, great floor protection, excellent chemical, wear, and impact resistance resulting in a excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel								
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GSA 52 TPN	FSA 52 TPN	GMA 52 TPN	FMA 52 TPN	R 52 TPN	125	50	1/2"	Nylon Bushing	200	165	110	110
GSA 52 TPR	FSA 52 TPR	GMA 52 TPR	FMA 52 TPR	R 52 TPR				Roller Bearing				
GSA 52 TPE	FSA 52 TPE	GMA 52 TPE	FMA 52 TPE	R 52 TPE				Ball Bearing				
GSA 62 TPN	FSA 62 TPN	GMA 62 TPN	FMA 62 TPN	R 62 TPN	150			Nylon Bushing	250	196	122	128
GSA 62 TPR	FSA 62 TPR	GMA 62 TPR	FMA 62 TPR	R 62 TPR				Roller Bearing				
GSA 62 TPE	FSA 62 TPE	GMA 62 TPE	FMA 62 TPE	R 62 TPE				Ball Bearing				
GSA 82 TPN	FSA 82 TPN	GMA 82 TPN	FMA 82 TPN	R 82 TPN	200			Nylon Bushing	300	240	158	158
GSA 82 TPE	FSA 82 TPE	GMA 82 TPE	FMA 82 TPE	R 82 TPE				Ball Bearing				

Fittings/Accessories

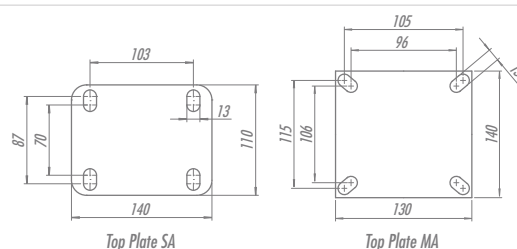


PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

Swivel Section



Top Plates



Brake Options



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA

UP - POLYURETHANE THERMOPLASTIC

Load capacity up to 550kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.







Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel
Reference				
GSA 52 UPN	FSA 52 UPN	GMA 52 UPN	FMA 52 UPN	R 52 UPN
GSA 52 UPR	FSA 52 UPR	GMA 52 UPR	FMA 52 UPR	R 52 UPR
GSA 52 UPE	FSA 52 UPE	GMA 52 UPE	FMA 52 UPE	R 52 UPE
GSA 62 UPN	FSA 62 UPN	GMA 62 UPN	FMA 62 UPN	R 62 UPN
GSA 62 UPR	FSA 62 UPR	GMA 62 UPR	FMA 62 UPR	R 62 UPR
GSA 62 UPE	FSA 62 UPE	GMA 62 UPE	FMA 62 UPE	R 62 UPE
GSA 82 UPN	FSA 82 UPN	GMA 82 UPN	FMA 82 UPN	R 82 UPN
GSA 82 UPE	FSA 82 UPE	GMA 82 UPE	FMA 82 UPE	R 82 UPE

UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C). Manufactured with recyclable thermoplastic elastomer polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.

 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)
125	50	1/2"	Nylon Bushing	350	165	110	110
			Roller Bearing				
			Ball Bearing				
150			Nylon Bushing	400	196	122	128
			Roller Bearing				
			Ball Bearing				
200			Nylon Bushing	550	240	158	158
			Ball Bearing				



Fittings/Accessories

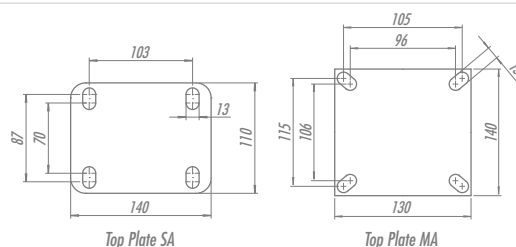
			
Hole Center 13mm	Threaded Stem		Long Stem
	1/2" NC X 30mm	1/2" NC X 70mm	See table below
SAES	SAE	SAEX	SAEL

PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

Swivel Section



Top Plates



Brake Options



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA








NT - TECHNICAL NYLON

Load capacity up to 550kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with high quality Nylon 6, both tread and core. It is light, has excellent mechanical resistance, and rolls very easily requiring less effort in maneuvering. Ideal for applications in wet environments, it is resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel								
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GSA 52 NTN	FSA 52 NTN	GMA 52 NTN	FMA 52 NTN	R 52 NTN	125	50	1/2"	Nylon Bushing	500	165	110	110
GSA 52 NTR	FSA 52 NTR	GMA 52 NTR	FMA 52 NTR	R 52 NTR				Roller Bearing				
GSA 52 NTE	FSA 52 NTE	GMA 52 NTE	FMA 52 NTE	R 52 NTE				Ball Bearing				
GSA 62 NTN	FSA 62 NTN	GMA 62 NTN	FMA 62 NTN	R 62 NTN	150			Nylon Bushing	550	196	122	128
GSA 62 NTR	FSA 62 NTR	GMA 62 NTR	FMA 62 NTR	R 62 NTR				Roller Bearing				
GSA 62 NTE	FSA 62 NTE	GMA 62 NTE	FMA 62 NTE	R 62 NTE				Ball Bearing				
GSA 82 NTN	FSA 82 NTN	GMA 82 NTN	FMA 82 NTN	R 82 NTN	200			Nylon Bushing		240	158	158
GSA 82 NTE	FSA 82 NTE	GMA 82 NTE	FMA 82 NTE	R 82 NTE				Ball Bearing				

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

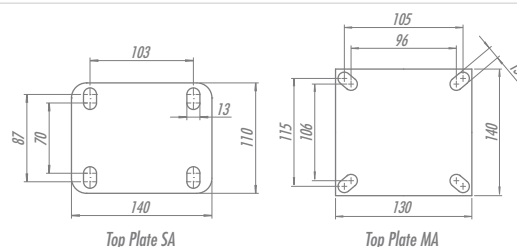
Swivel Section



Brake Options











Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

Load capacity up to 550kg



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel								
Reference					(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)
GSA 52 NTT	FSA 52 NTT	GMA 52 NTT	FMA 52 NTT	R 52 NTT	125	50	1/2"	Plain Bearing	500	165	110	110
GSA 52 NTTR	FSA 52 NTTR	GMA 52 NTTR	FMA 52 NTTR	R 52 NTTR				Roller Bearing				
GSA 52 NTTE	FSA 52 NTTE	GMA 52 NTTE	FMA 52 NTTE	R 52 NTTE				Ball Bearing				
GSA 62 NTT	FSA 62 NTT	GMA 62 NTT	FMA 62 NTT	R 62 NTT	150	50	1/2"	Plain Bearing	550	196	122	128
GSA 62 NTTR	FSA 62 NTTR	GMA 62 NTTR	FMA 62 NTTR	R 62 NTTR				Roller Bearing				
GSA 62 NTTE	FSA 62 NTTE	GMA 62 NTTE	FMA 62 NTTE	R 62 NTTE				Ball Bearing				

Fittings/Accessories



Hole Center 13mm	Threaded Stem		Long Stem
	1/2" NC X 30mm	1/2" NC X 70mm	See table below
SAES	SAE	SAEX	SAEL

PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

Swivel Section



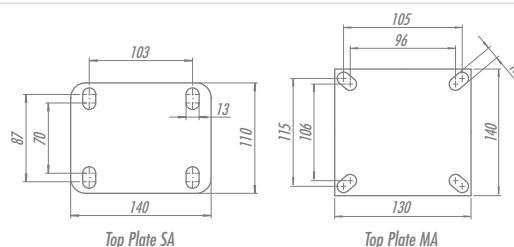
Brake Options



FP
Total Lock Brake

FL
Side Lock Wheel Brake

Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA

STR - RUBBER

Load capacity up to 250kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.









Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel
Reference				
GSA 62 STRE	FSA 62 STRE	GMA 62 STRE	FMA 62 STRE	R 62 STRE
GSA 62 STRE BPE	FSA 62 STRE BPE	GMA 62 STRE BPE	FMA 62 STRE BPE	R 62 STRE BPE
GSA 62 STRE SPE	FSA 62 STRE SPE	GMA 62 STRE SPE	FMA 62 STRE SPE	R 62 STRE SPE

STR WHEEL - Thermoplastic Rubber. Hardness: 70 Shore A. (-20°C to +70°C). Manufactured with recyclable thermoplastic rubber on a polypropylene copolymer core. The tread profile has a grooved pattern that allows greater grip on indoor and outdoor flooring. It provides smooth, quiet running, excellent floor protection and chemical resistance, great wear and impact resistance. The recommended traveling speed is up to 4km/h.

STR BPE WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C).

STR SPE WHEEL - Extrasoft Thermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C).

							
(mm)	(mm)	(pol)	Ball Bearing	KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
150	50	1/2"	Ball Bearing	250	196	121	187

Wheel Types



	STRE	STRE BPE	STRE SPE
HARDNESS	70 Shore A	85 Shore A	65 Shore A
TEMPERATURE	-20°C up to +70°C	-10°C up to +50°C	-10°C up to +50°C

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

Swivel Section



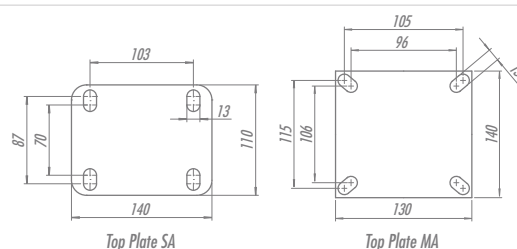
Brake Options



FP
Total Lock Brake

FL
Side Lock Wheel Brake

Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	








GSA - GMA

RIT-PP - PNEUMATIC

Load capacity up to 70kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)
Reference											
GSA 2504 PPN	FSA 2504 PPN	GMA 2504 PPN	FMA 2504 PPN	RIT 2504 PPN	215	60	1/2"	Nylon Bushing	70	251	165
GSA 2504 PPR	FSA 2504 PPR	GMA 2504 PPR	FMA 2504 PPR	RIT 2504 PPR				Roller Bearing			
GSA 2504 PPE	FSA 2504 PPE	GMA 2504 PPE	FMA 2504 PPE	RIT 2504 PPE				Ball Bearing			

Fittings/Accessories



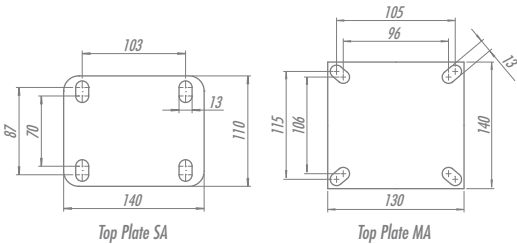
 Hole Center 13mm SAES	 Threaded Stem 1/2"NC X 30mm SAE		 Long Stem 1/2" NC X 70mm SAEX
	 See table below SAEL		

PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

Swivel Section



Top Plates



RIT PP - Pneumatic WHEEL - Nylon Core (-20°C to +50°C) - Tire Pressure: 30 lb/pol². Manufactured with tire and inner tube on an injected nylon core. This wheel is used for uneven floors where easy handling, impact absorption and vibration damping is required. It offers easy maintenance and its components can be supplied separately. The recommended traveling speed is up to 4km/h.

Brake



FL
Side Lock Wheel Brake

LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA








RIT-PC - PNEUMATIC

Load capacity up to 70kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



RIT PC - Pneumatic WHEEL - Stamped Steel Plate Core. (-20°C to +50°C) - Tire Pressure: 30 lb/pol². Manufactured with tire and inner tube on a stamped zinc-plated carbon steel core. This wheel is used for uneven floors where easy handling, impact absorption and vibration damping is required. It offers easy maintenance and its components can be supplied separately. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)
Reference											
GSA 2504 PCN	FSA 2504 PCN	GMA 2504 PCN	FMA 2504 PCN	RIT 2504 PCN	215	60	1/2"	Nylon Bushing	70	251	165
GSA 2504 PCR	FSA 2504 PCR	GMA 2504 PCR	FMA 2504 PCR	RIT 2504 PCR				Roller Bearing			
GSA 2504 PCE	FSA 2504 PCE	GMA 2504 PCE	FMA 2504 PCE	RIT 2504 PCE				Ball Bearing			

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

Swivel Section

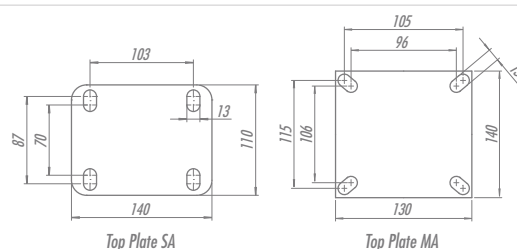


Brake



FL
Side Lock Wheel Brake

Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA









B - MOLDED RUBBER

Load capacity up to 350kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. Resistant to abrasion and chemicals. The recommended traveling speed is up to 4km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel								
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GSA 52 BN	FSA 52 BN	GMA 52 BN	FMA 52 BN	R 52 BN	125	50	1/2"	Nylon Bushing	250	165	110	110
GSA 52 BR	FSA 52 BR	GMA 52 BR	FMA 52 BR	R 52 BR				Roller Bearing				
GSA 52 BE	FSA 52 BE	GMA 52 BE	FMA 52 BE	R 52 BE				Ball Bearing				
GSA 62 BN	FSA 62 BN	GMA 62 BN	FMA 62 BN	R 62 BN	150			Nylon Bushing	300	196	122	128
GSA 62 BR	FSA 62 BR	GMA 62 BR	FMA 62 BR	R 62 BR				Roller Bearing				
GSA 62 BE	FSA 62 BE	GMA 62 BE	FMA 62 BE	R 62 BE				Ball Bearing				
GSA 82 BN	FSA 82 BN	GMA 82 BN	FMA 82 BN	R 82 BN	200			Nylon Bushing	350	240	158	158
GSA 82 BR	FSA 82 BR	GMA 82 BR	FMA 82 BR	R 82 BR				Roller Bearing				
GSA 82 BE	FSA 82 BE	GMA 82 BE	FMA 82 BE	R 82 BE				Ball Bearing				

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

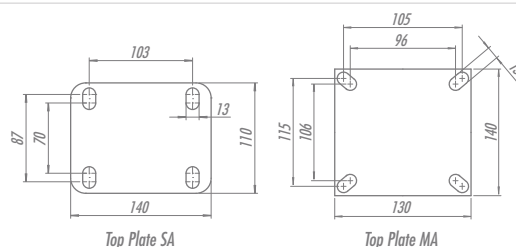
Brake Options



Swivel Section



Top Plates



LONG STEM FITTING

CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	



GSA - GMA









NU - MOLDED POLYURETHANE

Load capacity up to 550kg

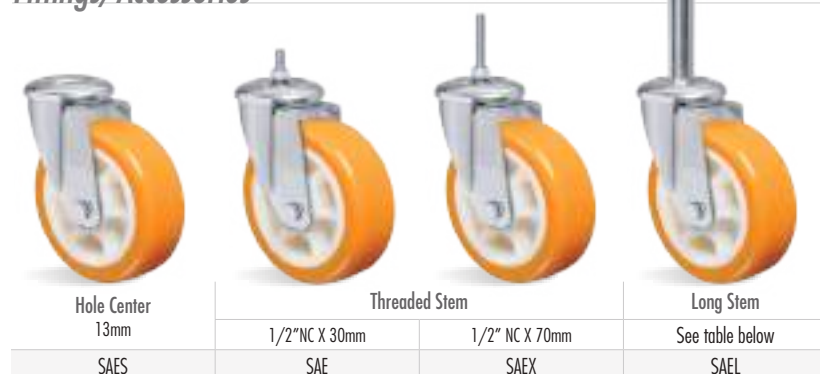
Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



NU WHEEL - Molded Polyurethane on a Nylon Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an injected nylon core. The mechanical bond system ensures excellent resistance and service life. Ideal for applications on various surface and environment types. This wheel is lightweight, withstands high loads, protects the floor, requires low effort to handle, and produces a low operating noise level. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel								
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GSA 52 NUN	FSA 52 NUN	GMA 52 NUN	FMA 52 NUN	R 52 NUN	125	50	1/2"	Nylon Bushing	500	165	110	110
GSA 52 NUR	FSA 52 NUR	GMA 52 NUR	FMA 52 NUR	R 52 NUR				Roller Bearing				
GSA 52 NUE	FSA 52 NUE	GMA 52 NUE	FMA 52 NUE	R 52 NUE				Ball Bearing				
GSA 62 NUN	FSA 62 NUN	GMA 62 NUN	FMA 62 NUN	R 62 NUN	150			Nylon Bushing	550	196	122	128
GSA 62 NUR	FSA 62 NUR	GMA 62 NUR	FMA 62 NUR	R 62 NUR				Roller Bearing				
GSA 62 NUE	FSA 62 NUE	GMA 62 NUE	FMA 62 NUE	R 62 NUE				Ball Bearing				
GSA 82 NUN	FSA 82 NUN	GMA 82 NUN	FMA 82 NUN	R 82 NUN	200			Nylon Bushing		240	158	158
GSA 82 NUE	FSA 82 NUE	GMA 82 NUE	FMA 82 NUE	R 82 NUE				Ball Bearing				

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

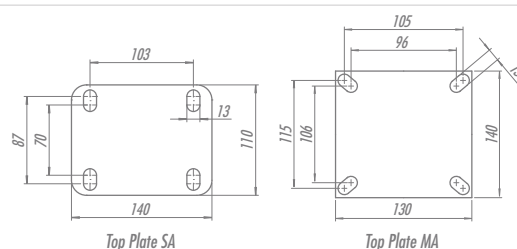
Swivel Section



Brake Options



Top Plates











LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

Load capacity up to 550kg



The image displays two views of a castor wheel. On the left is a side view showing the orange rubber tire, the metal hub, and the mounting bracket. On the right is a front view showing the same components from the opposite angle, highlighting the mounting plate and the internal structure of the wheel.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel								
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GSA 52 ALPE	FSA 52 ALPE	GMA 52 ALPE	FMA 52 ALPE	R 52 ALPE	125	50	1/2"	Ball Bearing	500	165	110	110
GSA 62 ALPE	FSA 62 ALPE	GMA 62 ALPE	FMA 62 ALPE	R 62 ALPE	150				550	196	122	128
GSA 82 ALPE	FSA 82 ALPE	GMA 82 ALPE	FMA 82 ALPE	R 82 ALPE	200				240	158	158	

Fittings/Accessories

Hole Center 13mm	Threaded Stem		Long Stem
SAES	1/2" NC X 30mm SAE	1/2" NC X 70mm SAEX	See table below SAEL

Options



FP
Total Lock Brake



FL
Side Lock Wheel Brake

128



GSA - GMA

ALUMINIUM ALP SOFT

Load capacity up to 400kg

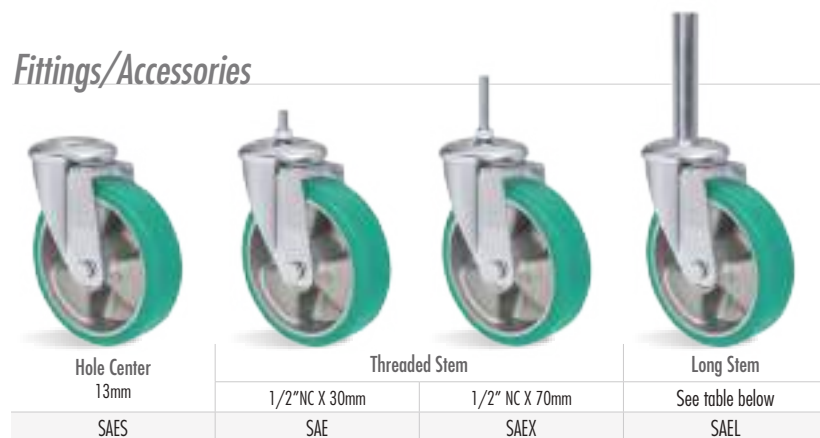
Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



ALP SOFT WHEEL - Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It can handle high loads and protects the floor. It offers a low push-pull force, quiet operation, and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 4 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	Ø (mm)	Stem (mm)	Pol (pol)	Icon	KG	W/o brake (mm)	w/ brake FP (mm)	w/ brake FL (mm)
Reference												
GSA 52 ALPE SOFT	FSA 52 ALPE SOFT	GMA 52 ALPE SOFT	FMA 52 ALPE SOFT	R 52 ALPE SOFT	125	50	1/2"	Ball Bearing	300	165	110	110
GSA 62 ALPE SOFT	FSA 62 ALPE SOFT	GMA 62 ALPE SOFT	FMA 62 ALPE SOFT	R 62 ALPE SOFT	150				350	196	122	128
GSA 82 ALPE SOFT	FSA 82 ALPE SOFT	GMA 82 ALPE SOFT	FMA 82 ALPE SOFT	R 82 ALPE SOFT	200				400	240	158	158

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

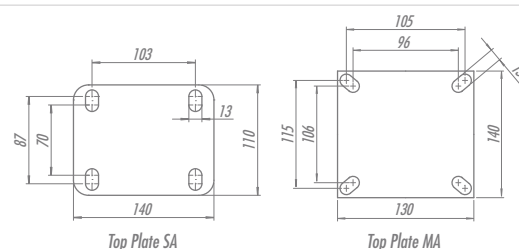
Brake Options



Swivel Section



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA









ALUMINIUM ALPSS SOFT

Load capacity up to 550kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



ALPSS SOFT WHEEL - Extra Thick Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium, extra thick, molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It withstands high loads, protects the floor, has a low push-pull force, low noise level and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 16 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)
Reference												
GSA 62 ALPSS SOFT	FSA 62 ALPSS SOFT	GMA 62 ALPSS SOFT	FMA 62 ALPSS SOFT	R 62 ALPSS SOFT	150	50	1/2"	Ball Bearing	550	196	122	128
GSA 82 ALPSS SOFT	FSA 82 ALPSS SOFT	GMA 82 ALPSS SOFT	FMA 82 ALPSS SOFT	R 82 ALPSS SOFT	200					240	158	158

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

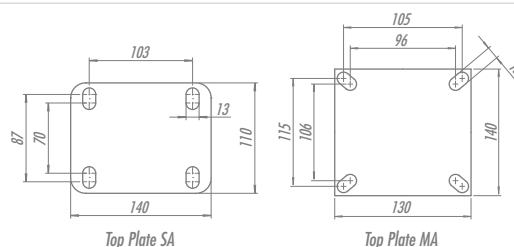
Brake Options



Swivel Section



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	



GSA - GMA









P - MOLDED POLYURETHANE

Load capacity up to 550kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. It can be used at speeds up to 4km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel								
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GSA 52 PN	FSA 52 PN	GMA 52 PN	FMA 52 PN	R 52 PN	125	50	1/2"	Nylon Bushing	500	165	110	110
GSA 52 PR	FSA 52 PR	GMA 52 PR	FMA 52 PR	R 52 PR				Roller Bearing				
GSA 52 PE	FSA 52 PE	GMA 52 PE	FMA 52 PE	R 52 PE				Ball Bearing				
GSA 62 PN	FSA 62 PN	GMA 62 PN	FMA 62 PN	R 62 PN	150			Nylon Bushing	550	196	122	128
GSA 62 PR	FSA 62 PR	GMA 62 PR	FMA 62 PR	R 62 PR				Roller Bearing				
GSA 62 PE	FSA 62 PE	GMA 62 PE	FMA 62 PE	R 62 PE				Ball Bearing				
GSA 82 PN	FSA 82 PN	GMA 82 PN	FMA 82 PN	R 82 PN	200			Nylon Bushing	550	240	158	158
GSA 82 PR	FSA 82 PR	GMA 82 PR	FMA 82 PR	R 82 PR				Roller Bearing				
GSA 82 PE	FSA 82 PE	GMA 82 PE	FMA 82 PE	R 82 PE				Ball Bearing				

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

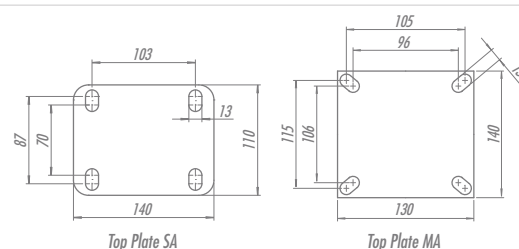
Swivel Section



Brake Options



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA

BC - MOLDED POLYURETHANE

Load capacity up to 550kg

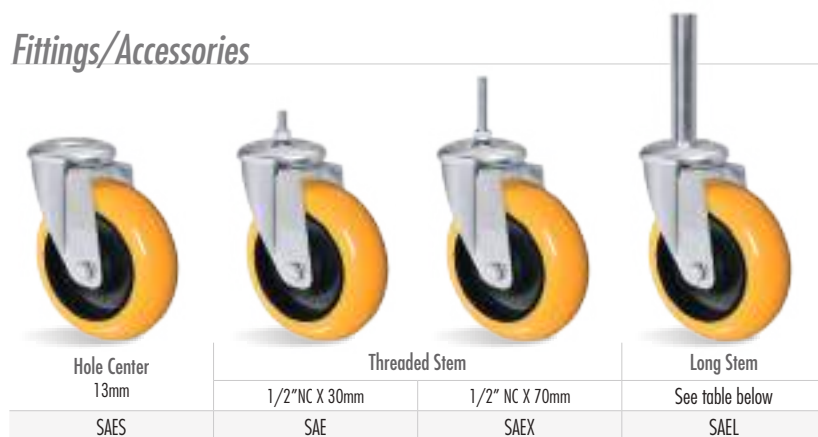
Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



BC WHEEL - Round Molded Polyurethane. Hardness: 90 Shore A. (-40°C a +80°C). Manufactured with molded polyurethane on a cast iron core. Round tread profile offers reduced floor contact area providing less maneuvering resistance, reducing handling effort, and a low noise pollution level. This wheel offers a superior service life due to the larger than conventional extra thick polyurethane. It has an excellent resistance to abrasion, impact, inclement weather and chemicals such as grease, oil, salt, and solvents. It can be used at a speed up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	Ø (mm)	Stem (mm)	Stem (pol)		KG	W/o brake (mm)	w/ brake FP (mm)
Reference											
GSA 52 BCE	FSA 52 BCE	GMA 52 BCE	FMA 52 BCE	R 52 BCE	125	50	1/2"	Ball Bearing	400	165	110
GSA 62 BCE	FSA 62 BCE	GMA 62 BCE	FMA 62 BCE	R 62 BCE	150				450	196	122
GSA 82 BCE	FSA 82 BCE	GMA 82 BCE	FMA 82 BCE	R 82 BCE	200				550	240	158

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

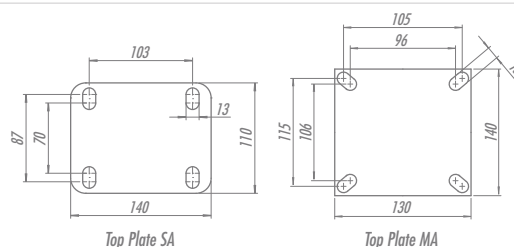
Brake Options



Swivel Section



Top Plates



LONG STEM FITTING

CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	



GSA - GMA









AC - MOLDED POLYURETHANE

Load capacity up to 550kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



AC WHEEL - Round Molded High Hardness Polyurethane. Hardness: 60 Shore D. (-40°C a +80°C). Manufactured with a green high durometer molded polyurethane on a cast iron core. Round tread profile offers a reduced floor contact area for easy handling and maneuvering, reduced handling effort, and a low rolling noise level. This wheel offers a superior service life due to the larger than conventional extra thick polyurethane. It has excellent resistance to abrasion, impact, weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)
Reference												
GSA 52 ACE	FSA 52 ACE	GMA 52 ACE	FMA 52 ACE	R 52 ACE	125	50	1/2"	Ball Bearing	400	165	110	110
GSA 62 ACE	FSA 62 ACE	GMA 62 ACE	FMA 62 ACE	R 62 ACE	150				450	196	122	128
GSA 82 ACE	FSA 82 ACE	GMA 82 ACE	FMA 82 ACE	R 82 ACE	200				550	240	158	158

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

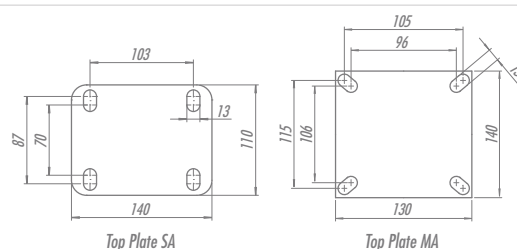
Swivel Section



Brake Options



Top Plates



LONG STEM FITTING			
CODE	Ø	HEIGHT	
SAEL 1	1"	150mm	
SAEL 2	1.1/4"		
SAEL 3	1.5/16"		

GSA - GMA

C - PHENOLIC RESIN









Load capacity up to 550kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel								
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GSA 52 CR	FSA 52 CR	GMA 52 CR	FMA 52 CR	R 52 CR	125	50	1/2"	Roller Bearing	500	165	110	110
GSA 52 CE	FSA 52 CE	GMA 52 CE	FMA 52 CE	R 52 CE				Ball Bearing				
GSA 62 CR	FSA 62 CR	GMA 62 CR	FMA 62 CR	R 62 CR	150			Roller Bearing	550	196	122	128
GSA 62 CE	FSA 62 CE	GMA 62 CE	FMA 62 CE	R 62 CE				Ball Bearing				
GSA 82 CR	FSA 82 CR	GMA 82 CR	FMA 82 CR	R 82 CR	200			Roller Bearing		240	158	158
GSA 82 CE	FSA 82 CE	GMA 82 CE	FMA 82 CE	R 82 CE				Ball Bearing				

Fittings/Accessories

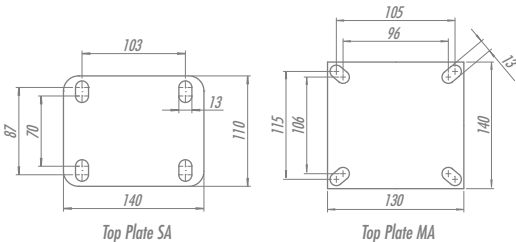
			
Hole Center 13mm	Threaded Stem		Long Stem
	1/2"NC X 30mm	1/2" NC X 70mm	See table below
SAES	SAE	SAEX	SAEL

PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

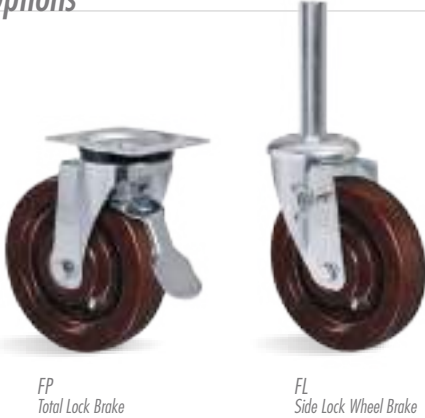
Swivel Section



Top Plates



Brake Options



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GSA - GMA









F - CAST IRON

Load capacity up to 550kg

Reinforced rig made of stamped steel plate and a double ball raceway in the swivel section, zinc-plated finish. Bolted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel								
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GSA 52 FN	FSA 52 FN	GMA 52 FN	FMA 52 FN	R 52 FN	125	50	1/2"	Nylon Bushing	500	165	110	110
GSA 52 FR	FSA 52 FR	GMA 52 FR	FMA 52 FR	R 52 FR				Roller Bearing				
GSA 52 FE	FSA 52 FE	GMA 52 FE	FMA 52 FE	R 52 FE				Ball Bearing				
GSA 62 FN	FSA 62 FN	GMA 62 FN	FMA 62 FN	R 62 FN	150			Nylon Bushing	550	196	122	128
GSA 62 FR	FSA 62 FR	GMA 62 FR	FMA 62 FR	R 62 FR				Roller Bearing				
GSA 62 FE	FSA 62 FE	GMA 62 FE	FMA 62 FE	R 62 FE				Ball Bearing				
GSA 82 FN	FSA 82 FN	GMA 82 FN	FMA 82 FN	R 82 FN	200			Nylon Bushing		240	158	158
GSA 82 FR	FSA 82 FR	GMA 82 FR	FMA 82 FR	R 82 FR				Roller Bearing				
GSA 82 FE	FSA 82 FE	GMA 82 FE	FMA 82 FE	R 82 FE				Ball Bearing				

Fittings/Accessories



PS: STEM FITTINGS: OVERALL HEIGHT IS 5 MM LOWER.

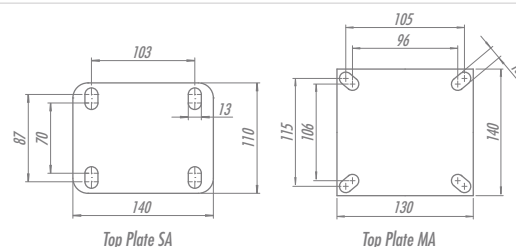
Swivel Section



Brake Options



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
SAEL 1	1"	150mm
SAEL 2	1.1/4"	
SAEL 3	1.5/16"	

GS - GM








BP - PVC

Load capacity up to 400kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GS 42 BPN	FS 42 BPN	GM 42 BPN	FM 42 BPN	R 42 BPN	100	50	1/2"	Nylon Bushing	150	138	80	156	-	139
GS 42 BPR	FS 42 BPR	GM 42 BPR	FM 42 BPR	R 42 BPR				Roller Bearing						
GS 42 BPE	FS 42 BPE	GM 42 BPE	FM 42 BPE	R 42 BPE				Ball Bearing						
GS 52 BPN	FS 52 BPN	GM 52 BPN	FM 52 BPN	R 52 BPN	125			Nylon Bushing	200	165	100	170	172	152
GS 52 BPR	FS 52 BPR	GM 52 BPR	FM 52 BPR	R 52 BPR				Roller Bearing						
GS 52 BPE	FS 52 BPE	GM 52 BPE	FM 52 BPE	R 52 BPE				Ball Bearing						
GS 62 BPN	FS 62 BPN	GM 62 BPN	FM 62 BPN	R 62 BPN	150			Nylon Bushing	250	196	121	187	180	167
GS 62 BPR	FS 62 BPR	GM 62 BPR	FM 62 BPR	R 62 BPR				Roller Bearing						
GS 62 BPE	FS 62 BPE	GM 62 BPE	FM 62 BPE	R 62 BPE				Ball Bearing						
GS 82 BPN	FS 82 BPN	GM 82 BPN	FM 82 BPN	R 82 BPN	200			Nylon Bushing	300	235	153	214	-	187
GS 82 BPE	FS 82 BPE	GM 82 BPE	FM 82 BPE	R 82 BPE				Ball Bearing						
GS 102 BPN	FS 102 BPN	GM 102 BPN	FM 102 BPN	R 102 BPN	250			Nylon Bushing	400	292	193	235	-	215
GS 102 BPE	FS 102 BPE	GM 102 BPE	FM 102 BPE	R 102 BPE				Ball Bearing						

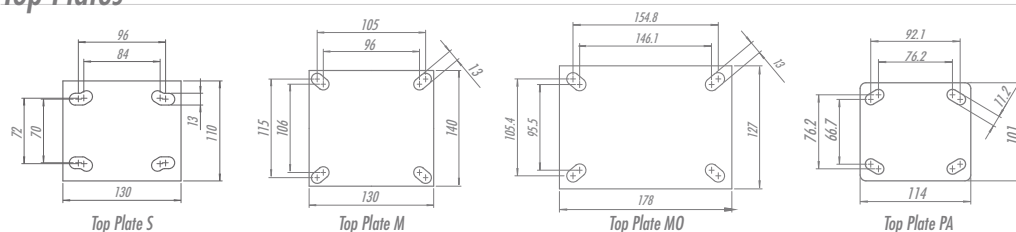
Fittings/Accessories

Swivel Section

Hole Center 13mm	Threaded Stem	Long Stem
	1/2" NC X 32mm	1/2" NC X 64mm
SES	SE	SEX
		See table below
		ME



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GBD - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake

GS - GM











SP - EXTRASOFT RUBBER

Load capacity up to 400kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



SP WHEEL - Extrasoft Thermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C). Injected wheel manufactured with extrasoft thermoplastic rubber on a polypropylene copolymer core. It features an extremely low operating noise level and excellent vibration reduction. Indicated for light load handling, this non-marking wheel offers excellent floor protection and good resistance to impact and chemicals. The recommended traveling speed is up to 4km/h.

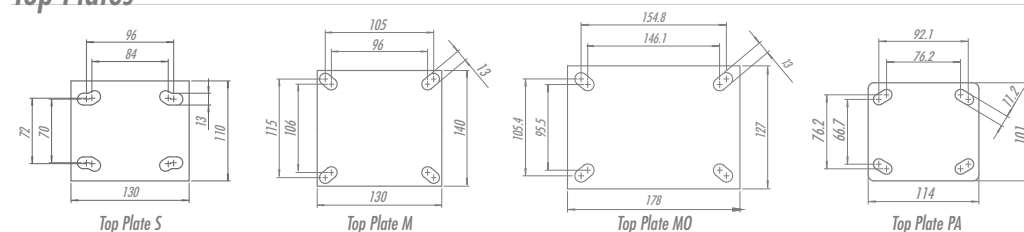
Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GS 42 SPN	FS 42 SPN	GM 42 SPN	FM 42 SPN	R 42 SPN	100	50	1/2"	Nylon Bushing	150	138	80	156	-	139
GS 42 SPR	FS 42 SPR	GM 42 SPR	FM 42 SPR	R 42 SPR				Roller Bearing						
GS 42 SPE	FS 42 SPE	GM 42 SPE	FM 42 SPE	R 42 SPE				Ball Bearing						
GS 52 SPN	FS 52 SPN	GM 52 SPN	FM 52 SPN	R 52 SPN	125			Nylon Bushing	200	165	100	170	172	152
GS 52 SPR	FS 52 SPR	GM 52 SPR	FM 52 SPR	R 52 SPR				Roller Bearing						
GS 52 SPE	FS 52 SPE	GM 52 SPE	FM 52 SPE	R 52 SPE				Ball Bearing						
GS 62 SPN	FS 62 SPN	GM 62 SPN	FM 62 SPN	R 62 SPN	150			Nylon Bushing	250	196	121	187	180	167
GS 62 SPR	FS 62 SPR	GM 62 SPR	FM 62 SPR	R 62 SPR				Roller Bearing						
GS 62 SPE	FS 62 SPE	GM 62 SPE	FM 62 SPE	R 62 SPE				Ball Bearing						
GS 82 SPN	FS 82 SPN	GM 82 SPN	FM 82 SPN	R 82 SPN	200			Nylon Bushing	300	235	153	214	-	187
GS 82 SPE	FS 82 SPE	GM 82 SPE	FM 82 SPE	R 82 SPE				Ball Bearing						
GS 102 SPN	FS 102 SPN	GM 102 SPN	FM 102 SPN	R 102 SPN	250			Nylon Bushing	400	292	193	235	-	215
GS 102 SPE	FS 102 SPE	GM 102 SPE	FM 102 SPE	R 102 SPE				Ball Bearing						

Fittings/Accessories



Swivel Section

Top Plates



Brake Options

LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	



GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake

GS - GM

TB - THERMOPLASTIC RUBBER











Load capacity up to 400kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



TB WHEEL - Thermoplastic Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with thermoplastic rubber on a polypropylene copolymer core. This non-marking wheel offers excellent floor protection, soft and quiet rolling, smooth handling and maneuverability, impact resistance, a low deformation index under load, and excellent abrasion resistance. It also has great resistance to inclement weather and compounds such as salt, and grease. The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o broke (mm)	w/ broke FP (mm)	w/ broke GB (mm)	w/ broke FPD (mm)
GS 42 TBN	FS 42 TBN	GM 42 TBN	FM 42 TBN	R 42 TBN	100	50	1/2"	Nylon Bushing	150	138	80	156	-	139
GS 42 TBR	FS 42 TBR	GM 42 TBR	FM 42 TBR	R 42 TBR				Roller Bearing						
GS 42 TBE	FS 42 TBE	GM 42 TBE	FM 42 TBE	R 42 TBE				Ball Bearing						
GS 52 TBN	FS 52 TBN	GM 52 TBN	FM 52 TBN	R 52 TBN	125			Nylon Bushing	200	165	100	170	172	152
GS 52 TBR	FS 52 TBR	GM 52 TBR	FM 52 TBR	R 52 TBR				Roller Bearing						
GS 52 TBE	FS 52 TBE	GM 52 TBE	FM 52 TBE	R 52 TBE				Ball Bearing						
GS 62 TBN	FS 62 TBN	GM 62 TBN	FM 62 TBN	R 62 TBN	150			Nylon Bushing	250	196	121	187	180	167
GS 62 TBR	FS 62 TBR	GM 62 TBR	FM 62 TBR	R 62 TBR				Roller Bearing						
GS 62 TBE	FS 62 TBE	GM 62 TBE	FM 62 TBE	R 62 TBE				Ball Bearing						
GS 82 TBN	FS 82 TBN	GM 82 TBN	FM 82 TBN	R 82 TBN	200			Nylon Bushing	300	235	153	214	-	187
GS 82 TBE	FS 82 TBE	GM 82 TBE	FM 82 TBE	R 82 TBE				Ball Bearing						
GS 102 TBN	FS 102 TBN	GM 102 TBN	FM 102 TBN	R 102 TBN				Nylon Bushing						
GS 102 TBE	FS 102 TBE	GM 102 TBE	FM 102 TBE	R 102 TBE	Ball Bearing									

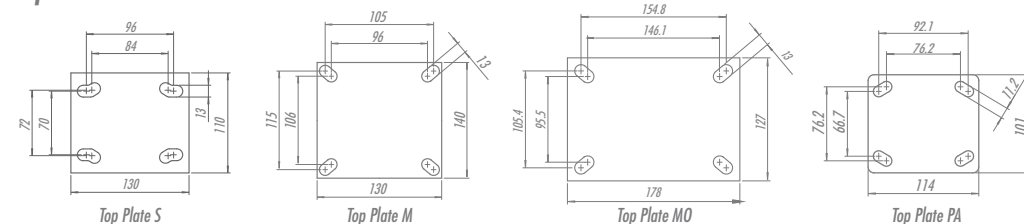
Fittings/Accessories

Swivel Section

	1/2" NC X 32mm	1/2" NC X 64mm	
SES	SE	SEX	ME



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GS - GM











TP - THERMOPLASTIC COMPOUND

Load capacity up to 400kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



TP WHEEL - Thermoplastic Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a recyclable thermoplastic compound on a polypropylene copolymer core. It offers soft and quiet rolling, great floor protection, excellent chemical, wear, and impact resistance resulting in a excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GS 42 TPN	FS 42 TPN	GM 42 TPN	FM 42 TPN	R 42 TPN	100	50	1/2"	Nylon Bushing	150	138	80	156	-	139
GS 42 TPR	FS 42 TPR	GM 42 TPR	FM 42 TPR	R 42 TPR				Roller Bearing						
GS 42 TPE	FS 42 TPE	GM 42 TPE	FM 42 TPE	R 42 TPE				Ball Bearing						
GS 52 TPN	FS 52 TPN	GM 52 TPN	FM 52 TPN	R 52 TPN	125			Nylon Bushing	200	165	100	170	172	152
GS 52 TPR	FS 52 TPR	GM 52 TPR	FM 52 TPR	R 52 TPR				Roller Bearing						
GS 52 TPE	FS 52 TPE	GM 52 TPE	FM 52 TPE	R 52 TPE				Ball Bearing						
GS 62 TPN	FS 62 TPN	GM 62 TPN	FM 62 TPN	R 62 TPN	150			Nylon Bushing	250	196	121	187	180	167
GS 62 TPR	FS 62 TPR	GM 62 TPR	FM 62 TPR	R 62 TPR				Roller Bearing						
GS 62 TPE	FS 62 TPE	GM 62 TPE	FM 62 TPE	R 62 TPE				Ball Bearing						
GS 82 TPN	FS 82 TPN	GM 82 TPN	FM 82 TPN	R 82 TPN	200			Nylon Bushing	300	235	153	214	-	187
GS 82 TPE	FS 82 TPE	GM 82 TPE	FM 82 TPE	R 82 TPE				Ball Bearing						
GS 102 TPN	FS 102 TPN	GM 102 TPN	FM 102 TPN	R 102 TPN	250			Nylon Bushing	400	292	193	235	-	215
GS 102 TPE	FS 102 TPE	GM 102 TPE	FM 102 TPE	R 102 TPE				Ball Bearing						

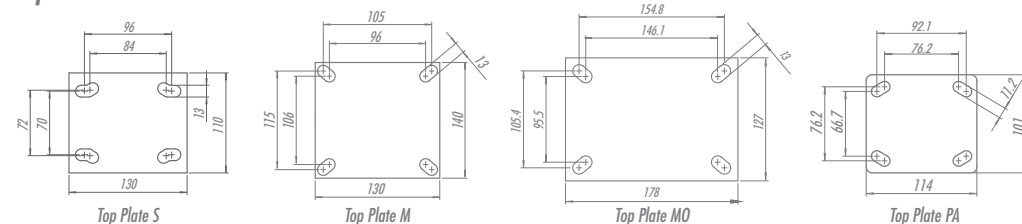
Fittings/Accessories

Swivel Section

Hole Center 13mm	Threaded Stem	Long Stem
	1/2" NC X 32mm	1/2" NC X 64mm
SES	SE	SEX
		See table below ME



Top Plates



Brake Options

LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	



GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake

GS - GM

UP - POLYURETHANE THERMOPLASTIC










Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.






UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C). Manufactured with recyclable thermoplastic elastollan polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GS 42 UPN	FS 42 UPN	GM 42 UPN	FM 42 UPN	R 42 UPN	100	50	1/2"	Nylon Bushing	250	138	80	156	-	139
GS 42 UPR	FS 42 UPR	GM 42 UPR	FM 42 UPR	R 42 UPR				Roller Bearing						
GS 42 UPE	FS 42 UPE	GM 42 UPE	FM 42 UPE	R 42 UPE				Ball Bearing						
GS 52 UPN	FS 52 UPN	GM 52 UPN	FM 52 UPN	R 52 UPN	125			Nylon Bushing	350	165	100	170	172	152
GS 52 UPR	FS 52 UPR	GM 52 UPR	FM 52 UPR	R 52 UPR				Roller Bearing						
GS 52 UPE	FS 52 UPE	GM 52 UPE	FM 52 UPE	R 52 UPE				Ball Bearing						
GS 62 UPN	FS 62 UPN	GM 62 UPN	FM 62 UPN	R 62 UPN	150			Nylon Bushing	400	196	121	187	180	167
GS 62 UPR	FS 62 UPR	GM 62 UPR	FM 62 UPR	R 62 UPR				Roller Bearing						
GS 62 UPE	FS 62 UPE	GM 62 UPE	FM 62 UPE	R 62 UPE				Ball Bearing						
GS 82 UPN	FS 82 UPN	GM 82 UPN	FM 82 UPN	R 82 UPN	200			Nylon Bushing	550	235	153	214	-	187
GS 82 UPR	FS 82 UPR	GM 82 UPR	FM 82 UPR	R 82 UPR				Roller Bearing						
GS 82 UPE	FS 82 UPE	GM 82 UPE	FM 82 UPE	R 82 UPE				Ball Bearing						
GS 102 UPN	FS 102 UPN	GM 102 UPN	FM 102 UPN	R 102 UPN	250			Nylon Bushing	700	292	193	235	-	215
GS 102 UPE	FS 102 UPE	GM 102 UPE	FM 102 UPE	R 102 UPE				Ball Bearing						

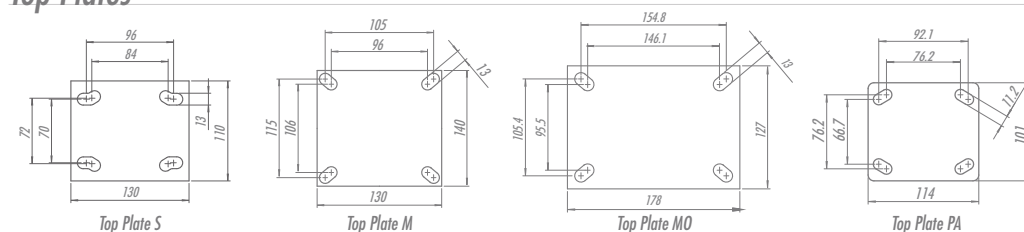
Fittings/Accessories

Swivel Section

			
	1/2" NC X 32mm	1/2" NC X 64mm	
SES	SE	SEX	ME



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GS - GM











NT - TECHNICAL NYLON

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



NT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with high quality Nylon 6, both tread and core. It is light, has excellent mechanical resistance, and rolls very easily requiring less effort in maneuvering. Ideal for applications in wet environments, it is resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

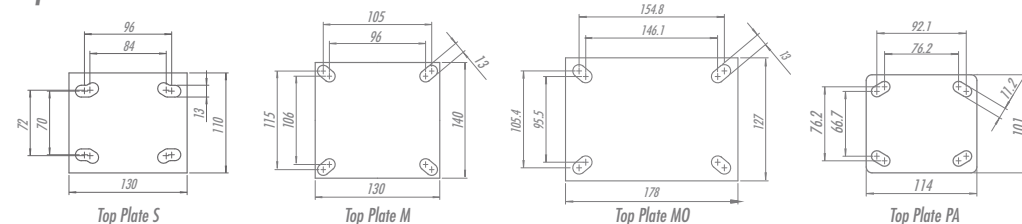
Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GS 42 NTN	FS 42 NTN	GM 42 NTN	FM 42 NTN	R 42 NTN	100	50	1/2"	Nylon Bushing	400	138	80	156	-	139
GS 42 NTR	FS 42 NTR	GM 42 NTR	FM 42 NTR	R 42 NTR				Roller Bearing						
GS 42 NTE	FS 42 NTE	GM 42 NTE	FM 42 NTE	R 42 NTE				Ball Bearing						
GS 52 NTN	FS 52 NTN	GM 52 NTN	FM 52 NTN	R 52 NTN	125			Nylon Bushing	500	165	100	170	172	152
GS 52 NTR	FS 52 NTR	GM 52 NTR	FM 52 NTR	R 52 NTR				Roller Bearing						
GS 52 NTE	FS 52 NTE	GM 52 NTE	FM 52 NTE	R 52 NTE				Ball Bearing						
GS 62 NTN	FS 62 NTN	GM 62 NTN	FM 62 NTN	R 62 NTN	150			Nylon Bushing	600	196	121	187	180	167
GS 62 NTR	FS 62 NTR	GM 62 NTR	FM 62 NTR	R 62 NTR				Roller Bearing						
GS 62 NTE	FS 62 NTE	GM 62 NTE	FM 62 NTE	R 62 NTE				Ball Bearing						
GS 82 NTN	FS 82 NTN	GM 82 NTN	FM 82 NTN	R 82 NTN	200			Nylon Bushing	700	235	153	214	-	187
GS 82 NTR	FS 82 NTR	GM 82 NTR	FM 82 NTR	R 82 NTR				Ball Bearing						
GS 82 NTE	FS 82 NTE	GM 82 NTE	FM 82 NTE	R 82 NTE				Nylon Bushing						
GS 102 NTN	FS 102 NTN	GM 102 NTN	FM 102 NTN	R 102 NTN	250			Nylon Bushing		292	193	235	-	215
GS 102 NTR	FS 102 NTR	GM 102 NTR	FM 102 NTR	R 102 NTR				Roller Bearing						
GS 102 NTE	FS 102 NTE	GM 102 NTE	FM 102 NTE	R 102 NTE				Ball Bearing						

Fittings/Accessories

Swivel Section



Top Plates



Brake Options

LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	



GS - GM











NTT - TECHNICAL NYLON

Load capacity up to 600kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



NTT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with single injection high quality Nylon 6. It is lightweight, provides good mechanical resistance, and rolls very easily requiring less effort in maneuvering. Under static loads, it is resistant to deformation. Ideal for applications in wet environments, it is also resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel											
Reference					(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)	
GS 52 NTT	FS 52 NTT	GM 52 NTT	FM 52 NTT	R 52 NTT	125	50	1/2"	Plain Bearing	500	165	100	167	180	152	
GS 52 NTTR	FS 52 NTTR	GM 52 NTTR	FM 52 NTTR	R 52 NTTR				Roller Bearing							
GS 52 NTTE	FS 52 NTTE	GM 52 NTTE	FM 52 NTTE	R 52 NTTE				Ball Bearing							
GS 62 NTT	FS 62 NTT	GM 62 NTT	FM 62 NTT	R 62 NTT				Plain Bearing	600		196	121	187	180	167
GS 62 NTTR	FS 62 NTTR	GM 62 NTTR	FM 62 NTTR	R 62 NTTR				Roller Bearing							
GS 62 NTTE	FS 62 NTTE	GM 62 NTTE	FM 62 NTTE	R 62 NTTE				Ball Bearing							

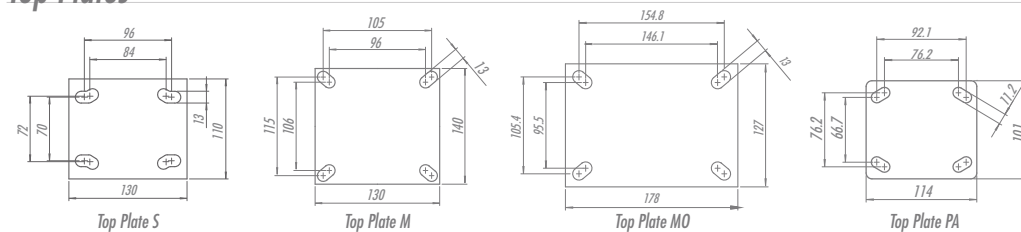
Fittings/Accessories

Swivel Section

			
Hole Center 13mm	Threaded Stem		Long Stem
	1/2" NC X 32mm	1/2" NC X 64mm	See table below
SES	SE	SEX	ME



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake

GS - GM STR - RUBBER

Load capacity up to 250kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel
Reference				
GS 62 STRE	FS 62 STRE	GM 62 STRE	FM 62 STRE	R 62 STRE
GS 62 STRE BPE	FS 62 STRE BPE	GM 62 STRE BPE	FM 62 STRE BPE	R 62 STRE BPE
GS 62 STRE SPE	FS 62 STRE SPE	GM 62 STRE SPE	FM 62 STRE SPE	R 62 STRE SPE

STR WHEEL - Thermoplastic Rubber. Hardness: 70 Shore A. (-20°C to +70°C). Manufactured with recyclable thermoplastic rubber on a polypropylene copolymer core. The tread profile has a grooved pattern that allows greater grip on indoor and outdoor flooring. It provides smooth, quiet running, excellent floor protection and chemical resistance, great wear and impact resistance. The recommended traveling speed is up to 4km/h.

STR BPE WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C).

STR SPE WHEEL - Extrasoft Thermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C).

(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
150	50	1/2"	Ball Bearing	250	196	121	187	180	167

Wheel Types



	STRE	STRE BPE	STRE SPE
HARDNESS	70 Shore A	85 Shore A	65 Shore A
TEMPERATURE	-20°C up to +70°C	-10°C up to +50°C	-10°C up to +50°C

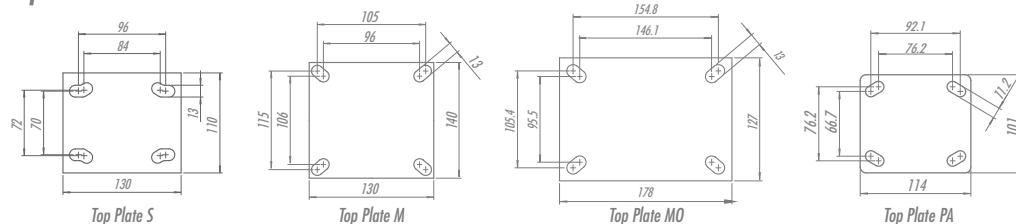
Fittings/Accessories

Hole Center 13mm	Threaded Stem		Long Stem
	1/2" NC X 32mm	1/2" NC X 64mm	See table below
SES	SE	SEX	ME

Swivel Section



Top Plates



LONG STEM FITTING

CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GB - Pedal Brake
*Available only for S2 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake

GS - GM

RIT-PP - PNEUMATIC

Load capacity up to 100kg









Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.

GS 2504 PPN

GS 3504 PPN



RIT PP - Pneumatic WHEEL - Nylon Core (-20°C to +50°C) - Tire Pressure: 30 lb/pol². Manufactured with tire and inner tube on an injected nylon core. This wheel is used for uneven floors where easy handling, impact absorption and vibration damping is required. It offers easy maintenance and its components can be supplied separately. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel								
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GS 2504 PPN	FS 2504 PPN	RIT 2504 PPN	215	60	1/2"	Nylon Bushing	70	251	160	200
GS 2504 PPR	FS 2504 PPR	RIT 2504 PPR				Roller Bearing				
GS 2504 PPE	FS 2504 PPE	RIT 2504 PPE				Ball Bearing				
GS 3504 PPN	FS 3504 PPN	RIT 3504 PPN	254	80	1/2"	Nylon Bushing	100	304	208	-
GS 3504 PPR	FS 3504 PPR	RIT 3504 PPR				Roller Bearing				
GS 3504 PPE	FS 3504 PPE	RIT 3504 PPE				Ball Bearing				

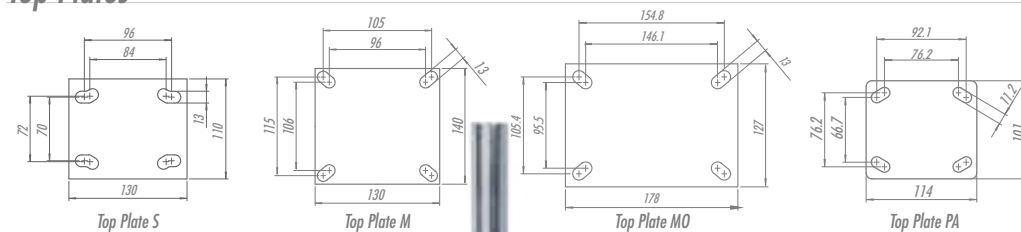
Fittings/Accessories

Swivel Section

		
Hole Center 13mm	Threaded Stem	Long Stem
SES	1/2" NC X 32mm SE	1/2" NC X 64mm SEX
		See table below ME



Top Plates



Brake Options



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

GS - GM

RIT-PC - PNEUMATIC

Load capacity up to 100kg









Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.

GS 2504 PCN

GS 3504 PCN



RIT PC - Pneumatic WHEEL - Stamped Steel Plate Core. (-20°C to +50°C) - Tire Pressure: 30 lb/pol². Manufactured with tire and inner tube on a stamped zinc-plated carbon steel core. This wheel is used for uneven floors where easy handling, impact absorption and vibration damping is required. It offers easy maintenance and its components can be supplied separately. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel								
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GS 2504 PCN	FS 2504 PCN	RIT 2504 PCN	215	60	1/2"	Nylon Bushing	70	251	165	224
GS 2504 PCR	FS 2504 PCR	RIT 2504 PCR				Roller Bearing				
GS 2504 PCE	FS 2504 PCE	RIT 2504 PCE				Ball Bearing				
GS 3504 PCN	FS 3504 PCN	RIT 3504 PCN	254	80		Nylon Bushing	100	304	208	-
GS 3504 PCR	FS 3504 PCR	RIT 3504 PCR				Roller Bearing				
GS 3504 PCE	FS 3504 PCE	RIT 3504 PCE				Ball Bearing				

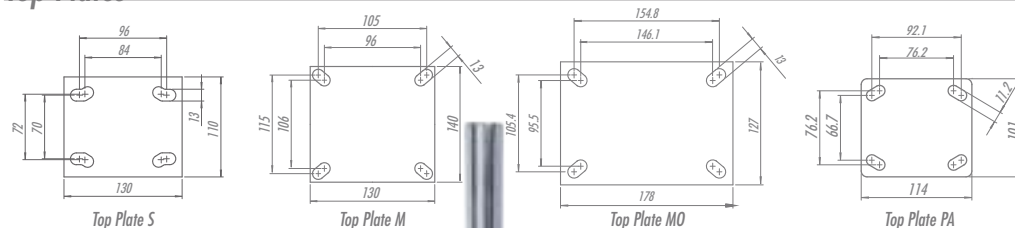
Fittings/Accessories

			
Hole Center 13mm	Threaded Stem		Long Stem
	1/2" NC X 32mm	1/2" NC X 64mm	See table below
SES	SE	SEX	ME

Swivel Section



Top Plates



Brake Options



FP - Pedal Brake
Available for 2504



FL - Side Lock
Wheel Brake

LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

GS - GM










B - MOLDED RUBBER

Load capacity up to 450kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

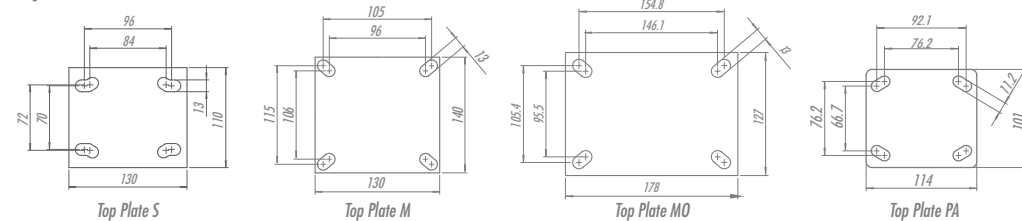
Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GS 42 BN	FS 42 BN	GM 42 BN	FM 42 BN	R 42 BN	100	50	1/2"	Nylon Bushing	200	138	80	156	-	139
GS 42 BR	FS 42 BR	GM 42 BR	FM 42 BR	R 42 BR				Roller Bearing						
GS 42 BE	FS 42 BE	GM 42 BE	FM 42 BE	R 42 BE				Ball Bearing						
GS 52 BN	FS 52 BN	GM 52 BN	FM 52 BN	R 52 BN	125			Nylon Bushing	250	165	100	170	172	152
GS 52 BR	FS 52 BR	GM 52 BR	FM 52 BR	R 52 BR				Roller Bearing						
GS 52 BE	FS 52 BE	GM 52 BE	FM 52 BE	R 52 BE				Ball Bearing						
GS 62 BN	FS 62 BN	GM 62 BN	FM 62 BN	R 62 BN	150			Nylon Bushing	300	196	121	187	180	167
GS 62 BR	FS 62 BR	GM 62 BR	FM 62 BR	R 62 BR				Roller Bearing						
GS 62 BE	FS 62 BE	GM 62 BE	FM 62 BE	R 62 BE				Ball Bearing						
GS 72 BN	FS 72 BN	GM 72 BN	FM 72 BN	R 72 BN	175			Nylon Bushing	325	222	140	200	-	-
GS 72 BR	FS 72 BR	GM 72 BR	FM 72 BR	R 72 BR				Roller Bearing						
GS 72 BE	FS 72 BE	GM 72 BE	FM 72 BE	R 72 BE				Ball Bearing						
GS 82 BN	FS 82 BN	GM 82 BN	FM 82 BN	R 82 BN	200			Nylon Bushing	350	235	153	214	-	187
GS 82 BR	FS 82 BR	GM 82 BR	FM 82 BR	R 82 BR				Roller Bearing						
GS 82 BE	FS 82 BE	GM 82 BE	FM 82 BE	R 82 BE				Ball Bearing						
GS 92 BN	FS 92 BN	GM 92 BN	FM 92 BN	R 92 BN	225			Nylon Bushing	400	280	180	221	-	-
GS 92 BR	FS 92 BR	GM 92 BR	FM 92 BR	R 92 BR				Roller Bearing						
GS 92 BE	FS 92 BE	GM 92 BE	FM 92 BE	R 92 BE				Ball Bearing						
GS 102 BN	FS 102 BN	GM 102 BN	FM 102 BN	R 102 BN	250			Nylon Bushing	450	292	193	235	-	215
GS 102 BR	FS 102 BR	GM 102 BR	FM 102 BR	R 102 BR				Roller Bearing						
GS 102 BE	FS 102 BE	GM 102 BE	FM 102 BE	R 102 BE				Ball Bearing						

Fittings/Accessories

Swivel Section



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake



GS - GM











NU - MOLDED POLYURETHANE

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



NU WHEEL - Molded Polyurethane on a Nylon Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an injected nylon core. The mechanical bond system ensures excellent resistance and service life. Ideal for applications on various surface and environment types. This wheel is lightweight, withstands high loads, protects the floor, requires low effort to handle, and produces a low operating noise level. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pl)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GS 42 NUN	FS 42 NUN	GM 42 NUN	FM 42 NUN	R 42 NUN	100	50	1/2"	Nylon Bushing	400	138	80	156	-	139
GS 42 NUR	FS 42 NUR	GM 42 NUR	FM 42 NUR	R 42 NUR				Roller Bearing						
GS 42 NUE	FS 42 NUE	GM 42 NUE	FM 42 NUE	R 42 NUE				Ball Bearing						
GS 52 NUN	FS 52 NUN	GM 52 NUN	FM 52 NUN	R 52 NUN	125			Nylon Bushing	500	165	100	170	172	152
GS 52 NUR	FS 52 NUR	GM 52 NUR	FM 52 NUR	R 52 NUR				Roller Bearing						
GS 52 NUE	FS 52 NUE	GM 52 NUE	FM 52 NUE	R 52 NUE				Ball Bearing						
GS 62 NUN	FS 62 NUN	GM 62 NUN	FM 62 NUN	R 62 NUN	150			Nylon Bushing	600	196	121	187	180	167
GS 62 NUR	FS 62 NUR	GM 62 NUR	FM 62 NUR	R 62 NUR				Roller Bearing						
GS 62 NUE	FS 62 NUE	GM 62 NUE	FM 62 NUE	R 62 NUE				Ball Bearing						
GS 82 NUN	FS 82 NUN	GM 82 NUN	FM 82 NUN	R 82 NUN	200			Nylon Bushing	700	235	153	214	-	187
GS 82 NUE	FS 82 NUE	GM 82 NUE	FM 82 NUE	R 82 NUE				Ball Bearing						
GS 102 NUN	FS 102 NUN	GM 102 NUN	FM 102 NUN	R 102 NUN	250			Nylon Bushing		292	193	235	-	215
GS 102 NUE	FS 102 NUE	GM 102 NUE	FM 102 NUE	R 102 NUE				Ball Bearing						

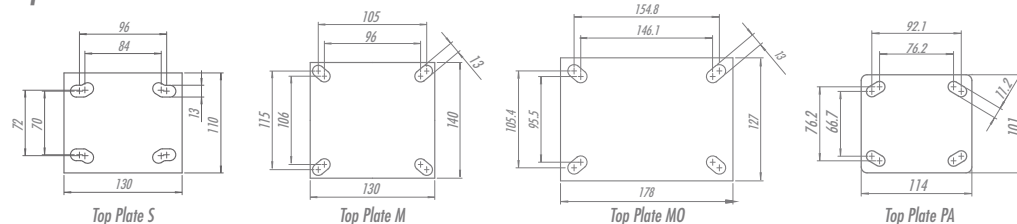
Fittings/Accessories



Swivel Section



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake

GS - GM

ALUMINIUM ALP

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



ALP WHEEL - Molded Polyurethane on an Aluminum Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant and is ideal for applications involving diverse floor types and environments. Capable for high loads, is very durable, protects the floor, requires low push-pull force, and provides a quiet roll. Excellent resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be towed at speeds up to 4 km/h when mounted with selected ball bearings and appropriate rig.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	Ø (mm)	f (mm)	Ø (pol)		KG	Ø (mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
Reference														
GS 52 ALPE	FS 52 ALPE	GM 52 ALPE	FM 52 ALPE	R 52 ALPE	125	50	1/2"	Ball Bearing	500	165	100	170	172	152
GS 62 ALPE	FS 62 ALPE	GM 62 ALPE	FM 62 ALPE	R 62 ALPE	150				650	196	121	187	180	167
GS 82 ALPE	FS 82 ALPE	GM 82 ALPE	FM 82 ALPE	R 82 ALPE	200				700	235	153	214	-	187

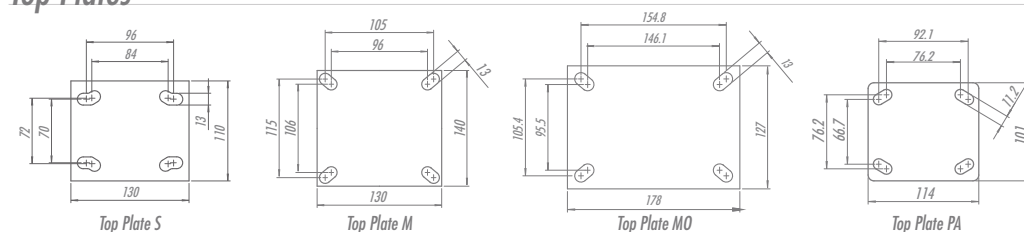
Fittings/Accessories



Swivel Section



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options





GS - GM

ALUMINIUM ALP SOFT

Load capacity up to 400kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



ALP SOFT WHEEL - Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It can handle high loads and protects the floor. It offers a low push-pull force, quiet operation, and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 4 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
Reference														
GS 52 ALPE SOFT	FS 52 ALPE SOFT	GM 52 ALPE SOFT	FM 52 ALPE SOFT	R 52 ALPE SOFT	125	50	1/2"	Ball Bearing	300	165	100	170	172	152
GS 62 ALPE SOFT	FS 62 ALPE SOFT	GM 62 ALPE SOFT	FM 62 ALPE SOFT	R 62 ALPE SOFT	150				350	196	121	187	180	167
GS 82 ALPE SOFT	FS 82 ALPE SOFT	GM 82 ALPE SOFT	FM 82 ALPE SOFT	R 82 ALPE SOFT	200				400	235	153	214	-	187

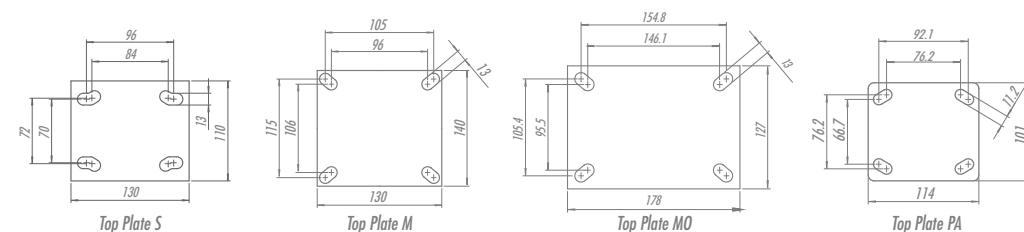
Fittings/Accessories

Swivel Section

Hole Center 13mm	Threaded Stem		Long Stem
	1/2"NC X 32mm	1/2" NC X 64mm	See table below
SES	SE	SEX	ME



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GS - GM

ALUMINIUM ALPSS SOFT











Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



ALPSS SOFT WHEEL - Extra Thick Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium, extra thick, molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It withstands high loads, protects the floor, has a low push-pull force, low noise level and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 16 km/h when mounted with selected ball bearings and appropriate rig.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake GB (mm)	 w/ brake FPD (mm)
Reference														
GS 62 ALPSSE SOFT	FS 62 ALPSSE SOFT	GM 62 ALPSSE SOFT	FM 62 ALPSSE SOFT	R 62 ALPSSE SOFT	150	50	1/2"	Ball Bearing	550	196	121	187	180	167
GS 82 ALPSSE SOFT	FS 82 ALPSSE SOFT	GM 82 ALPSSE SOFT	FM 82 ALPSSE SOFT	R 82 ALPSSE SOFT	200				700	235	153	214	-	187

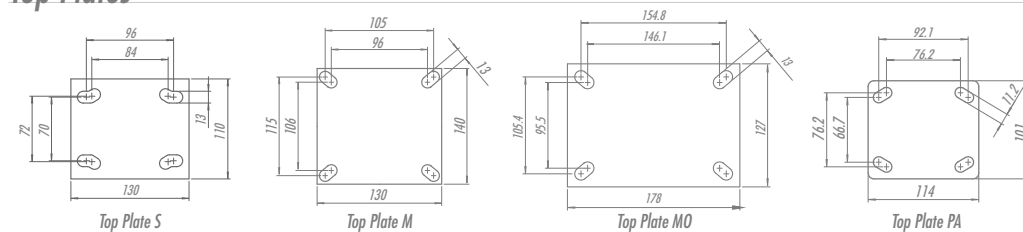
Fittings/Accessories

Swivel Section

			
Hole Center 13mm	Threaded Stem		Long Stem
SES	1/2" NC X 32mm SE	1/2" NC X 64mm SEX	See table below ME



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake



GS - GM

P - MOLDED POLYURETHANE

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. It can be used at speeds up to 4km/h when mounted with selected ball bearings and appropriate rig.

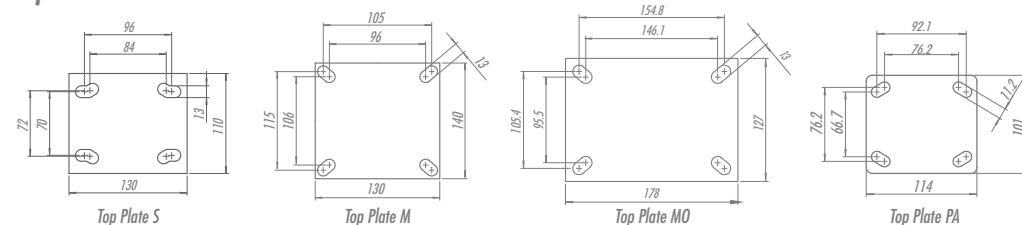
Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
Reference														
GS 42 PN	FS 42 PN	GM 42 PN	FM 42 PN	R 42 PN	100	50	1/2"	Nylon Bushing	500	138	80	156	-	139
GS 42 PR	FS 42 PR	GM 42 PR	FM 42 PR	R 42 PR				Roller Bearing						
GS 42 PE	FS 42 PE	GM 42 PE	FM 42 PE	R 42 PE				Ball Bearing						
GS 52 PN	FS 52 PN	GM 52 PN	FM 52 PN	R 52 PN	125	50	1/2"	Nylon Bushing	600	165	100	170	172	152
GS 52 PR	FS 52 PR	GM 52 PR	FM 52 PR	R 52 PR				Roller Bearing						
GS 52 PE	FS 52 PE	GM 52 PE	FM 52 PE	R 52 PE				Ball Bearing						
GS 62 PN	FS 62 PN	GM 62 PN	FM 62 PN	R 62 PN	150	50	1/2"	Nylon Bushing	700	196	121	187	180	167
GS 62 PR	FS 62 PR	GM 62 PR	FM 62 PR	R 62 PR				Roller Bearing						
GS 62 PE	FS 62 PE	GM 62 PE	FM 62 PE	R 62 PE				Ball Bearing						
GS 72 PN	FS 72 PN	GM 72 PN	FM 72 PN	R 72 PN	175	50	1/2"	Nylon Bushing	700	222	140	200	-	-
GS 72 PR	FS 72 PR	GM 72 PR	FM 72 PR	R 72 PR				Roller Bearing						
GS 72 PE	FS 72 PE	GM 72 PE	FM 72 PE	R 72 PE				Ball Bearing						
GS 82 PN	FS 82 PN	GM 82 PN	FM 82 PN	R 82 PN	200	50	1/2"	Nylon Bushing	700	235	153	214	-	187
GS 82 PR	FS 82 PR	GM 82 PR	FM 82 PR	R 82 PR				Roller Bearing						
GS 82 PE	FS 82 PE	GM 82 PE	FM 82 PE	R 82 PE				Ball Bearing						
GS 92 PN	FS 92 PN	GM 92 PN	FM 92 PN	R 92 PN	225	50	1/2"	Nylon Bushing	700	280	180	221	-	-
GS 92 PR	FS 92 PR	GM 92 PR	FM 92 PR	R 92 PR				Roller Bearing						
GS 92 PE	FS 92 PE	GM 92 PE	FM 92 PE	R 92 PE				Ball Bearing						
GS 102 PN	FS 102 PN	GM 102 PN	FM 102 PN	R 102 PN	250	50	1/2"	Nylon Bushing	700	292	193	235	-	215
GS 102 PR	FS 102 PR	GM 102 PR	FM 102 PR	R 102 PR				Roller Bearing						
GS 102 PE	FS 102 PE	GM 102 PE	FM 102 PE	R 102 PE				Ball Bearing						

Fittings/Accessories

Swivel Section



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake

GS - GM

BC - MOLDED POLYURETHANE

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



BC WHEEL - Round Molded Polyurethane. Hardness: 90 Shore A. (-40°C a +80°C). Manufactured with molded polyurethane on a cast iron core. Round tread profile offers reduced floor contact area providing less maneuvering resistance, reducing handling effort, and a low noise pollution level. This wheel offers a superior service life due to the larger than conventional extra thick polyurethane. It has an excellent resistance to abrasion, impact, inclement weather and chemicals such as grease, oil, salt, and solvents. It can be used at a speed up to 20km/h when mounted with selected ball bearings and appropriate rig.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel	Ø (mm)	Flange (mm)	Pol (pol)		KG	W/Ø (mm)	W/Ø brake (mm)	W/Ø brake FP (mm)	W/Ø brake GB (mm)	W/Ø brake FPD (mm)
Reference														
GS 42 BCE	FS 42 BCE	GM 42 BCE	FM 42 BCE	R 42 BCE	100	50	1/2"	Ball Bearing	400	138	80	156	-	139
GS 52 BCE	FS 52 BCE	GM 52 BCE	FM 52 BCE	R 52 BCE	125				450	165	100	170	172	152
GS 62 BCE	FS 62 BCE	GM 62 BCE	FM 62 BCE	R 62 BCE	150				550	196	121	187	180	167
GS 82 BCE	FS 82 BCE	GM 82 BCE	FM 82 BCE	R 82 BCE	200				650	235	153	214	-	187
GS 102 BCE	FS 102 BCE	GM 102 BCE	FM 102 BCE	R 102 BCE	250				700	292	193	235	-	215

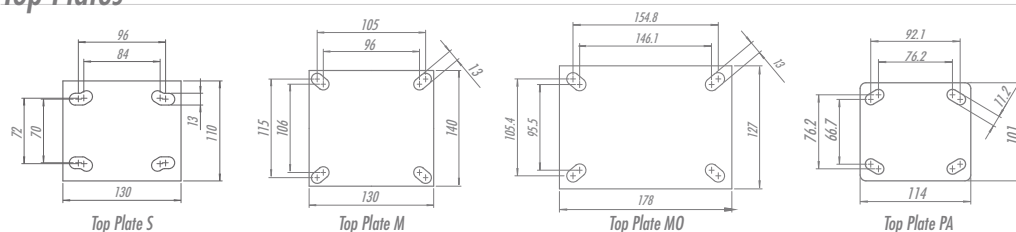
Fittings/Accessories

Hole Center 13mm	Threaded Stem	Long Stem
SES	1/2" NC X 32mm SE	1/2" NC X 64mm SEX
		See table below ME

Swivel Section



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake



GS - GM










AC - MOLDED POLYURETHANE

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



AC WHEEL - Round Molded High Hardness Polyurethane. Hardness: 60 Shore D. (-40°C a +80°C). Manufactured with a green high durometer molded polyurethane on a cast iron core. Round tread profile offers a reduced floor contact area for easy handling and maneuvering, reduced handling effort, and a low rolling noise level. This wheel offers a superior service life due to the larger than conventional extra thick polyurethane. It has excellent resistance to abrasion, impact, weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GS 42 ACE	FS 42 ACE	GM 42 ACE	FM 42 ACE	R 42 ACE	100	50	1/2"	Ball Bearing	400	138	80	156	-	139
GS 52 ACE	FS 52 ACE	GM 52 ACE	FM 52 ACE	R 52 ACE	125				450	165	100	170	172	152
GS 62 ACE	FS 62 ACE	GM 62 ACE	FM 62 ACE	R 62 ACE	150				550	196	121	187	180	167
GS 82 ACE	FS 82 ACE	GM 82 ACE	FM 82 ACE	R 82 ACE	200				650	235	153	214	-	187
GS 102 ACE	FS 102 ACE	GM 102 ACE	FM 102 ACE	R 102 ACE	250				700	292	193	235	-	215

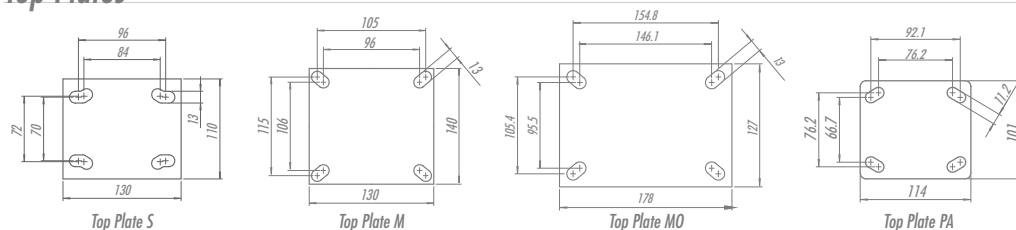
Fittings/Accessories

Hole Center 13mm	Threaded Stem	Long Stem
	1/2" NC X 32mm	1/2" NC X 64mm
SES	SE	SEX
		See table below ME

Swivel Section



Top Plates



Brake Options

LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	



GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake

GS - GM

C - PHENOLIC RESIN











Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GS 52 CR	FS 52 CR	GM 52 CR	FM 52 CR	R 52 CR	125	50	1/2"	Roller Bearing	500	165	100	170	172	152
GS 52 CE	FS 52 CE	GM 52 CE	FM 52 CE	R 52 CE				Ball Bearing						
GS 62 CR	FS 62 CR	GM 62 CR	FM 62 CR	R 62 CR	150			Roller Bearing	600	196	121	187	180	167
GS 62 CE	FS 62 CE	GM 62 CE	FM 62 CE	R 62 CE				Ball Bearing						
GS 82 CR	FS 82 CR	GM 82 CR	FM 82 CR	R 82 CR	200			Roller Bearing	700	235	153	214	-	187
GS 82 CE	FS 82 CE	GM 82 CE	FM 82 CE	R 82 CE				Ball Bearing						

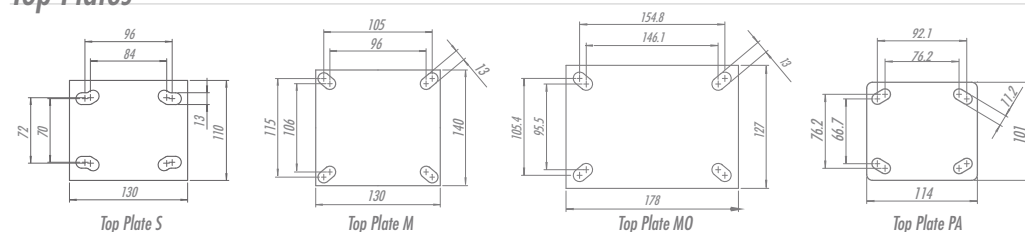
Fittings/Accessories

Swivel Section

Hole Center 13mm	Threaded Stem	Long Stem
	1/2" NC X 32mm	1/2" NC X 64mm
SES	SE	SEX
		See table below
		ME



Top Plates



LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	

Brake Options



GBD - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake













GS - GM F - CAST IRON

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, double ball raceway in the swivel section, and zinc-plated finish. Bolted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GS 42 FN	FS 42 FN	GM 42 FN	FM 42 FN	R 42 FN	100	50	1/2"	Plain Bearing	500	138	80	156	-	139
GS 42 FR	FS 42 FR	GM 42 FR	FM 42 FR	R 42 FR				Roller Bearing						
GS 42 FE	FS 42 FE	GM 42 FE	FM 42 FE	R 42 FE				Ball Bearing						
GS 52 FN	FS 52 FN	GM 52 FN	FM 52 FN	R 52 FN	125			Plain Bearing	600	165	100	170	172	152
GS 52 FR	FS 52 FR	GM 52 FR	FM 52 FR	R 52 FR				Roller Bearing						
GS 52 FE	FS 52 FE	GM 52 FE	FM 52 FE	R 52 FE				Ball Bearing						
GS 62 FN	FS 62 FN	GM 62 FN	FM 62 FN	R 62 FN	150			Plain Bearing		196	121	187	180	167
GS 62 FR	FS 62 FR	GM 62 FR	FM 62 FR	R 62 FR				Roller Bearing						
GS 62 FE	FS 62 FE	GM 62 FE	FM 62 FE	R 62 FE				Ball Bearing						
GS 72 FN	FS 72 FN	GM 72 FN	FM 72 FN	R 72 FN	175			Plain Bearing		222	140	200	-	-
GS 72 FR	FS 72 FR	GM 72 FR	FM 72 FR	R 72 FR				Roller Bearing						
GS 72 FE	FS 72 FE	GM 72 FE	FM 72 FE	R 72 FE				Ball Bearing						
GS 82 FN	FS 82 FN	GM 82 FN	FM 82 FN	R 82 FN	200			Plain Bearing	700	235	153	214	-	187
GS 82 FR	FS 82 FR	GM 82 FR	FM 82 FR	R 82 FR				Roller Bearing						
GS 82 FE	FS 82 FE	GM 82 FE	FM 82 FE	R 82 FE				Ball Bearing						
GS 92 FN	FS 92 FN	GM 92 FN	FM 92 FN	R 92 FN	225	Plain Bearing		280	180	221	-	-		
GS 92 FR	FS 92 FR	GM 92 FR	FM 92 FR	R 92 FR		Roller Bearing								
GS 92 FE	FS 92 FE	GM 92 FE	FM 92 FE	R 92 FE		Ball Bearing								
GS 102 FN	FS 102 FN	GM 102 FN	FM 102 FN	R 102 FN	250	Plain Bearing		292	193	235	-	215		
GS 102 FR	FS 102 FR	GM 102 FR	FM 102 FR	R 102 FR		Roller Bearing								
GS 102 FE	FS 102 FE	GM 102 FE	FM 102 FE	R 102 FE		Ball Bearing								

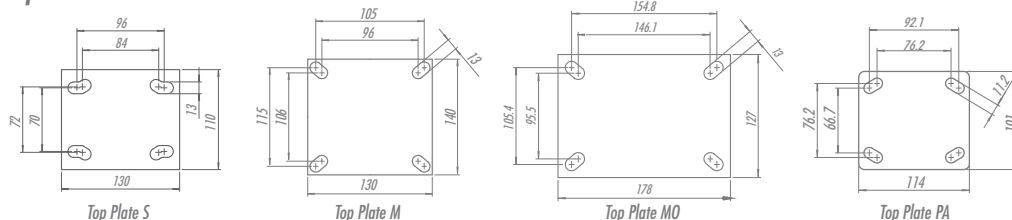
Fittings/Accessories

Hole Center 13mm	Threaded Stem	Long Stem
	1/2" NC X 32mm	1/2" NC X 64mm
SES	SE	SEX
		See table below
		ME

Swivel Section



Top Plates



Brake Options

LONG STEM FITTING		
CODE	Ø	HEIGHT
ME 1	1"	150mm
ME 2	1.1/4"	
ME 3	1.5/16"	



FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

FL - Side Lock
Wheel Brake

GSC - GMC











B - MOLDED RUBBER

Load capacity up to 450kg

Reinforced rig made of stamped and welded steel plate, swivel section with bolted central pin, and zinc-plated finish. Bolted wheel axle.

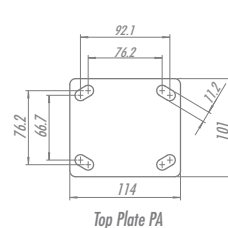
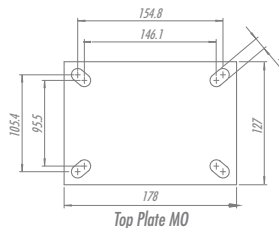
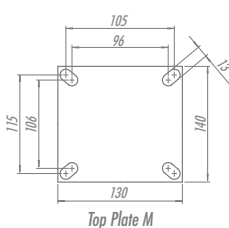
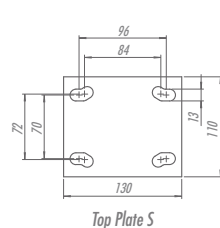


B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. Resistant to abrasion and chemicals. The recommended traveling speed is up to 4km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GSC 414 BR	FSC 414 BR	GMC 414 BR	FMC 414 BR	R 414 BR - 1/2"	100	38	1/2"	Roller Bearing	150	138	80	156	-	-
GSC 414 BE	FSC 414 BE	GMC 414 BE	FMC 414 BE	R 414 BE - 1/2"				Ball Bearing						
GSC 514 BR	FSC 514 BR	GMC 514 BR	FMC 514 BR	R 514 BR - 1/2"	125			Roller Bearing	175	165	100	170	-	-
GSC 514 BE	FSC 514 BE	GMC 514 BE	FMC 514 BE	R 514 BE - 1/2"				Ball Bearing						
GSC 614 BR	FSC 614 BR	GMC 614 BR	FMC 614 BR	R 614 BR - 1/2"	150			Roller Bearing	200	196	121	187	-	-
GSC 614 BE	FSC 614 BE	GMC 614 BE	FMC 614 BE	R 614 BE - 1/2"				Ball Bearing						
GSC 42 BR	FSC 42 BR	GMC 42 BR	FMC 42 BR	R 42 BR	100	Roller Bearing		200	138	80	156	-	139	
GSC 42 BE	FSC 42 BE	GMC 42 BE	FMC 42 BE	R 42 BE		Ball Bearing								
GSC 52 BR	FSC 52 BR	GMC 52 BR	FMC 52 BR	R 52 BR	125	Roller Bearing		250	165	100	170	172	152	
GSC 52 BE	FSC 52 BE	GMC 52 BE	FMC 52 BE	R 52 BE		Ball Bearing								
GSC 62 BR	FSC 62 BR	GMC 62 BR	FMC 62 BR	R 62 BR	150	Roller Bearing		300	196	121	187	180	167	
GSC 62 BE	FSC 62 BE	GMC 62 BE	FMC 62 BE	R 62 BE		Ball Bearing								
GSC 82 BR	FSC 82 BR	GMC 82 BR	FMC 82 BR	R 82 BR	200	Roller Bearing	350	235	153	214	-	187		
GSC 82 BE	FSC 82 BE	GMC 82 BE	FMC 82 BE	R 82 BE		Ball Bearing								
GSC 102 BR	FSC 102 BR	GMC 102 BR	FMC 102 BR	R 102 BR	250	Roller Bearing	450	292	193	235	-	215		
GSC 102 BE	FSC 102 BE	GMC 102 BE	FMC 102 BE	R 102 BE		Ball Bearing								

Swivel Section

Top Plates



Brake Options








GSC - GMC ALUMINIUM ALP

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, swivel section with bolted central pin, and zinc-plated finish. Bolted wheel axle.



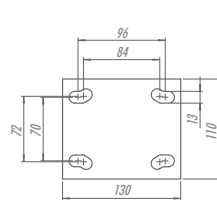
ALP WHEEL - Molded Polyurethane on an Aluminum Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant and is ideal for applications involving diverse floor types and environments. Capable for high loads, is very durable, protects the floor, requires low push-pull force, and provides a quiet roll. Excellent resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be towed at speeds up to 4 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GSC 414 ALPE	FSC 414 ALPE	GMC 414 ALPE	FMC 414 ALPE	R 414 ALPE 1/2"	100	38	1/2"	Ball Bearing	350	138	80	156	-	-
GSC 514 ALPE	FSC 514 ALPE	GMC 514 ALPE	FMC 514 ALPE	R 514 ALPE 1/2"	125				400	165	100	170	-	-
GSC 614 ALPE	FSC 614 ALPE	GMC 614 ALPE	FMC 614 ALPE	R 614 ALPE 1/2"	150				450	196	121	187	-	-
GSC 52 ALPE	FSC 52 ALPE	GMC 52 ALPE	FMC 52 ALPE	R 52 ALPE	125	500			165	100	170	172	152	
GSC 62 ALPE	FSC 62 ALPE	GMC 62 ALPE	FMC 62 ALPE	R 62 ALPE	150	650			196	121	187	180	167	
GSC 82 ALPE	FSC 82 ALPE	GMC 82 ALPE	FMC 82 ALPE	R 82 ALPE	200	700			235	153	214	-	187	

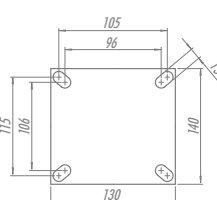
Swivel Section



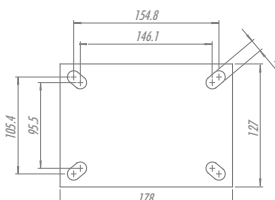
Top Plates



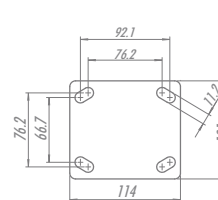
Top Plate S



Top Plate M



Top Plate MO



Top Plate PA

Brake Options



GB* - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



FL - Side Lock
Wheel Brake

GSC - GMC











ALUMINIUM ALP SOFT

Load capacity up to 400kg

Reinforced rig made of stamped and welded steel plate, swivel section with bolted central pin, and zinc-plated finish. Bolted wheel axle.



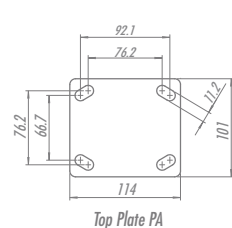
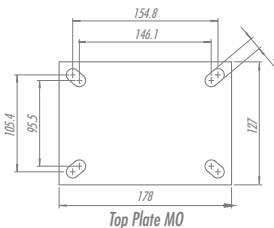
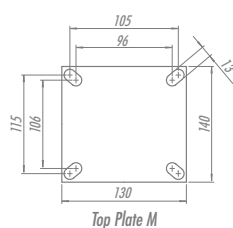
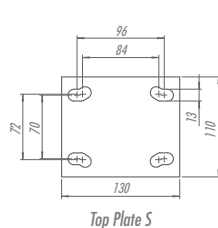
ALP SOFT WHEEL - Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It can handle high loads and protects the floor. It offers a low push-pull force, quiet operation, and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 4 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel												
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)		
GSC 414 ALPE SOFT	FSC 414 ALPE SOFT	GMC 414 ALPE SOFT	FMC 414 ALPE SOFT	R 414 ALPE SOFT 1/2"	100	38	1/2"	Ball Bearing	200	138	80	156	-	-		
GSC 514 ALPE SOFT	FSC 514 ALPE SOFT	GMC 514 ALPE SOFT	FMC 514 ALPE SOFT	R 514 ALPE SOFT 1/2"	125				225	165	100	170	-	-		
GSC 614 ALPE SOFT	FSC 614 ALPE SOFT	GMC 614 ALPE SOFT	FMC 614 ALPE SOFT	R 614 ALPE SOFT 1/2"	150				250	196	121	187	-	-		
GSC 52 ALPE SOFT	FSC 52 ALPE SOFT	GMC 52 ALPE SOFT	FMC 52 ALPE SOFT	R 52 ALPE SOFT	125	50			300	165	100	170	172	152		
GSC 62 ALPE SOFT	FSC 62 ALPE SOFT	GMC 62 ALPE SOFT	FMC 62 ALPE SOFT	R 62 ALPE SOFT	150				350	196	121	187	180	167		
GSC 82 ALPE SOFT	FSC 82 ALPE SOFT	GMC 82 ALPE SOFT	FMC 82 ALPE SOFT	R 82 ALPE SOFT	200				400	235	153	214	-	187		

Swivel Section



Top Plates



Brake Options





GSC - GMC











ALUMINIUM ALPSS SOFT

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, swivel section with bolted central pin, and zinc-plated finish. Bolted wheel axle.



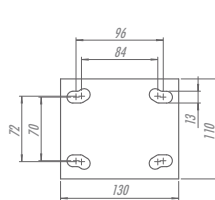
ALPSS SOFT WHEEL - Extra Thick Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium, extra thick, molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It withstands high loads, protects the floor, has a low push-pull force, low noise level and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 16 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel												
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)		
GSC 514 ALPSSE SOFT	FSC 514 ALPSSE SOFT	GMC 514 ALPSSE SOFT	FMC 514 ALPSSE SOFT	R 514 ALPSSE SOFT - 1/2"	125	38	1/2"	Ball Bearing	350	165	100	170	-	-		
GSC 614 ALPSSE SOFT	FSC 614 ALPSSE SOFT	GMC 614 ALPSSE SOFT	FMC 614 ALPSSE SOFT	R 614 ALPSSE SOFT - 1/2"	150				400	196	121	187	-	-		
GSC 62 ALPSSE SOFT	FSC 62 ALPSSE SOFT	GMC 62 ALPSSE SOFT	FMC 62 ALPSSE SOFT	R 62 ALPSSE SOFT	150	50			550	196	121	187	180	167		
GSC 82 ALPSSE SOFT	FSC 82 ALPSSE SOFT	GMC 82 ALPSSE SOFT	FMC 82 ALPSSE SOFT	R 82 ALPSSE SOFT	200				700	235	153	214	-	187		

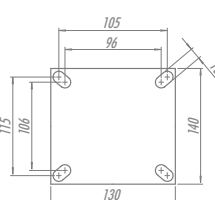
Swivel Section



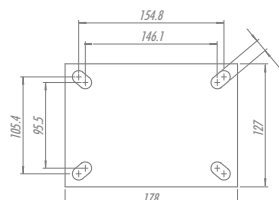
Top Plates



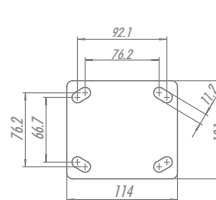
Top Plate S



Top Plate M



Top Plate MO



Top Plate PA

Brake Options



GB* - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



FL - Side Lock
Wheel Brake

GSC - GMC











P - MOLDED POLYURETHANE

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, swivel section with bolted central pin, and zinc-plated finish. Bolted wheel axle.



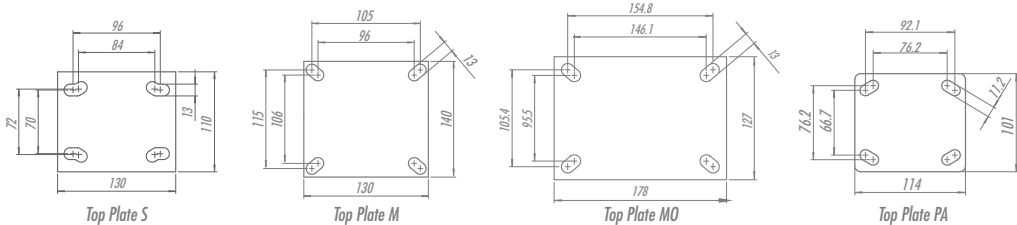
P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. It can be used at speeds up to 4km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GSC 414 PR	FSC 414 PR	GMC 414 PR	FMC 414 PR	R 414 PR - 1/2"	100	38	1/2"	Roller Bearing	350	138	80	156	-	-
GSC 414 PE	FSC 414 PE	GMC 414 PE	FMC 414 PE	R 414 PE - 1/2"				Ball Bearing						
GSC 514 PR	FSC 514 PR	GMC 514 PR	FMC 514 PR	R 514 PR - 1/2"	125			Roller Bearing	400	165	100	170	-	-
GSC 514 PE	FSC 514 PE	GMC 514 PE	FMC 514 PE	R 514 PE - 1/2"				Ball Bearing						
GSC 614 PR	FSC 614 PR	GMC 614 PR	FMC 614 PR	R 614 PR - 1/2"	150			Roller Bearing	450	196	121	187	-	-
GSC 614 PE	FSC 614 PE	GMC 614 PE	FMC 614 PE	R 614 PE - 1/2"				Ball Bearing						
GSC 42 PR	FSC 42 PR	GMC 42 PR	FMC 42 PR	R 42 PR	100			Roller Bearing	500	138	80	156	-	139
GSC 42 PE	FSC 42 PE	GMC 42 PE	FMC 42 PE	R 42 PE				Ball Bearing						
GSC 52 PR	FSC 52 PR	GMC 52 PR	FMC 52 PR	R 52 PR	125			Roller Bearing	600	165	100	170	172	152
GSC 52 PE	FSC 52 PE	GMC 52 PE	FMC 52 PE	R 52 PE				Ball Bearing						
GSC 62 PR	FSC 62 PR	GMC 62 PR	FMC 62 PR	R 62 PR	150			Roller Bearing	700	196	121	187	180	167
GSC 62 PE	FSC 62 PE	GMC 62 PE	FMC 62 PE	R 62 PE				Ball Bearing						
GSC 82 PR	FSC 82 PR	GMC 82 PR	FMC 82 PR	R 82 PR	200			Roller Bearing	700	235	153	214	-	187
GSC 82 PE	FSC 82 PE	GMC 82 PE	FMC 82 PE	R 82 PE				Ball Bearing						
GSC 102 PR	FSC 102 PR	GMC 102 PR	FMC 102 PR	R 102 PR	250			Roller Bearing	700	292	193	235	-	215
GSC 102 PE	FSC 102 PE	GMC 102 PE	FMC 102 PE	R 102 PE				Ball Bearing						

Swivel Section



Top Plates



Brake Options



GB* - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



FL - Side Lock
Wheel Brake

GSC - GMC








F - CAST IRON

Load capacity up to 700kg

Reinforced rig made of stamped and welded steel plate, swivel section with bolted central pin, and zinc-plated finish. Bolted wheel axle.



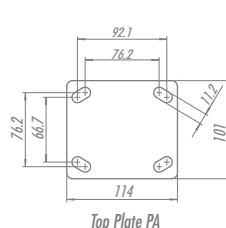
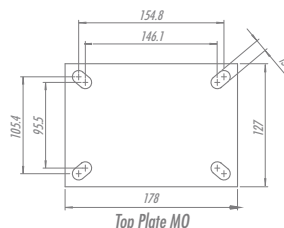
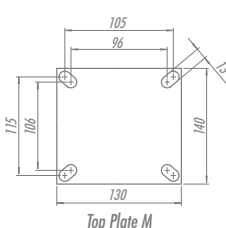
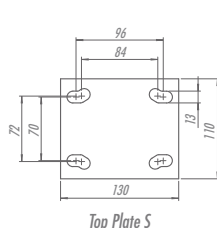
F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Swivel Caster	Rigid Caster	Wheel										
Reference					(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GSC 414 FR	FSC 414 FR	GMC 414 FR	FMC 414 FR	R 414 FR - 1/2"	100	38	1/2"	Roller Bearing	350	138	80	156	-	-
GSC 414 FE	FSC 414 FE	GMC 414 FE	FMC 414 FE	R 414 FE - 1/2"				Ball Bearing						
GSC 514 FR	FSC 514 FR	GMC 514 FR	FMC 514 FR	R 514 FR - 1/2"	125			Roller Bearing	400	165	100	170	-	-
GSC 514 FE	FSC 514 FE	GMC 514 FE	FMC 514 FE	R 514 FE - 1/2"				Ball Bearing						
GSC 614 FR	FSC 614 FR	GMC 614 FR	FMC 614 FR	R 614 FR - 1/2"	150			Roller Bearing	450	196	121	187	-	-
GSC 614 FE	FSC 614 FE	GMC 614 FE	FMC 614 FE	R 614 FE - 1/2"				Ball Bearing						
GSC 42 FR	FSC 42 FR	GMC 42 FR	FMC 42 FR	R 42 FR	100	50	1/2"	Roller Bearing	500	138	80	156	-	139
GSC 42 FE	FSC 42 FE	GMC 42 FE	FMC 42 FE	R 42 FE				Ball Bearing						
GSC 52 FR	FSC 52 FR	GMC 52 FR	FMC 52 FR	R 52 FR	125			Roller Bearing	600	165	100	170	172	152
GSC 52 FE	FSC 52 FE	GMC 52 FE	FMC 52 FE	R 52 FE				Ball Bearing						
GSC 62 FR	FSC 62 FR	GMC 62 FR	FMC 62 FR	R 62 FR	150			Roller Bearing	700	196	121	187	180	167
GSC 62 FE	FSC 62 FE	GMC 62 FE	FMC 62 FE	R 62 FE				Ball Bearing						
GSC 82 FR	FSC 82 FR	GMC 82 FR	FMC 82 FR	R 82 FR	200			Roller Bearing	700	235	153	214	-	187
GSC 82 FE	FSC 82 FE	GMC 82 FE	FMC 82 FE	R 82 FE				Ball Bearing						
GSC 102 FR	FSC 102 FR	GMC 102 FR	FMC 102 FR	R 102 FR	250			Roller Bearing	700	292	193	235	-	215
GSC 102 FE	FSC 102 FE	GMC 102 FE	FMC 102 FE	R 102 FE				Ball Bearing						

Swivel Section



Top Plates



Brake Options



MX - Axial Medium Duty

BP - PVC











Load capacity up to 400kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Wheel												
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)		
GMX 42 BPN	FMX 42 BPN	R 42 BPN	100	50	1/2"	Nylon Bushing	150	155	86	161	-	141		
GMX 42 BPR	FMX 42 BPR	R 42 BPR				Roller Bearing								
GMX 42 BPE	FMX 42 BPE	R 42 BPE				Ball Bearing								
GMX 52 BPN	FMX 52 BPN	R 52 BPN	125			Nylon Bushing	200	183	106	170	173	158		
GMX 52 BPR	FMX 52 BPR	R 52 BPR				Roller Bearing								
GMX 52 BPE	FMX 52 BPE	R 52 BPE				Ball Bearing								
GMX 62 BPN	FMX 62 BPN	R 62 BPN	150			Nylon Bushing	250	205	123	183	183	169		
GMX 62 BPR	FMX 62 BPR	R 62 BPR				Roller Bearing								
GMX 62 BPE	FMX 62 BPE	R 62 BPE				Ball Bearing								
GMX 82 BPN	FMX 82 BPN	R 82 BPN	200			Nylon Bushing	300	251	158	206	-	192		
GMX 82 BPR	FMX 82 BPR	R 82 BPR				Roller Bearing								
GMX 82 BPE	FMX 82 BPE	R 82 BPE				Ball Bearing								
GMX 102 BPN	FMX 102 BPN	R 102 BPN	250			Nylon Bushing	400	306	197	220	-	219		
GMX 102 BPE	FMX 102 BPE	R 102 BPE				Ball Bearing								

Swivel Section



Accessories/Brake Options



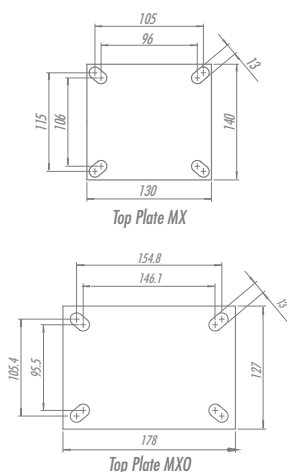
FL - Side Lock Wheel Brake

FLD - Double Side Brake

GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off Double Pedal Brake

Top Plates



FP - Pedal Brake

AH - Central Brake
Consult the caster overall height for this brake type

BG - Swivel Lock

GC - Caster Guard












MX - Axial Medium Duty TB - THERMOPLASTIC RUBBER

Load capacity up to 400kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



TB WHEEL - Thermoplastic Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with thermoplastic rubber on a polypropylene copolymer core. This non-marking wheel offers excellent floor protection, soft and quiet rolling, smooth handling and maneuverability, impact resistance, a low deformation index under load, and excellent abrasion resistance. It also has great resistance to inclement weather and compounds such as salt, and grease. The recommended traveling speed is up to 4km/h.

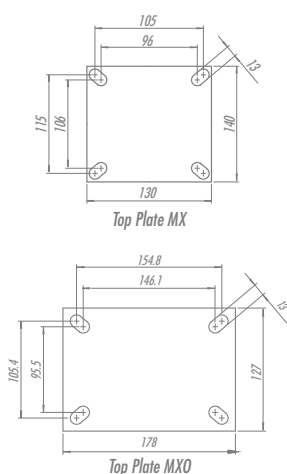
Swivel Caster	Rigid Caster	Wheel											
Reference													
GMX 42 TBN	FMX 42 TBN	R 42 TBN	100	50	1/2"	Nylon Bushing	150	155	86	161	-	141	
GMX 42 TBR	FMX 42 TBR	R 42 TBR				Roller Bearing							
GMX 42 TBE	FMX 42 TBE	R 42 TBE				Ball Bearing							
GMX 52 TBN	FMX 52 TBN	R 52 TBN	125			Nylon Bushing	200	183	106	170	173	158	
GMX 52 TBR	FMX 52 TBR	R 52 TBR				Roller Bearing							
GMX 52 TBE	FMX 52 TBE	R 52 TBE				Ball Bearing							
GMX 62 TBN	FMX 62 TBN	R 62 TBN	150			Nylon Bushing	250	205	123	183	183	169	
GMX 62 TBR	FMX 62 TBR	R 62 TBR				Roller Bearing							
GMX 62 TBE	FMX 62 TBE	R 62 TBE				Ball Bearing							
GMX 82 TBN	FMX 82 TBN	R 82 TBN	200			Nylon Bushing	300	251	158	206	-	192	
GMX 82 TBE	FMX 82 TBE	R 82 TBE				Ball Bearing							
GMX 102 TBN	FMX 102 TBN	R 102 TBN	250			Nylon Bushing	400	306	197	220	-	219	
GMX 102 TBE	FMX 102 TBE	R 102 TBE				Ball Bearing							

Swivel Section



Accessories/Brake Options

Top Plates



FL - Side Lock
Wheel Brake



FLD - Double Side Brake



GB - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AH - Central Brake
Consult the caster overall
height for this brake type



BG - Swivel Lock



GC - Caster Guard

MX - Axial Medium Duty

TP - THERMOPLASTIC COMPOUND











Load capacity up to 400kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



TP WHEEL - Thermoplastic Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a recyclable thermoplastic compound on a polypropylene copolymer core. It offers soft and quiet rolling, great floor protection, excellent chemical, wear, and impact resistance resulting in a excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.



Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)		(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)	
GMX 42 TPN	FMX 42 TPN	R 42 TPN	100	50	1/2"	Nylon Bushing	150	155	86	161	-	141
GMX 42 TPR	FMX 42 TPR	R 42 TPR				Roller Bearing						
GMX 42 TPE	FMX 42 TPE	R 42 TPE				Ball Bearing						
GMX 52 TPN	FMX 52 TPN	R 52 TPN	Nylon Bushing			200	183	106	170	173	158	
GMX 52 TPR	FMX 52 TPR	R 52 TPR	Roller Bearing									
GMX 52 TPE	FMX 52 TPE	R 52 TPE	Ball Bearing									
GMX 62 TPN	FMX 62 TPN	R 62 TPN	Nylon Bushing			250	205	123	183	183	169	
GMX 62 TPR	FMX 62 TPR	R 62 TPR	Roller Bearing									
GMX 62 TPE	FMX 62 TPE	R 62 TPE	Ball Bearing									
GMX 82 TPN	FMX 82 TPN	R 82 TPN	Nylon Bushing			300	251	158	206	-	192	
GMX 82 TPE	FMX 82 TPE	R 82 TPE	Ball Bearing									
GMX 102 TPN	FMX 102 TPN	R 102 TPN	Nylon Bushing			400	306	197	220	-	219	
GMX 102 TPE	FMX 102 TPE	R 102 TPE	Ball Bearing									

Swivel Section



Accessories/Brake Options



FL - Side Lock
Wheel Brake



FLD - Double Side Brake

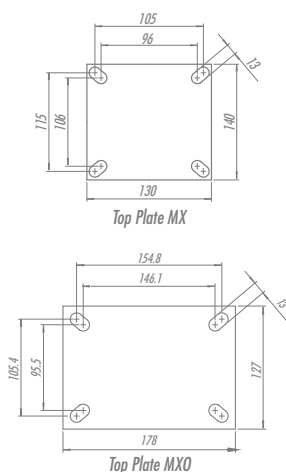


GB - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake

Top Plates



FP - Pedal Brake



AH - Central Brake
Consult the caster overall
height for this brake type



BG - Swivel Lock



GC - Caster Guard











MX - Axial Medium Duty UP - POLYURETHANE THERMOPLASTIC

Load capacity up to 700kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



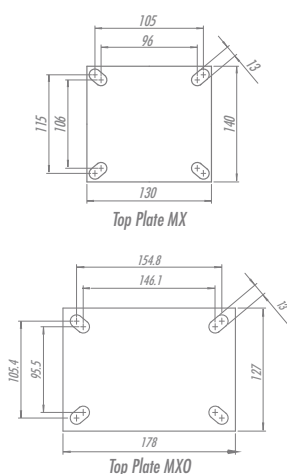
UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C). Manufactured with recyclable thermoplastic elastomer polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel										
Reference												
GMX 42 UPN	FMX 42 UPN	R 42 UPN	100	50	1/2"	Nylon Bushing	250	155	86	161	-	141
GMX 42 UPR	FMX 42 UPR	R 42 UPR				Roller Bearing						
GMX 42 UPE	FMX 42 UPE	R 42 UPE				Ball Bearing						
GMX 52 UPN	FMX 52 UPN	R 52 UPN	125			Nylon Bushing	350	183	106	170	173	158
GMX 52 UPR	FMX 52 UPR	R 52 UPR				Roller Bearing						
GMX 52 UPE	FMX 52 UPE	R 52 UPE				Ball Bearing						
GMX 62 UPN	FMX 62 UPN	R 62 UPN	150			Nylon Bushing	400	205	123	183	183	169
GMX 62 UPR	FMX 62 UPR	R 62 UPR				Roller Bearing						
GMX 62 UPE	FMX 62 UPE	R 62 UPE				Ball Bearing						
GMX 82 UPN	FMX 82 UPN	R 82 UPN	200			Nylon Bushing	550	251	158	206	-	192
GMX 82 UPE	FMX 82 UPE	R 82 UPE				Ball Bearing						
GMX 102 UPN	FMX 102 UPN	R 102 UPN	250			Nylon Bushing	700	306	197	220	-	219
GMX 102 UPE	FMX 102 UPE	R 102 UPE				Ball Bearing						

Swivel Section



Top Plates



Accessories/Brake Options



FL - Side Lock
Wheel Brake

FLD - Double Side Brake

GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake



FP - Pedal Brake

AH - Central Brake
Consult the caster overall
height for this brake type

BG - Swivel Lock

GC - Caster Guard

MX - Axial Medium Duty

NT - TECHNICAL NYLON






Load capacity up to 900kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



NT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with high quality Nylon 6, both tread and core. It is light, has excellent mechanical resistance, and rolls very easily requiring less effort in maneuvering. Ideal for applications in wet environments, it is resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.



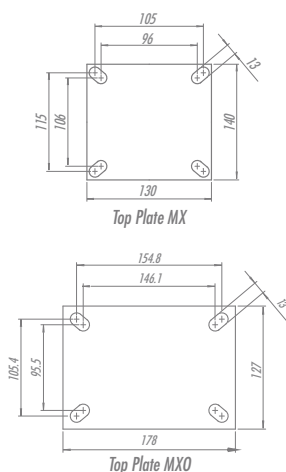
Swivel Caster	Rigid Caster	Wheel											
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)	
GMX 42 NTN	FMX 42 NTN	R 42 NTN	100	50	1/2"	Nylon Bushing	400	155	86	161	-	141	
GMX 42 NTR	FMX 42 NTR	R 42 NTR				Roller Bearing							
GMX 42 NTE	FMX 42 NTE	R 42 NTE				Ball Bearing							
GMX 52 NTN	FMX 52 NTN	R 52 NTN	125			Nylon Bushing	500	183	106	170	173	158	
GMX 52 NTR	FMX 52 NTR	R 52 NTR				Roller Bearing							
GMX 52 NTE	FMX 52 NTE	R 52 NTE				Ball Bearing							
GMX 62 NTN	FMX 62 NTN	R 62 NTN	150			Nylon Bushing	600	205	123	183	183	169	
GMX 62 NTR	FMX 62 NTR	R 62 NTR				Roller Bearing							
GMX 62 NTE	FMX 62 NTE	R 62 NTE				Ball Bearing							
GMX 82 NTN	FMX 82 NTN	R 82 NTN	200			Nylon Bushing	800	251	158	206	-	192	
GMX 82 NTE	FMX 82 NTE	R 82 NTE				Ball Bearing							
GMX 102 NTN	FMX 102 NTN	R 102 NTN	250			Nylon Bushing	900	306	197	220	-	219	
GMX 102 NTE	FMX 102 NTE	R 102 NTE				Ball Bearing							

Swivel Section



Accessories/Brake Options

Top Plates



FL - Side Lock
Wheel Brake



FLD - Double Side Brake



GB - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AH - Central Brake
Consult the caster overall
height for this brake type



BG - Swivel Lock



GC - Caster Guard











MX - Axial Medium Duty NTT - TECHNICAL NYLON

Load capacity up to 600kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



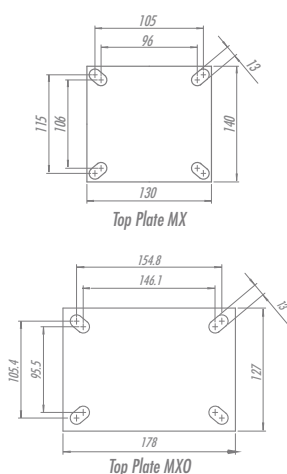
NTT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with single injection high quality Nylon 6. It is lightweight, provides good mechanical resistance, and rolls very easily requiring less effort in maneuvering. Under static loads, it is resistant to deformation. Ideal for applications in wet environments, it is also resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel												
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)		
GMX 52 NTT	FMX 52 NTT	R 52 NTT	125	50	1/2"	Plain Bearing	500	183	106	170	173	158		
GMX 52 NTTR	FMX 52 NTTR	R 52 NTTR				Roller Bearing								
GMX 52 NTTE	FMX 52 NTTE	R 52 NTTE				Ball Bearing								
GMX 62 NTT	FMX 62 NTT	R 62 NTT	150			Plain Bearing	600	205	123	183	183	169		
GMX 62 NTTR	FMX 62 NTTR	R 62 NTTR				Roller Bearing								
GMX 62 NTTE	FMX 62 NTTE	R 62 NTTE				Ball Bearing								

Swivel Section



Top Plates



Accessories/Brake Options



FL - Side Lock
Wheel Brake



FLD - Double Side Brake



GB - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AH - Central Brake
Consult the caster overall
height for this brake type



BG - Swivel Lock



GC - Caster Guard

MX - Axial Medium Duty

B - MOLDED RUBBER











Load capacity up to 450kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.



Swivel Caster	Rigid Caster	Wheel												
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)		
GMX 42 BR	FMX 42 BR	R 42 BR	100	50	1/2"	Roller Bearing	200	155	86	161	-	141		
GMX 42 BE	FMX 42 BE	R 42 BE				Ball Bearing								
GMX 52 BR	FMX 52 BR	R 52 BR	125			Roller Bearing	250	183	106	170	173	158		
GMX 52 BE	FMX 52 BE	R 52 BE				Ball Bearing								
GMX 62 BR	FMX 62 BR	R 62 BR	150			Roller Bearing	300	205	123	183	183	169		
GMX 62 BE	FMX 62 BE	R 62 BE				Ball Bearing								
GMX 72 BR	FMX 72 BR	R 72 BR	175			Roller Bearing	325	238	145	198	-	-		
GMX 72 BE	FMX 72 BE	R 72 BE				Ball Bearing								
GMX 82 BR	FMX 82 BR	R 82 BR	200			Roller Bearing	350	251	158	206	-	192		
GMX 82 BE	FMX 82 BE	R 82 BE				Ball Bearing								
GMX 92 BR	FMX 92 BR	R 92 BR	225			Roller Bearing	400	294	185	213	-	-		
GMX 92 BE	FMX 92 BE	R 92 BE				Ball Bearing								
GMX 102 BR	FMX 102 BR	R 102 BR	250			Roller Bearing	450	306	197	220	-	219		
GMX 102 BE	FMX 102 BE	R 102 BE				Ball Bearing								

Swivel Section



Accessories/Brake Options



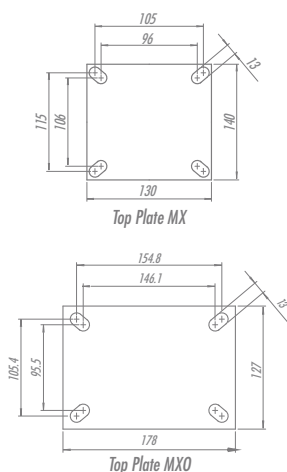
FL - Side Lock Wheel Brake

FLD - Double Side Brake

GB - Pedal Break
*Available only for 52 and 62

FPD - On/Off Double Pedal Brake

Top Plates



FP - Pedal Brake

AH - Central Brake
Consult the caster overall height for this brake type

BG - Swivel Lock

GC - Caster Guard


MX - Axial Medium Duty BS - EXTRA THICK MOLDED RUBBER

Load capacity up to 500kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



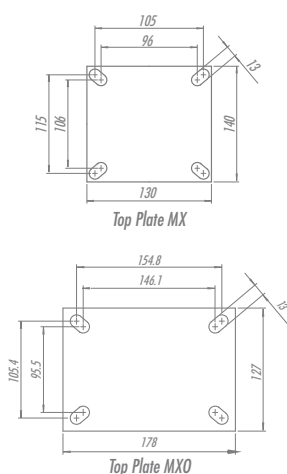
BS WHEEL - Extra Thick Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with an extra thick molded rubber tread on a cast iron core. Ideal for outdoor flooring applications, this wheel offers great shock and vibration absorption, high resistance to abrasion and longer service life due to its extra thick rubber layer. Resistant to chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake GB (mm)	 w/ brake FPD (mm)
Reference												
GMX 52 BSE	FMX 52 BSE	R 52 BSE	125	50	1/2"	Ball Bearing	300	183	106	170	173	158
GMX 62 BSE	FMX 62 BSE	R 62 BSE	150				350	205	123	183	183	169
GMX 82 BSE	FMX 82 BSE	R 82 BSE	200				400	251	158	206	-	192
GMX 102 BSE	FMX 102 BSE	R 102 BSE	250				500	306	197	220	-	219

Swivel Section



Top Plates



Accessories/Brake Options



FL - Side Lock
Wheel Brake



FLD - Double Side Brake



GB - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AH - Central Brake
Consult the caster overall
height for this brake type



BG - Swivel Lock



GC - Caster Guard

MX - Axial Medium Duty

BS - EXTRA THICK MOLDED RUBBER BLUE

Load capacity up to 500kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



Wheel Types

BS Blue

65 Shore A
up to 16km/h












BS Gray

75 Shore A
up to 16km/h



BS WHEEL - Extra Thick Molded Rubber Blue. Hardness: 65 Shore A. (-20°C to +70°C). Manufactured with an extra thick molded rubber tread on a cast iron core. Ideal for outdoor flooring applications, this wheel offers great shock and vibration absorption, high resistance to abrasion and longer service life due to its extra thick rubber layer. Resistant to chemicals. The recommended travelling speed is up to 16km/h when mounted with selected ball bearings and appropriate rig.

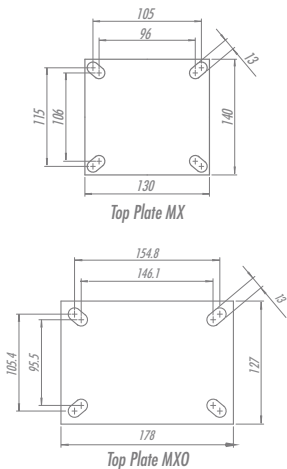
Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GMX 52 BSE AZUL	FMX 52 BSE AZUL	R 52 BSE AZUL	125	50	1/2"	Ball Bearing	300	183	106	170	173	158
GMX 62 BSE AZUL	FMX 62 BSE AZUL	R 62 BSE AZUL	150				350	205	123	183	183	169
GMX 82 BSE AZUL	FMX 82 BSE AZUL	R 82 BSE AZUL	200				400	251	158	206	-	192
GMX 102 BSE AZUL	FMX 102 BSE AZUL	R 102 BSE AZUL	250				500	306	197	220	-	219

Swivel Section



Accessories/Brake Options

Top Plates



FL - Side Lock
Wheel Brake



FLD - Double Side Brake



GB - Pedal Break
**Available only for 52 and 62*



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AH - Central Brake
*Consult the caster overall
height for this brake type*



BG - Swivel Lock



GC - Caster Guard



MX - Axial Medium Duty ALUMINIUM ALP

Load capacity up to 850kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



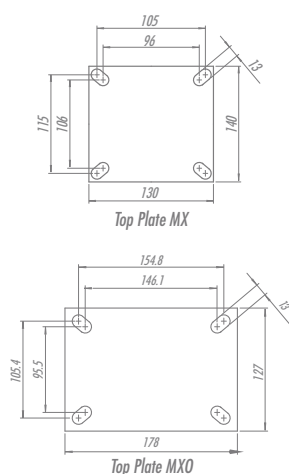
ALP WHEEL - Molded Polyurethane on an Aluminum Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant and is ideal for applications involving diverse floor types and environments. Capable for high loads, is very durable, protects the floor, requires low push-pull force, and provides a quiet roll. Excellent resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be towed at speeds up to 6 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake GB (mm)	 w/ brake FPD (mm)
Reference												
GMX 52 ALPE	FMX 52 ALPE	R 52 ALPE	125	50	1/2"	Ball Bearing	500	183	106	170	173	158
GMX 62 ALPE	FMX 62 ALPE	R 62 ALPE	150				650	205	123	183	183	169
GMX 82 ALPE	FMX 82 ALPE	R 82 ALPE	200				850	251	162	206	-	192

Swivel Section



Top Plates



Accessories/Brake Options



FL - Side Lock
Wheel Brake



FLD - Double Side Brake



GB - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AH - Central Brake
Consult the caster overall
height for this brake type



BG - Swivel Lock



GC - Caster Guard

MX - Axial Medium Duty

ALUMINIUM ALP SOFT

Load capacity up to 400kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



ALP SOFT WHEEL - Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It can handle high loads and protects the floor. It offers a low push-pull force, quiet operation, and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 6 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GMX 52 ALPE SOFT	FMX 52 ALPE SOFT	R 52 ALPE SOFT	125	50	1/2"	Ball Bearing	300	183	106	170	173	158
GMX 62 ALPE SOFT	FMX 62 ALPE SOFT	R 62 ALPE SOFT	150				350	205	123	183	183	169
GMX 82 ALPE SOFT	FMX 82 ALPE SOFT	R 82 ALPE SOFT	200				400	251	162	206	-	192

Swivel Section



Accessories/Brake Options



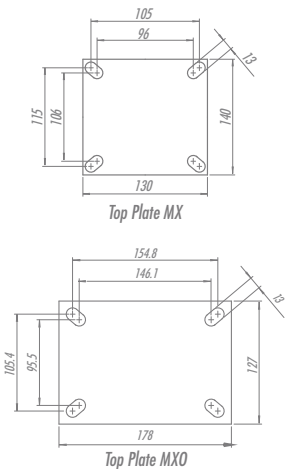
FL - Side Lock Wheel Brake

FLD - Double Side Brake

GB - Pedal Break
*Available only for 52 and 62

FPD - On/Off Double Pedal Brake

Top Plates



FP - Pedal Brake

AH - Central Brake
Consult the caster overall height for this brake type

BG - Swivel Lock

GC - Caster Guard











MX - Axial Medium Duty ALUMINIUM ALPSS SOFT

Load capacity up to 700kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



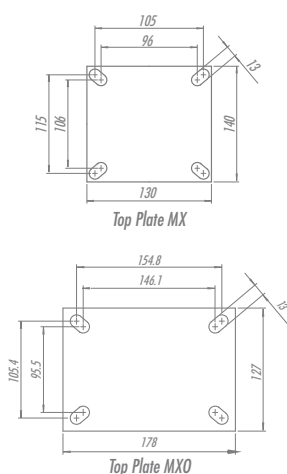
ALPSS SOFT WHEEL - Extra Thick Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium, extra thick, molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It withstands high loads, protects the floor, has a low push-pull force, low noise level and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 16 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake GB (mm)	 w/ brake FPD (mm)
Reference												
GMX 62 ALPSSE SOFT	FMX 62 ALPSSE SOFT	R 62 ALPSSE SOFT	150	50	1/2"	Ball Bearing	550	205	123	183	183	169
GMX 82 ALPSSE SOFT	FMX 82 ALPSSE SOFT	R 82 ALPSSE SOFT	200				700	251	162	206	-	192

Swivel Section



Top Plates



Accessories/Brake Options



FL - Side Lock
Wheel Brake

FLD - Double Side Brake

GB - Pedal Break
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake



FP - Pedal Brake

AH - Central Brake
Consult the caster overall
height for this brake type

BG - Swivel Lock

GC - Caster Guard

MX - Axial Medium Duty

P - MOLDED POLYURETHANE











Load capacity up to 900kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.



Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
GMX 42 PR	FMX 42 PR	R 42 PR	100	50	1/2"	Roller Bearing	500	155	86	161	-	141
GMX 42 PE	FMX 42 PE	R 42 PE				Ball Bearing						
GMX 52 PR	FMX 52 PR	R 52 PR	Roller Bearing			600	183	106	170	173	158	
GMX 52 PE	FMX 52 PE	R 52 PE	Ball Bearing									
GMX 62 PR	FMX 62 PR	R 62 PR	Roller Bearing			700	205	123	183	183	169	
GMX 62 PE	FMX 62 PE	R 62 PE	Ball Bearing									
GMX 72 PR	FMX 72 PR	R 72 PR	Roller Bearing			800	238	145	198	-	-	
GMX 72 PE	FMX 72 PE	R 72 PE	Ball Bearing									
GMX 82 PR	FMX 82 PR	R 82 PR	Roller Bearing			900	251	158	206	-	192	
GMX 82 PE	FMX 82 PE	R 82 PE	Ball Bearing									
GMX 92 PR	FMX 92 PR	R 92 PR	Roller Bearing				294	185	213	-	-	
GMX 92 PE	FMX 92 PE	R 92 PE	Ball Bearing									
GMX 102 PR	FMX 102 PR	R 102 PR	Roller Bearing			306	197	220	-	219		
GMX 102 PE	FMX 102 PE	R 102 PE	Ball Bearing									

Swivel Section



Accessories/Brake Options



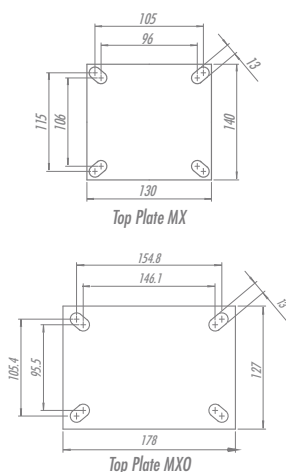
FL - Side Lock
Wheel Brake

FLD - Double Side Brake

GB - Pedal Brake
*Available only for 52 and 62

FPD - On/Off
Double Pedal Brake

Top Plates



FP - Pedal Brake

AH - Central Brake
Consult the caster overall
height for this brake type

BG - Swivel Lock

GC - Caster Guard

MX - Axial Medium Duty BC - MOLDED POLYURETHANE

Load capacity up to 700kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



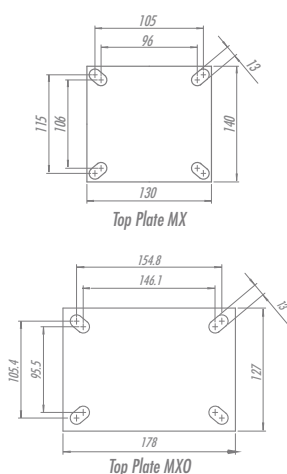
BC WHEEL - Round Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Round tread profile offers reduced floor contact area providing less maneuvering resistance, reducing handling effort, and a low noise pollution level. This wheel offers a superior service life due to the larger than conventional extra thick polyurethane. It has an excellent resistance to abrasion, impact, inclement weather and chemicals such as grease, oil, salt, and solvents. It can be used at a speed up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	Ø (mm)	Height (mm)	Bore (pol)	Mounting	Weight KG	Width (mm)	W/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
Reference												
GMX 42 BCE	FMX 42 BCE	R 42 BCE	100	50	1/2"	Ball Bearing	400	155	86	161	-	141
GMX 52 BCE	FMX 52 BCE	R 52 BCE	125				450	183	106	170	173	158
GMX 62 BCE	FMX 62 BCE	R 62 BCE	150				550	205	123	183	183	169
GMX 82 BCE	FMX 82 BCE	R 82 BCE	200				650	251	158	206	-	192
GMX 102 BCE	FMX 102 BCE	R 102 BCE	250				700	306	197	220	-	219

Swivel Section



Top Plates



Accessories/Brake Options



FL - Side Lock
Wheel Brake



FLD - Double Side Brake



GB - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AH - Central Brake
Consult the caster overall
height for this brake type



BG - Swivel Lock



GC - Caster Guard

MX - Axial Medium Duty AC - MOLDED POLYURETHANE

Load capacity up to 700kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



AC WHEEL - Round Molded High Hardness Polyurethane. Hardness: 60 Shore D. (-40°C to +80°C). Manufactured with a green high durometer molded polyurethane on a cast iron core. Round tread profile offers a reduced floor contact area for easy handling and maneuvering, reduced handling effort, and a low rolling noise level. This wheel offers a superior service life due to the larger than conventional extra thick polyurethane. It has excellent resistance to abrasion, impact, weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

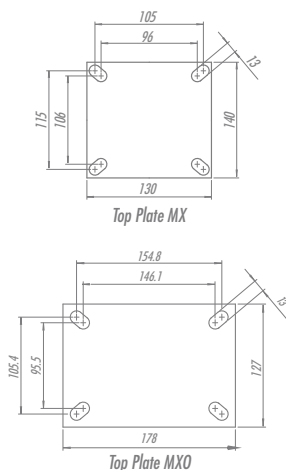
Swivel Caster	Rigid Caster	Wheel	(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake GB (mm)	w/ brake FPD (mm)
Reference												
GMX 42 ACE	FMX 42 ACE	R 42 ACE	100	50	1/2"	Ball Bearing	400	155	86	161	-	141
GMX 52 ACE	FMX 52 ACE	R 52 ACE	125				450	183	106	170	173	158
GMX 62 ACE	FMX 62 ACE	R 62 ACE	150				550	205	123	183	183	169
GMX 82 ACE	FMX 82 ACE	R 82 ACE	200				650	251	158	206	-	192
GMX 102 ACE	FMX 102 ACE	R 102 ACE	250				700	306	197	221	-	219

Swivel Section



Accessories/Brake Options

Top Plates



FL - Side Lock
Wheel Brake



FLD - Double Side Brake



GB - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AH - Central Brake
Consult the caster overall
height for this brake type



BG - Swivel Lock



GC - Caster Guard



MX - Axial Medium Duty C - PHENOLIC RESIN

Load capacity up to 800kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.

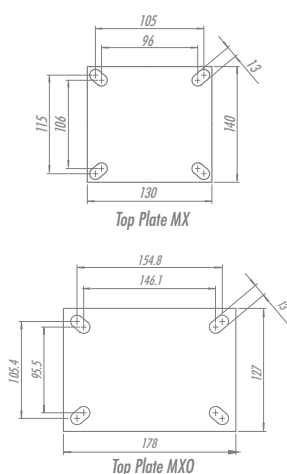
Swivel Caster	Rigid Caster	Wheel										
Reference												
GMX 52 CR	FMX 52 CR	R 52 CR	125	50	1/2"	Roller Bearing	500	183	106	170	173	158
GMX 52 CE	FMX 52 CE	R 52 CE				Ball Bearing						
GMX 62 CR	FMX 62 CR	R 62 CR				Roller Bearing	600	205	123	183	183	169
GMX 62 CE	FMX 62 CE	R 62 CE				Ball Bearing						
GMX 82 CR	FMX 82 CR	R 82 CR				Roller Bearing	800	251	158	206	-	192
GMX 82 CE	FMX 82 CE	R 82 CE				Ball Bearing						

Swivel Section



Accessories/Brake Options

Top Plates



FL - Side Lock
Wheel Brake



FLD - Double Side Brake



GB - Pedal Brake
*Available only for 52 and 62



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AH - Central Brake
Consult the caster overall
height for this brake type



BG - Swivel Lock



GC - Caster Guard

MX - Axial Medium Duty

F - CAST IRON

Load capacity up to 900kg

Rig made of steel plate with a painted finish and with two axial ball bearings in the swivel section. Bolted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.



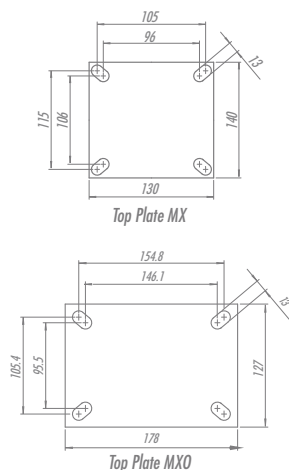
Swivel Caster	Rigid Caster	Wheel											
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)		
GMX 42 FR	FMX 42 FR	R 42 FR	100	50	1/2"	Roller Bearing	500	155	86	161	141		
GMX 42 FE	FMX 42 FE	R 42 FE				Ball Bearing							
GMX 52 FR	FMX 52 FR	R 52 FR	125			Roller Bearing	600	183	106	170	158		
GMX 52 FE	FMX 52 FE	R 52 FE				Ball Bearing							
GMX 62 FR	FMX 62 FR	R 62 FR	150			Roller Bearing	700	205	123	183	169		
GMX 62 FE	FMX 62 FE	R 62 FE				Ball Bearing							
GMX 72 FR	FMX 72 FR	R 72 FR	175			Roller Bearing	800	238	145	198	-		
GMX 72 FE	FMX 72 FE	R 72 FE				Ball Bearing							
GMX 82 FR	FMX 82 FR	R 82 FR	200			Roller Bearing	900	251	158	206	192		
GMX 82 FE	FMX 82 FE	R 82 FE				Ball Bearing							
GMX 92 FR	FMX 92 FR	R 92 FR	225			Roller Bearing		294	185	213	-		
GMX 92 FE	FMX 92 FE	R 92 FE				Ball Bearing							
GMX 102 FR	FMX 102 FR	R 102 FR	250			Roller Bearing		306	197	220	219		
GMX 102 FE	FMX 102 FE	R 102 FE				Ball Bearing							

Swivel Section



Accessories/Brake Options

Top Plates



FL - Side Lock
Wheel Brake



FLD - Double Side Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



BG - Swivel Lock



GC - Caster Guard



ERGONOMIC










BP - PVC

Load capacity up to 400kg

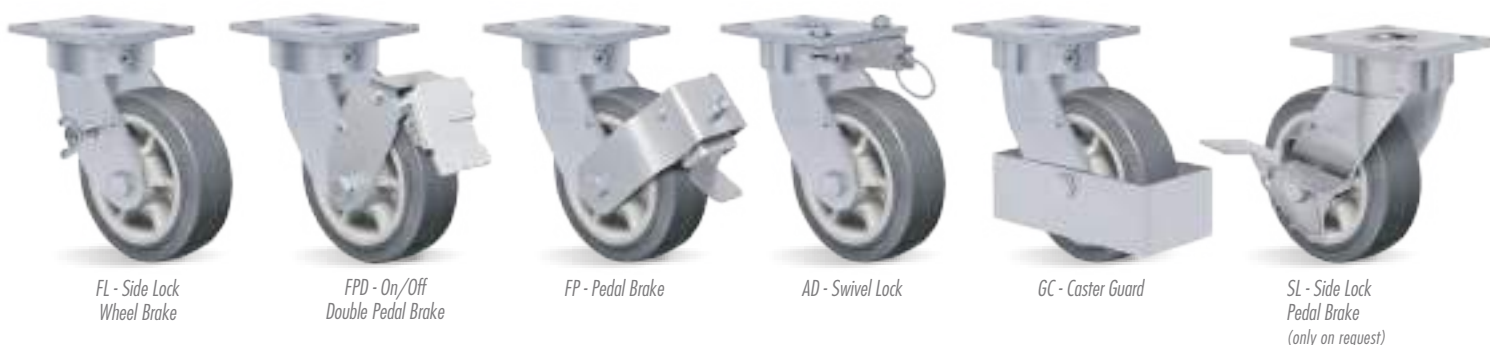
Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



BP WHEEL - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, and excellent chemical, wear and impact resistance, resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 BPN	FKSR 42 BPN	R 42 BPN	100	50	1/2"	Nylon Bushing	150	143	74	153	139
GKSR 42 BPR	FKSR 42 BPR	R 42 BPR				Roller Bearing					
GKSR 42 BPE	FKSR 42 BPE	R 42 BPE				Ball Bearing					
GKSR 52 BPN	FKSR 52 BPN	R 52 BPN	125			Nylon Bushing	200	165	92	168	144
GKSR 52 BPR	FKSR 52 BPR	R 52 BPR				Roller Bearing					
GKSR 52 BPE	FKSR 52 BPE	R 52 BPE				Ball Bearing					
GKSR 62 BPN	FKSR 62 BPN	R 62 BPN	150			Nylon Bushing	250	190	130	201	162
GKSR 62 BPR	FKSR 62 BPR	R 62 BPR				Roller Bearing					
GKSR 62 BPE	FKSR 62 BPE	R 62 BPE				Ball Bearing					
GKSR 82 BPN	FKSR 82 BPN	R 82 BPN	200			Nylon Bushing	300	241	176	230	194
GKSR 82 BPE	FKSR 82 BPE	R 82 BPE				Ball Bearing					
GKSR 102 BPN	FKSR 102 BPN	R 102 BPN	250			Nylon Bushing	400	290	206	249	212
GKSR 102 BPE	FKSR 102 BPE	R 102 BPE				Ball Bearing					

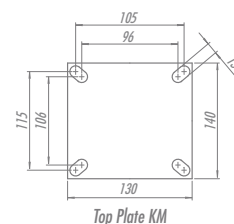
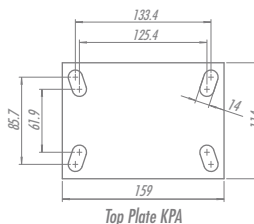
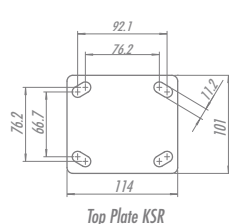
Accessories/Brake Options



Swivel Section



Top Plates



ERGONOMIC










SP - EXTRASOFT RUBBER

Load capacity up to 400kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



SP WHEEL - Extrasoft Thermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C). Injected wheel manufactured with extrasoft thermoplastic rubber on a polypropylene copolymer core. It features an extremely low operating noise level and excellent vibration reduction. Indicated for light load handling, this non-marking wheel offers excellent floor protection and good resistance to impact and chemicals. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel										
Reference												
			(mm)	(mm)	(pol)				(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 SPN	FKSR 42 SPN	R 42 SPN	100	50	1/2"	Nylon Bushing	150	143	74	153	139	
GKSR 42 SPR	FKSR 42 SPR	R 42 SPR				Roller Bearing						
GKSR 42 SPE	FKSR 42 SPE	R 42 SPE				Ball Bearing						
GKSR 52 SPN	FKSR 52 SPN	R 52 SPN	Nylon Bushing			200	165	92	168	144		
GKSR 52 SPR	FKSR 52 SPR	R 52 SPR	Roller Bearing									
GKSR 52 SPE	FKSR 52 SPE	R 52 SPE	Ball Bearing									
GKSR 62 SPN	FKSR 62 SPN	R 62 SPN	Nylon Bushing			250	190	130	201	162		
GKSR 62 SPR	FKSR 62 SPR	R 62 SPR	Roller Bearing									
GKSR 62 SPE	FKSR 62 SPE	R 62 SPE	Ball Bearing									
GKSR 82 SPN	FKSR 82 SPN	R 82 SPN	Nylon Bushing			300	241	176	230	194		
GKSR 82 SPE	FKSR 82 SPE	R 82 SPE	Ball Bearing									
GKSR 102 SPN	FKSR 102 SPN	R 102 SPN	Nylon Bushing			400	290	206	249	212		
GKSR 102 SPE	FKSR 102 SPE	R 102 SPE	Ball Bearing									

Accessories/Brake Options



FL - Side Lock
Wheel Brake

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

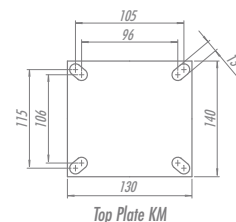
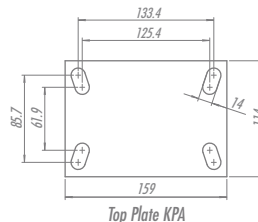
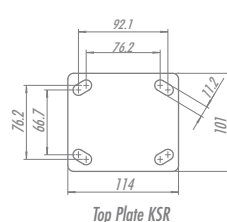
AD - Swivel Lock

GC - Caster Guard

SL - Side Lock
Pedal Brake
(only on request)

Swivel Section

Top Plates



ERGONOMIC

TB - THERMOPLASTIC RUBBER

Load capacity up to 400kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



TB WHEEL - Thermoplastic Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with thermoplastic rubber on a polypropylene copolymer core. This non-marking wheel offers excellent floor protection, soft and quiet rolling, smooth handling and maneuverability, impact resistance, a low deformation index under load, and excellent abrasion resistance. It also has great resistance to inclement weather and compounds such as salt, and grease. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel	Reference	(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 TBN	FKSR 42 TBN	R 42 TBN	100	100	50	1/2"	Nylon Bushing	150	143	74	153	139
GKSR 42 TBR	FKSR 42 TBR	R 42 TBR					Roller Bearing					
GKSR 42 TBE	FKSR 42 TBE	R 42 TBE					Ball Bearing					
GKSR 52 TBN	FKSR 52 TBN	R 52 TBN	125	125	50	1/2"	Nylon Bushing	200	165	92	168	144
GKSR 52 TBR	FKSR 52 TBR	R 52 TBR					Roller Bearing					
GKSR 52 TBE	FKSR 52 TBE	R 52 TBE					Ball Bearing					
GKSR 62 TBN	FKSR 62 TBN	R 62 TBN	150	150	50	1/2"	Nylon Bushing	250	190	130	201	162
GKSR 62 TBR	FKSR 62 TBR	R 62 TBR					Roller Bearing					
GKSR 62 TBE	FKSR 62 TBE	R 62 TBE					Ball Bearing					
GKSR 82 TBN	FKSR 82 TBN	R 82 TBN	200	200	50	1/2"	Nylon Bushing	300	241	176	230	194
GKSR 82 TBR	FKSR 82 TBR	R 82 TBR					Roller Bearing					
GKSR 82 TBE	FKSR 82 TBE	R 82 TBE					Ball Bearing					
GKSR 102 TBN	FKSR 102 TBN	R 102 TBN	250	250	50	1/2"	Nylon Bushing	400	290	206	249	212
GKSR 102 TBR	FKSR 102 TBR	R 102 TBR					Roller Bearing					
GKSR 102 TBE	FKSR 102 TBE	R 102 TBE					Ball Bearing					

Accessories/Brake Options



FL - Side Lock
Wheel Brake

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

AD - Swivel Lock

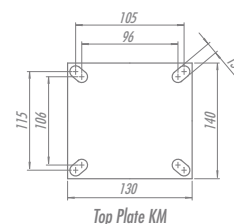
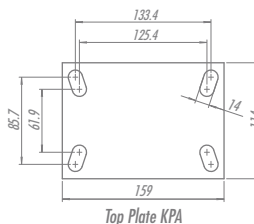
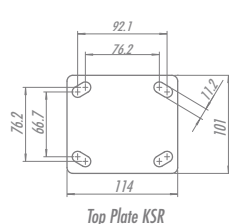
GC - Caster Guard

SL - Side Lock
Pedal Brake
(only on request)

Swivel Section



Top Plates



ERGONOMIC










TP - THERMOPLASTIC COMPOUND

Load capacity up to 400kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



TP WHEEL - Thermoplastic Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a recyclable thermoplastic compound on a polypropylene copolymer core. It offers soft and quiet rolling, great floor protection, excellent chemical, wear, and impact resistance resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 TPN	FKSR 42 TPN	R 42 TPN	100	50	1/2"	Nylon Bushing	150	143	74	153	139
GKSR 42 TPR	FKSR 42 TPR	R 42 TPR				Roller Bearing					
GKSR 42 TPE	FKSR 42 TPE	R 42 TPE				Ball Bearing					
GKSR 52 TPN	FKSR 52 TPN	R 52 TPN	125			Nylon Bushing	200	165	92	168	144
GKSR 52 TPR	FKSR 52 TPR	R 52 TPR				Roller Bearing					
GKSR 52 TPE	FKSR 52 TPE	R 52 TPE				Ball Bearing					
GKSR 62 TPN	FKSR 62 TPN	R 62 TPN	150			Nylon Bushing	250	190	130	201	162
GKSR 62 TPR	FKSR 62 TPR	R 62 TPR				Roller Bearing					
GKSR 62 TPE	FKSR 62 TPE	R 62 TPE				Ball Bearing					
GKSR 82 TPN	FKSR 82 TPN	R 82 TPN	200			Nylon Bushing	300	241	176	230	194
GKSR 82 TPE	FKSR 82 TPE	R 82 TPE				Ball Bearing					
GKSR 102 TPN	FKSR 102 TPN	R 102 TPN	250			Nylon Bushing	400	290	206	249	212
GKSR 102 TPE	FKSR 102 TPE	R 102 TPE				Ball Bearing					

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock



GC - Caster Guard

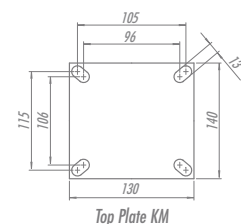
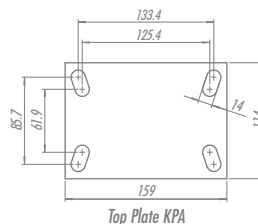
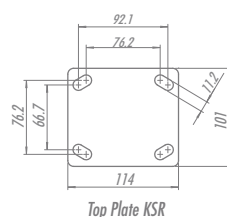


SL - Side Lock
Pedal Brake
(only on request)

Swivel Section



Top Plates



ERGONOMIC










UP - POLYURETHANE THERMOPLASTIC

Load capacity up to 700kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



UP WHEEL - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C). Manufactured with recyclable thermoplastic elastollan polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 UPN	FKSR 42 UPN	R 42 UPN	100	50	1/2"	Nylon Bushing	250	143	74	153	139
GKSR 42 UPR	FKSR 42 UPR	R 42 UPR				Roller Bearing					
GKSR 42 UPE	FKSR 42 UPE	R 42 UPE				Ball Bearing					
GKSR 52 UPN	FKSR 52 UPN	R 52 UPN	125			Nylon Bushing	350	165	92	168	144
GKSR 52 UPR	FKSR 52 UPR	R 52 UPR				Roller Bearing					
GKSR 52 UPE	FKSR 52 UPE	R 52 UPE				Ball Bearing					
GKSR 62 UPN	FKSR 62 UPN	R 62 UPN	150			Nylon Bushing	400	190	130	201	162
GKSR 62 UPR	FKSR 62 UPR	R 62 UPR				Roller Bearing					
GKSR 62 UPE	FKSR 62 UPE	R 62 UPE				Ball Bearing					
GKSR 82 UPN	FKSR 82 UPN	R 82 UPN	200			Nylon Bushing	550	241	176	230	194
GKSR 82 UPE	FKSR 82 UPE	R 82 UPE				Ball Bearing					
GKSR 102 UPN	FKSR 102 UPN	R 102 UPN	250			Nylon Bushing	700	290	206	249	212
GKSR 102 UPE	FKSR 102 UPE	R 102 UPE				Ball Bearing					

Accessories/Brake Options



FL - Side Lock
Wheel Brake

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

AD - Swivel Lock

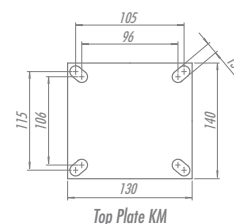
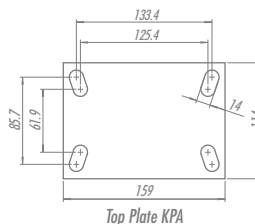
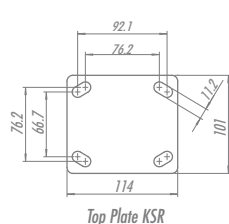
GC - Caster Guard

SL - Side Lock
Pedal Brake
(only on request)

Swivel Section



Top Plates












ERGONOMIC NT - TECHNICAL NYLON

Load capacity up to 900kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



NT WHEEL - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with high quality Nylon 6, both tread and core. It is light, has excellent mechanical resistance, and rolls very easily requiring less effort in maneuvering. Ideal for applications in wet environments, it is resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 NTN	FKSR 42 NTN	R 42 NTN	100	50	1/2"	Nylon Bushing	400	143	74	153	139
GKSR 42 NTR	FKSR 42 NTR	R 42 NTR				Roller Bearing					
GKSR 42 NTE	FKSR 42 NTE	R 42 NTE				Ball Bearing					
GKSR 52 NTN	FKSR 52 NTN	R 52 NTN	125			Nylon Bushing	500	165	92	168	144
GKSR 52 NTR	FKSR 52 NTR	R 52 NTR				Roller Bearing					
GKSR 52 NTE	FKSR 52 NTE	R 52 NTE				Ball Bearing					
GKSR 62 NTN	FKSR 62 NTN	R 62 NTN	150			Nylon Bushing	600	190	130	201	162
GKSR 62 NTR	FKSR 62 NTR	R 62 NTR				Roller Bearing					
GKSR 62 NTE	FKSR 62 NTE	R 62 NTE				Ball Bearing					
GKSR 82 NTN	FKSR 82 NTN	R 82 NTN	200			Nylon Bushing	700	241	176	230	194
GKSR 82 NTE	FKSR 82 NTE	R 82 NTE				Ball Bearing					
GKSR 102 NTN	FKSR 102 NTN	R 102 NTN	250			Nylon Bushing	900	290	206	249	212
GKSR 102 NTE	FKSR 102 NTE	R 102 NTE				Ball Bearing					

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock



GC - Caster Guard

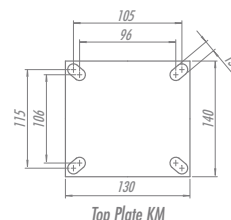
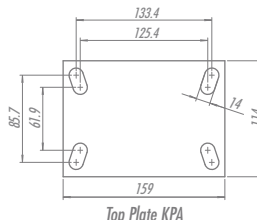
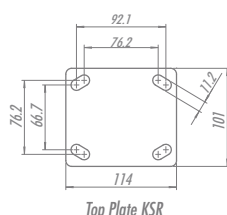


SL - Side Lock
Pedal Brake
(only on request)

Swivel Section



Top Plates



ERGONOMIC










B - BORRACHA MOLDADA

Load capacity up to 450kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 BN	FKSR 42 BN	R 42 BN	100	50	1/2"	Nylon Bushing	200	143	74	153	139
GKSR 42 BR	FKSR 42 BR	R 42 BR				Roller Bearing					
GKSR 42 BE	FKSR 42 BE	R 42 BE				Ball Bearing					
GKSR 52 BN	FKSR 52 BN	R 52 BN	Nylon Bushing			250	165	92	168	144	
GKSR 52 BR	FKSR 52 BR	R 52 BR	Roller Bearing								
GKSR 52 BE	FKSR 52 BE	R 52 BE	Ball Bearing								
GKSR 62 BN	FKSR 62 BN	R 62 BN	Nylon Bushing			300	190	130	201	162	
GKSR 62 BR	FKSR 62 BR	R 62 BR	Roller Bearing								
GKSR 62 BE	FKSR 62 BE	R 62 BE	Ball Bearing								
GKSR 82 BN	FKSR 82 BN	R 82 BN	Nylon Bushing			350	241	176	230	194	
GKSR 82 BR	FKSR 82 BR	R 82 BR	Roller Bearing								
GKSR 82 BE	FKSR 82 BE	R 82 BE	Ball Bearing								
GKSR 102 BN	FKSR 102 BN	R 102 BN	Nylon Bushing			450	290	206	249	212	
GKSR 102 BR	FKSR 102 BR	R 102 BR	Roller Bearing								
GKSR 102 BE	FKSR 102 BE	R 102 BE	Ball Bearing								

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock

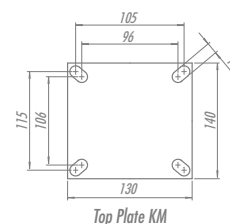
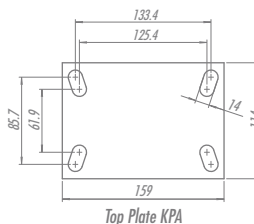
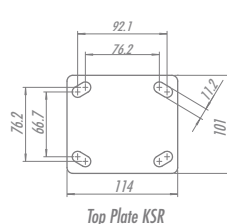


GC - Caster Guard

Swivel Section



Top Plates



ERGONOMIC

NU - MOLDED POLYURETHANE

Load capacity up to 800kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



NU WHEEL - Molded Polyurethane on a Nylon Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an injected nylon core. The mechanical bond system ensures excellent resistance and service life. Ideal for applications on various surface and environment types. This wheel is lightweight, withstands high loads, protects the floor, requires low effort to handle, and produces a low operating noise level. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 NUE	FKSR 42 NUE	R 42 NUE	100	50	1/2"	Ball Bearing	400	143	74	153	139
GKSR 52 NUE	FKSR 52 NUE	R 52 NUE	125				500	165	92	168	144
GKSR 62 NUE	FKSR 62 NUE	R 62 NUE	150				600	190	130	201	162
GKSR 82 NUE	FKSR 82 NUE	R 82 NUE	200				700	241	176	230	194
GKSR 102 NUE	FKSR 102 NUE	R 102 NUE	250				800	290	206	249	212

Accessories/Brake Options



FL - Side Lock
Wheel Brake

FPD - On/Off
Double Pedal Brake

FP - Pedal Brake

AD - Swivel Lock

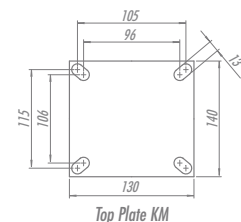
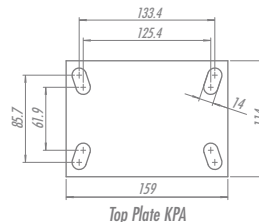
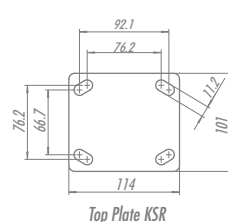
GC - Caster Guard

SL - Side Lock
Pedal Brake
(only on request)

Swivel Section



Top Plates









ERGONOMIC ALUMINIUM ALP

Load capacity up to 850kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



ALP WHEEL - Molded Polyurethane on an Aluminum Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant and is ideal for applications involving diverse floor types and environments. Capable for high loads, is very durable, protects the floor, requires low push-pull force, and provides a quiet roll. Excellent resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be towed at speeds up to 6 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPD (mm)
Reference											
GKSR 52 ALPE	FKSR 52 ALPE	R 52 ALPE	125	50	1/2"	Ball Bearing	500	165	92	168	144
GKSR 62 ALPE	FKSR 62 ALPE	R 62 ALPE	150				650	190	130	201	162
GKSR 82 ALPE	FKSR 82 ALPE	R 82 ALPE	200				850	241	176	230	194

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock

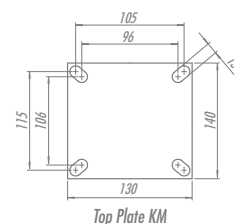
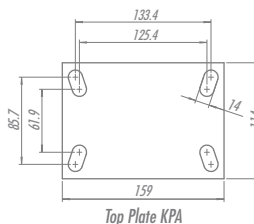
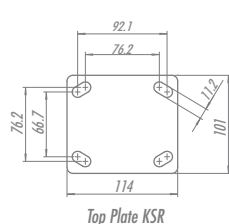


GC - Caster Guard

Swivel Section



Top Plates







ERGONOMIC ALUMINIUM ALP SOFT

Load capacity up to 400kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



ALP SOFT WHEEL - Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It can handle high loads and protects the floor. It offers a low push-pull force, quiet operation, and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 6 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 52 ALPE SOFT	FKSR 52 ALPE SOFT	R 52 ALPE SOFT	125	50	1/2"	Ball Bearing	300	165	92	168	144
GKSR 62 ALPE SOFT	FKSR 62 ALPE SOFT	R 62 ALPE SOFT	150				350	190	130	201	162
GKSR 82 ALPE SOFT	FKSR 82 ALPE SOFT	R 82 ALPE SOFT	200				400	241	176	230	194

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock

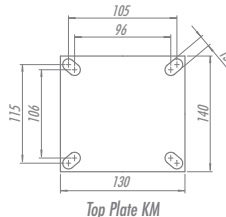
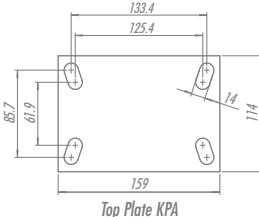
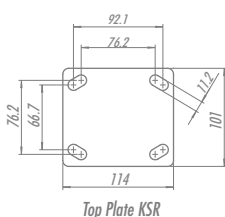


GC - Caster Guard

Swivel Section



Top Plates












ERGONOMIC ALUMINIUM ALPSS SOFT

Load capacity up to 700kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



ALPSS SOFT WHEEL - Extra Thick Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium, extra thick, molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It withstands high loads, protects the floor, has a low push-pull force, low noise level and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 16 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPD (mm)
Reference											
GKSR 62 ALPSS SOFT	FKSR 62 ALPSS SOFT	R 62 ALPSS SOFT	150	50	1/2"	Ball Bearing	550	190	130	201	162
GKSR 82 ALPSS SOFT	FKSR 82 ALPSS SOFT	R 82 ALPSS SOFT	200				700	241	176	230	194

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock

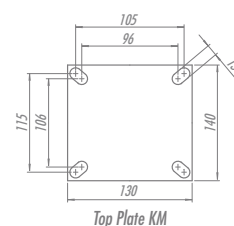
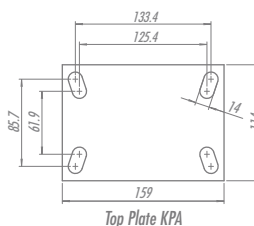
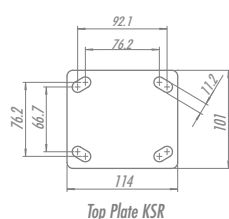


GC - Caster Guard

Swivel Section



Top Plates



ERGONOMIC










P - MOLDED POLYURETHANE

Load capacity up to 900kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 PR	FKSR 42 PR	R 42 PR	100	50	1/2"	Roller Bearing	500	143	74	153	139
GKSR 42 PE	FKSR 42 PE	R 42 PE				Ball Bearing					
GKSR 52 PR	FKSR 52 PR	R 52 PR	125			Roller Bearing	600	165	92	168	144
GKSR 52 PE	FKSR 52 PE	R 52 PE				Ball Bearing					
GKSR 62 PR	FKSR 62 PR	R 62 PR	150			Roller Bearing	700	190	130	201	162
GKSR 62 PE	FKSR 62 PE	R 62 PE				Ball Bearing					
GKSR 82 PR	FKSR 82 PR	R 82 PR	200			Roller Bearing	900	241	176	230	194
GKSR 82 PE	FKSR 82 PE	R 82 PE				Ball Bearing					
GKSR 102 PR	FKSR 102 PR	R 102 PR	250			Roller Bearing		290	206	249	212
GKSR 102 PE	FKSR 102 PE	R 102 PE				Ball Bearing					
GKSR 122 PR	FKSR 122 PR	R 122 PR	300			Roller Bearing		343	220	-	-
GKSR 122 PE	FKSR 122 PE	R 122 PE				Ball Bearing					

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock

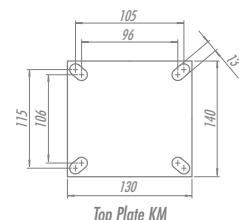
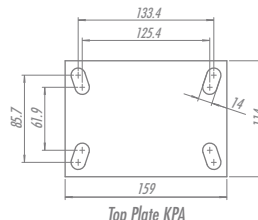
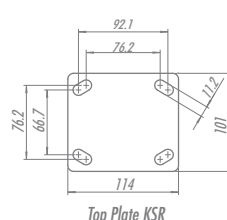


GC - Caster Guard

Swivel Section



Top Plates



ERGONOMIC










BC - MOLDED POLYURETHANE

Load capacity up to 800kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



BC WHEEL - Round Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Round tread profile offers reduced floor contact area providing less maneuvering resistance, reducing handling effort, and a low noise pollution level. This wheel offers a superior service life due to the larger than conventional extra thick polyurethane. It has an excellent resistance to abrasion, impact, inclement weather and chemicals such as grease, oil, salt, and solvents. It can be used at a speed up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 BCE	FKSR 42 BCE	R 42 BCE	100	50	1/2"	Ball Bearing	400	143	74	153	139
GKSR 52 BCE	FKSR 52 BCE	R 52 BCE	125				450	165	92	168	144
GKSR 62 BCE	FKSR 62 BCE	R 62 BCE	150				550	190	130	201	162
GKSR 82 BCE	FKSR 82 BCE	R 82 BCE	200				650	241	176	230	194
GKSR 102 BCE	FKSR 102 BCE	R 102 BCE	250				700	290	206	249	212
GKSR 122 BCE	FKSR 122 BCE	R 122 BCE	300				800	343	220	-	-

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock

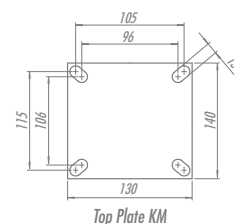
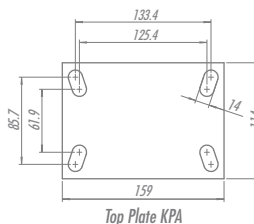
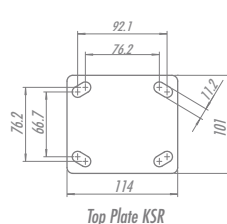


GC - Caster Guard

Swivel Section



Top Plates



ERGONOMIC










AC - MOLDED POLYURETHANE

Load capacity up to 800kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



AC WHEEL - Round Molded High Hardness Polyurethane. Hardness: 60 Shore D. (-40°C to +80°C). Manufactured with a green high durometer molded polyurethane on a cast iron core. Round tread profile offers a reduced floor contact area for easy handling and maneuvering, reduced handling effort, and a low rolling noise level. This wheel offers a superior service life due to the larger than conventional extra thick polyurethane. It has excellent resistance to abrasion, impact, weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 ACE	FKSR 42 ACE	R 42 ACE	100	50	1/2"	Ball Bearing	400	143	74	153	139
GKSR 52 ACE	FKSR 52 ACE	R 52 ACE	125				450	165	92	168	144
GKSR 62 ACE	FKSR 62 ACE	R 62 ACE	150				550	190	130	201	162
GKSR 82 ACE	FKSR 82 ACE	R 82 ACE	200				650	241	176	230	194
GKSR 102 ACE	FKSR 102 ACE	R 102 ACE	250				700	290	206	249	212
GKSR 122 ACE	FKSR 122 ACE	R 122 ACE	300				800	343	220	-	-

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock

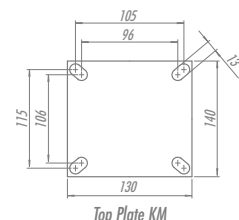
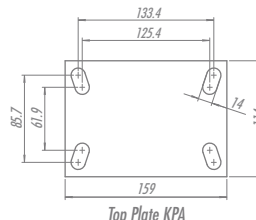
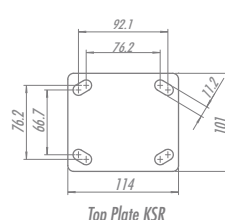


GC - Caster Guard

Swivel Section



Top Plates









ERGONOMIC C - PHENOLIC RESIN

Load capacity up to 800kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 52 CR	FKSR 52 CR	R 52 CR	125	50	1/2"	Roller Bearing	500	165	92	168	144
GKSR 52 CE	FKSR 52 CE	R 52 CE				Ball Bearing					
GKSR 62 CR	FKSR 62 CR	R 62 CR	Roller Bearing			600	190	130	201	162	
GKSR 62 CE	FKSR 62 CE	R 62 CE	Ball Bearing								
GKSR 82 CR	FKSR 82 CR	R 82 CR	Roller Bearing			800	241	176	230	194	
GKSR 82 CE	FKSR 82 CE	R 82 CE	Ball Bearing								

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock

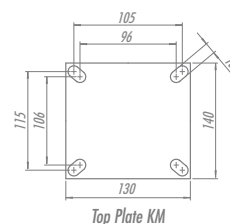
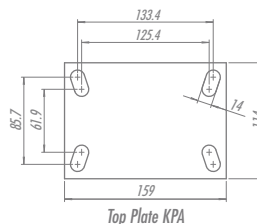
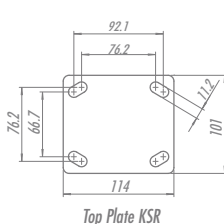


GC - Caster Guard

Swivel Section



Top Plates



ERGONOMIC










F - CAST IRON

Load capacity up to 900kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a single ball raceway. Bolted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GKSR 42 FR	FKSR 42 FR	R 42 FR	100	50	1/2"	Roller Bearing	500	145	74	153	139
GKSR 42 FE	FKSR 42 FE	R 42 FE				Ball Bearing					
GKSR 52 FR	FKSR 52 FR	R 52 FR	125			Roller Bearing	600	165	92	168	144
GKSR 52 FE	FKSR 52 FE	R 52 FE				Ball Bearing					
GKSR 62 FR	FKSR 62 FR	R 62 FR	150			Roller Bearing	700	190	130	201	162
GKSR 62 FE	FKSR 62 FE	R 62 FE				Ball Bearing					
GKSR 82 FR	FKSR 82 FR	R 82 FR	200			Roller Bearing	900	241	176	230	194
GKSR 82 FE	FKSR 82 FE	R 82 FE				Ball Bearing					
GKSR 102 FR	FKSR 102 FR	R 102 FR	250			Roller Bearing		290	206	249	212
GKSR 102 FE	FKSR 102 FE	R 102 FE				Ball Bearing					

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



AD - Swivel Lock

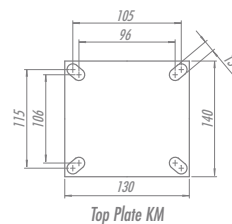
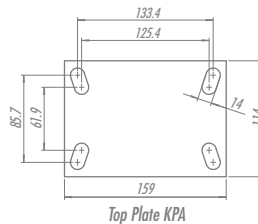
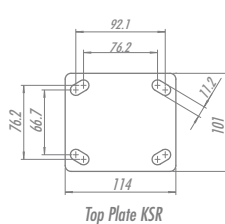


GC - Caster Guard

Swivel Section



Top Plates



ERGONOMIC Heavy Duty









B - MOLDED RUBBER

Load capacity up to 750kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a double ball raceway. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel								
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)
GKMP 63 BR	FKMP 63 BR	R 63 BR	150	70	3/4"	Roller Bearing	400	190	113	200
GKMP 63 BE	FKMP 63 BE	R 63 BE				Ball Bearing				
GKMP 83 BR	FKMP 83 BR	R 83 BR	Roller Bearing			500	257	164	231	
GKMP 83 BE	FKMP 83 BE	R 83 BE	Ball Bearing							
GKMP 103 BE	FKMP 103 BE	R 103 BE	250			Ball Bearing	600	292	195	261
GKMP 123 BE	FKMP 123 BE	R 123 BE	300			Ball Bearing	750	343	236	301

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FP - Pedal Brake



AD - Swivel Lock

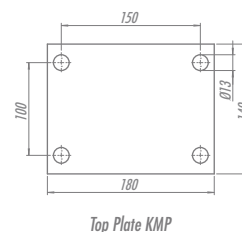
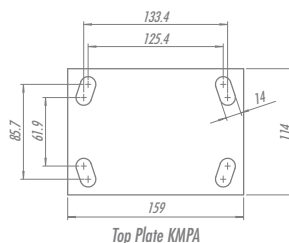


GC - Caster Guard

Swivel Section



Top Plates



ERGONOMIC Heavy Duty









P - MOLDED POLYURETHANE

Load capacity up to 1400kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a double ball raceway. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel								
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GKMP 63 PR	FKMP 63 PR	R 63 PR	150	70	3/4"	Roller Bearing	1000	190	113	200
GKMP 63 PE	FKMP 63 PE	R 63 PE				Ball Bearing				
GKMP 83 PR	FKMP 83 PR	R 83 PR	Roller Bearing			1200	257	164	231	
GKMP 83 PE	FKMP 83 PE	R 83 PE	Ball Bearing							
GKMP 103 PE	FKMP 103 PE	R 103 PE	250			Ball Bearing	1300	292	195	261
GKMP 123 PE	FKMP 123 PE	R 123 PE	300			Ball Bearing	1400	343	236	301

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FP - Pedal Brake



AD - Swivel Lock

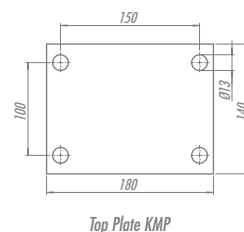
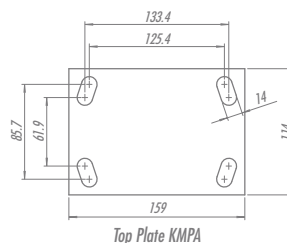


GC - Caster Guard

Swivel Section



Top Plates



ERGONOMIC Heavy Duty









C - PHENOLIC RESIN

Load capacity up to 1000kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a double ball raceway. Bolted wheel axle.



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel								
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)
GKMP 63 CR	FKMP 63 CR	R 63 CR	150	70	3/4"	Roller Bearing	800	190	113	200
GKMP 63 CE	FKMP 63 CE	R 63 CE				Ball Bearing				
GKMP 83 CR	FKMP 83 CR	R 83 CR	200			Roller Bearing	1000	257	164	231
GKMP 83 CE	FKMP 83 CE	R 83 CE				Ball Bearing				

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FP - Pedal Brake



AD - Swivel Lock

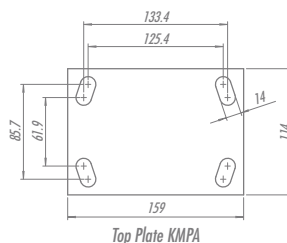


GC - Caster Guard

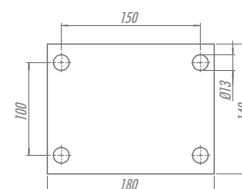
Swivel Section



Top Plates



Top Plate KMPA



Top Plate KMP

ERGONOMIC Heavy Duty









F - CAST IRON

Load capacity up to 1400kg

Rig made of steel plate with zinc-plated finish, reinforced swivel head without central pin, and a double ball raceway. Bolted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)		
GKMP 63 FR	FKMP 63 FR	R 63 FR	150	70	3/4"	Roller Bearing	1000	190	113	200		
GKMP 63 FE	FKMP 63 FE	R 63 FE				Ball Bearing						
GKMP 83 FR	FKMP 83 FR	R 83 FR	200			Roller Bearing	1200	257	164	231		
GKMP 83 FE	FKMP 83 FE	R 83 FE				Ball Bearing						
GKMP 103 FE	FKMP 103 FE	R 103 FE	250			Ball Bearing	1300	292	195	261		
GKMP 123 FE	FKMP 123 FE	R 123 FE	300			Ball Bearing	1400	343	236	301		

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FP - Pedal Brake



AD - Swivel Lock

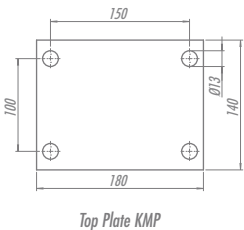
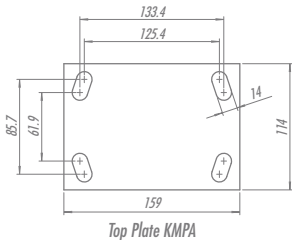


GC - Caster Guard

Swivel Section



Top Plates



CMX - CPX - Shock Absorbing B - MOLDED RUBBER

Load capacity up to 1000kg










Reinforced rig with anti-shock spring system, manufactured in thick carbon steel plate with stamped and machined parts. Contains axial ball bearing and tapered roller bearing in the swivel section. Painted finish. Bolted wheel axle.



*Both GCMX 52 and 62 have double axial bearings.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)	
GCMX 52 BE	FCMX 52 BE	R CMX 52 BE	125	50	1/2"	Ball Bearing	80/130/180	208	118	172	175	
GCMX 62 BE	FCMX 62 BE	R CMX 62 BE	150		5/8"		80/130/180/250/300	220	130	180	180	
GCMX 82 BE	FCMX 82 BE	R CMX 82 BE	200					292	180	220	198	
GCMX 102 BE	FCMX 102 BE	R CMX 102 BE	250					340	205	230	225	
GCPX 83 BE	FCPX 83 BE	R CPX 83 BE	200	70	3/4"		130/180/250/500	325	180	250	-	
GCPX 103 BE	FCPX 103 BE	R CPX 103 BE	250					350	205	275	-	
GCPX 123 BE	FCPX 123 BE	R CPX 123 BE	300					405	230	300	-	
GCPX 124 BE	FCPX 124 BE	R CPX 124 BE	300	100			750/1000	390	258	340	-	

Accessories/Brake Options



FPD - On/Off
Double Pedal Brake

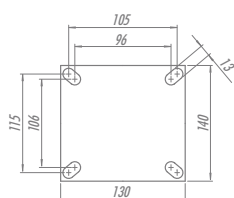
FP - Pedal Brake

BG - Swivel Lock

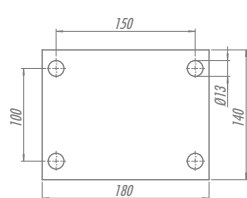
PA - Fender

AH - Central Brake

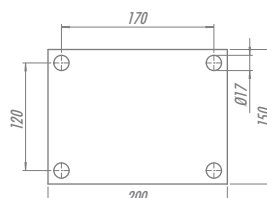
Top Plates



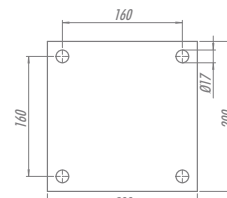
Top Plate 52 and 62



Top Plate 82 and 102



Top Plate 83 and 123



Top Plate 124

Swivel Section



CMX 52 and 62



CMX 82 and 102



CPX

CMX - CPX - Shock Absorbing BS - EXTRA THICK MOLDED RUBBER

Load capacity up to 1000kg

Reinforced rig with anti-shock spring system, manufactured in thick carbon steel plate with stamped and machined parts. Contains axial ball bearing and tapered roller bearing in the swivel section. Painted finish. Bolted wheel axle.



*Both GCMX 52 and 62 have double axial bearings.

Wheel Types

BS Black

80 Shore A
up to 20km/h



BS Gray

75 Shore A
up to 16km/h












BS Blue

65 Shore A
up to 16km/h



BS WHEEL - Extra Thick Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with an extra thick molded rubber tread on a cast iron core. Ideal for outdoor flooring applications, this wheel offers great shock and vibration absorption, high resistance to abrasion and longer service life due to its extra thick rubber layer. Resistant to chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)	Ball Bearing	KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)
GCMX 62 BSE	FCMX 62 BSE	R CMX 62 BSE	150	50	1/2"		80/130/180	220	130	180	180
GCMX 82 BSE	FCMX 82 BSE	R CMX 82 BSE	200		5/8"		80/130/180/250	292	180	220	198
GCMX 102 BSE	FCMX 102 BSE	R CMX 102 BSE	250					340	205	230	225
GCPX 83 BSE	FCPX 83 BSE	R CPX 83 BSE	200	70	3/4"		180/250/500	325	180	250	-
GCPX 103 BSE	FCPX 103 BSE	R CPX 103 BSE	250					350	205	275	-
GCPX 123 BSE	FCPX 123 BSE	R CPX 123 BSE	300					405	230	300	-
GCPX 124 BSE	FCPX 124 BSE	R CPX 124 BSE		100			750/1000	390	258	340	-

Accessories/Brake Options



FPD - On/Off
Double Pedal Brake

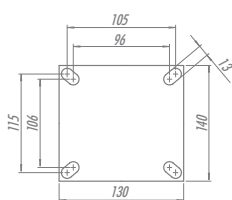
FP - Pedal Brake

BG - Swivel Lock

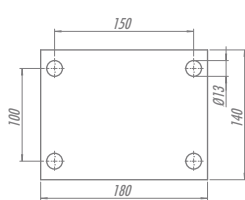
PA - Fender

AH - Central Brake

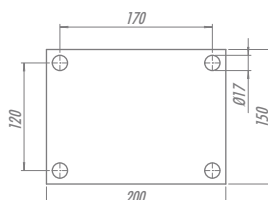
Top Plates



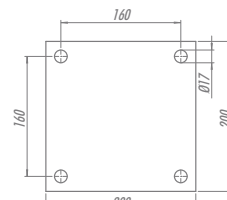
Top Plate 62



Top Plate 82 and 102



Top Plate 83 and 123



Top Plate 124

Swivel Section



CMX 62



CMX 82 and 102



CPX



CMX - Shock Absorbing ALUMINIUM ALP

Load capacity up to 300kg










Reinforced rig with anti-shock spring system, manufactured in thick carbon steel plate with stamped and machined parts. Contains axial ball bearing and tapered roller bearing in the swivel section. Painted finish. Bolted wheel axle.



*Both GCMX 52 and 62 have double axial bearings.



ALP WHEEL - Molded Polyurethane on an Aluminum Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant and is ideal for applications involving diverse floor types and environments. Capable for high loads, is very durable, protects the floor, requires low push-pull force, and provides a quiet roll. Excellent resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be towed at speeds up to 6 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPD (mm)
Reference											
GCMX 52 ALPE	FCMX 52 ALPE	R CMX 52 ALPE	125	50	1/2"	Ball Bearing	80/130/180	208	118	172	175
GCMX 62 ALPE	FCMX 62 ALPE	R CMX 62 ALPE	150					220	130	180	180
GCMX 82 ALPE	FCMX 82 ALPE	R CMX 82 ALPE	200				80/130/180/250/300	292	180	220	198

Accessories/Brake Options



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

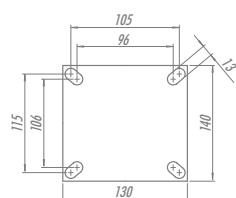


PA - Fender

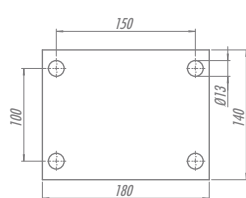


AH - Central Brake

Top Plates



Top Plate 52 and 62



Top Plate 82

Swivel Section



CMX 52 and 62



CMX 82





CMX - Shock Absorbing ALUMINIUM ALP SOFT

Load capacity up to 300kg

Reinforced rig with anti-shock spring system, manufactured in thick carbon steel plate with stamped and machined parts. Contains axial ball bearing and tapered roller bearing in the swivel section. Painted finish. Bolted wheel axle.



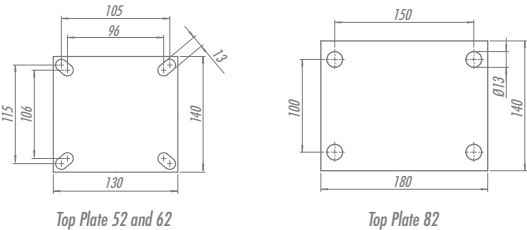
ALP SOFT WHEEL - Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It can handle high loads and protects the floor. It offers a low push-pull force, quiet operation, and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 6 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPD (mm)
Reference											
GCMX 52 ALPE SOFT	FCMX 52 ALPE SOFT	R CMX 52 ALPE SOFT	125	50	1/2"	Ball Bearing	80/130/180	208	118	172	175
GCMX 62 ALPE SOFT	FCMX 62 ALPE SOFT	R CMX 62 ALPE SOFT	150					220	130	180	180
GCMX 82 ALPE SOFT	FCMX 82 ALPE SOFT	R CMX 82 ALPE SOFT	200		5/8"		80/130/180/250/300	292	180	220	198

Accessories/Brake Options



Top Plates



Swivel Section





CMX - Shock Absorbing ALUMINIUM ALPSS SOFT

Load capacity up to 300kg










Reinforced rig with anti-shock spring system, manufactured in thick carbon steel plate with stamped and machined parts. Contains axial ball bearing and tapered roller bearing in the swivel section. Painted finish. Bolted wheel axle.



*Both GCMX 52 and 62 have double axial bearings.



ALPSS SOFT WHEEL - Extra Thick Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium, extra thick, molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It withstands high loads, protects the floor, has a low push-pull force, low noise level and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 16 km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPD (mm)
Reference											
GCMX 62 ALPSS SOFT	FCMX 62 ALPSS SOFT	R CMX 62 ALPSS SOFT	150	50	1/2"	Ball Bearing	80/130/180	220	130	180	180
GCMX 82 ALPSS SOFT	FCMX 82 ALPSS SOFT	R CMX 82 ALPSS SOFT	200		5/8"		80/130/180/250/300	292	180	220	220

Accessories/Brake Options



FPD - On/Off
Double Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

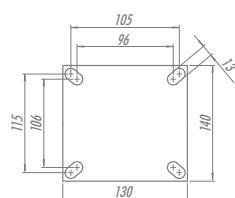


PA - Fender

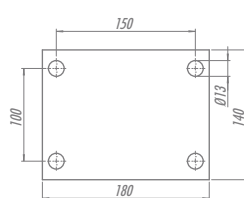


AH - Central Brake

Top Plates



Top Plate 62



Top Plate 82

Swivel Section



CMX 62



CMX 82

CMX - CPX - Shock Absorbing P - MOLDED POLYURETHANE

Load capacity up to 1200kg










Reinforced rig with anti-shock spring system, manufactured in thick carbon steel plate with stamped and machined parts. Contains axial ball bearing and tapered roller bearing in the swivel section. Painted finish. Bolted wheel axle.



*Both GCMX 52 and 62 have double axial bearings.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel										
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPD (mm)	
GCMX 52 PE	FCMX 52 PE	R CMX 52 PE	125	50	1/2"	Ball Bearing	80/130/180/250	208	118	172	175	
GCMX 62 PE	FCMX 62 PE	R CMX 62 PE	150					220	130	180	180	
GCMX 82 PE	FCMX 82 PE	R CMX 82 PE	200		5/8"		80/130/180/250 300/400/500	292	180	220	198	
GCMX 102 PE	FCMX 102 PE	R CMX 102 PE	250					340	205	230	225	
GCPX 83 PE	FCPX 83 PE	R CPX 83 PE	200	70	3/4"		130/180/250 500/750/1000	325	180	250	-	
GCPX 103 PE	FCPX 103 PE	R CPX 103 PE	250					350	205	275	-	
GCPX 123 PE	FCPX 123 PE	R CPX 123 PE	300					405	230	300	-	
GCPX 124 PE	FCPX 124 PE	R CPX 124 PE		100			750/1000/1200	390	258	340	-	

Accessories/Brake Options



FPD - On/Off
Double Pedal Brake

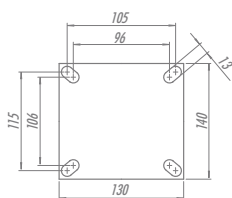
FP - Pedal Brake

BG - Swivel Lock

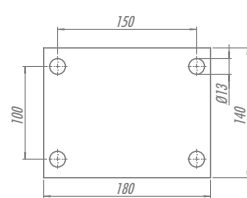
PA - Fender

AH - Central Brake

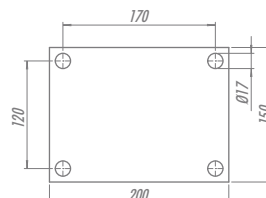
Top Plates



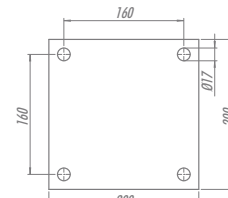
Top Plate 52 and 62



Top Plate 82 and 102



Top Plate 83 and 123



Top Plate 124

Swivel Section



CMX 52 and 62



CMX 82 and 102



CPX










MPX - Axial Medium Heavy Duty NM - SOLID NYLON

Load capacity up to 1400kg

Reinforced rig made of carbon steel plate with stamped and machined parts, with double axial ball bearings in the swivel section. Painted finish. Bolted wheel axle



NM WHEEL - Solid Nylon. Hardness: **75 Shore D.** (-40°C to +110°C). Manufactured from Nylon 6 rods. It is a lightweight wheel, provides good mechanical resistance, and rolls easily — requiring low resistance and less effort in maneuvering. Under static loads, it is resistant to deformation. Under heavy and light loads, it maintains consistent ease of use for equipment handling. Ideal for applications in wet environments, it is resistant to chemicals, grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPR (mm)
Reference											
GMPX 63 NME	FMPX 63 NME	R 63 NME	150	70	3/4"	Ball Bearing	1000	218	115	184	167
GMPX 83 NME	FMPX 83 NME	R 83 NME	200				1200	260	150	212	191
GMPX 103 NME	FMPX 103 NME	R 103 NME	250				1300	320	195	251	229
GMPX 123 NME	FMPX 123 NME	R 123 NME	300				1400	376	238	270	263

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

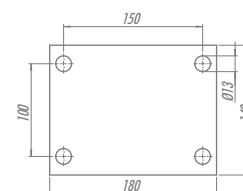


GC - Caster Guard

Swivel Section



Top Plate



Top Plate MPX










MPX - Axial Medium Heavy Duty B - MOLDED RUBBER

Load capacity up to 750kg

Reinforced rig made of carbon steel plate with stamped and machined parts, with double axial ball bearings in the swivel section. Painted finish. Bolted wheel axle



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)
GMPX 63 BR	FMPX 63 BR	R 63 BR	150	70	3/4"	Roller Bearing	400	218	115	184	167
GMPX 63 BE	FMPX 63 BE	R 63 BE				Ball Bearing					
GMPX 83 BR	FMPX 83 BR	R 83 BR	Roller Bearing			500	260	150	212	191	
GMPX 83 BE	FMPX 83 BE	R 83 BE	Ball Bearing								
GMPX 103 BR	FMPX 103 BR	R 103 BR	Roller Bearing			600	320	195	251	229	
GMPX 103 BE	FMPX 103 BE	R 103 BE	Ball Bearing								
GMPX 123 BR	FMPX 123 BR	R 123 BR	Roller Bearing			750	376	238	270	263	
GMPX 123 BE	FMPX 123 BE	R 123 BE	Ball Bearing								

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

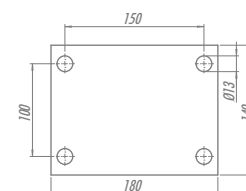


GC - Caster Guard

Swivel Section



Top Plate



Top Plate MPX

MPX - Axial Medium Heavy Duty

BS - EXTRA THICK MOLDED RUBBER

Load capacity up to 900kg

Reinforced rig made of carbon steel plate with stamped and machined parts, with double axial ball bearings in the swivel section. Painted finish. Bolted wheel axle






Wheel Types

BS Black

80 Shore A
up to 20km/h



BS Gray

75 Shore A
up to 16km/h












BS Blue

65 Shore A
up to 16km/h



BS WHEEL - Extra Thick Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with an extra thick molded rubber tread on a cast iron core. Ideal for outdoor flooring applications, this wheel offers great shock and vibration absorption, high resistance to abrasion and longer service life due to its extra thick rubber layer. Resistant to chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)
GMPX 83 BSE	FMPX 83 BSE	R 83 BSE	200	70	3/4"	Ball Bearing	600	260	150	212	191
GMPX 103 BSE	FMPX 103 BSE	R 103 BSE	250				700	320	195	251	229
GMPX 123 BSE	FMPX 123 BSE	R 123 BSE	300				900	376	238	270	263

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

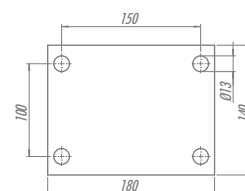


GC - Caster Guard

Swivel Section



Top Plate



Top Plate MPX

MPX - Axial Medium Heavy Duty


P - MOLDED POLYURETHANE

Load capacity up to 1400kg

Reinforced rig made of carbon steel plate with stamped and machined parts, with double axial ball bearings in the swivel section. Painted finish. Bolted wheel axle



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)
GMPX 63 PR	FMPX 63 PR	R 63 PR	150	70	3/4"	Roller Bearing	1000	218	115	184	167
GMPX 63 PE	FMPX 63 PE	R 63 PE				Ball Bearing					
GMPX 83 PR	FMPX 83 PR	R 83 PR	Roller Bearing			1200	260	150	212	191	
GMPX 83 PE	FMPX 83 PE	R 83 PE	Ball Bearing								
GMPX 103 PR	FMPX 103 PR	R 103 PR	Roller Bearing			1300	320	195	251	229	
GMPX 103 PE	FMPX 103 PE	R 103 PE	Ball Bearing								
GMPX 123 PR	FMPX 123 PR	R 123 PR	Roller Bearing			1400	376	238	270	263	
GMPX 123 PE	FMPX 123 PE	R 123 PE	Ball Bearing								

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

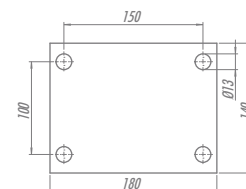


GC - Caster Guard

Swivel Section



Top Plate



Top Plate MPX












MPX - Axial Medium Heavy Duty C - PHENOLIC RESIN

Load capacity up to 1000kg

Reinforced rig made of carbon steel plate with stamped and machined parts, with double axial ball bearings in the swivel section. Painted finish. Bolted wheel axle



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)
GMPX 63 CR	FMPX 63 CR	R 63 CR	150	70	3/4"	Roller Bearing	800	218	115	184	167
GMPX 63 CE	FMPX 63 CE	R 63 CE				Ball Bearing					
GMPX 83 CR	FMPX 83 CR	R 83 CR	200			Roller Bearing	1000	260	150	212	191
GMPX 83 CE	FMPX 83 CE	R 83 CE				Ball Bearing					

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

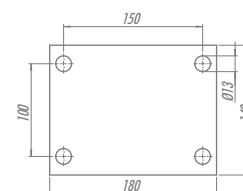


GC - Caster Guard

Swivel Section



Top Plate



Top Plate MPX










MPX - Axial Medium Heavy Duty F - CAST IRON

Load capacity up to 1400kg

Reinforced rig made of carbon steel plate with stamped and machined parts, with double axial ball bearings in the swivel section. Painted finish. Bolted wheel axle



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)
GMPX 63 FR	FMPX 63 FR	R 63 FR	150	70	3/4"	Roller Bearing	1000	218	115	184	167
GMPX 63 FE	FMPX 63 FE	R 63 FE				Ball Bearing					
GMPX 83 FR	FMPX 83 FR	R 83 FR	Roller Bearing			1200	260	150	212	191	
GMPX 83 FE	FMPX 83 FE	R 83 FE	Ball Bearing								
GMPX 103 FR	FMPX 103 FR	R 103 FR	Roller Bearing			1300	320	195	251	229	
GMPX 103 FE	FMPX 103 FE	R 103 FE	Ball Bearing								
GMPX 123 FR	FMPX 123 FR	R 123 FR	Roller Bearing			1400	376	238	270	263	
GMPX 123 FE	FMPX 123 FE	R 123 FE	Ball Bearing								

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

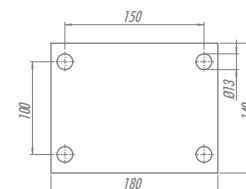


GC - Caster Guard

Swivel Section



Top Plate



Top Plate MPX












PX - Axial Super Heavy Duty NM - SOLID NYLON

Load capacity up to 1400kg

Reinforced rig made of carbon steel plate, with axial ball bearings and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



NM WHEEL - Solid Nylon. Hardness: **75 Shore D.** (-40°C a +110°C). Manufactured from Nylon 6 rods. It is a lightweight wheel, provides good mechanical resistance, and rolls easily — requiring low resistance and less effort in maneuvering. Under static loads, it is resistant to deformation. Under heavy and light loads, it maintains consistent ease of use for equipment handling. Ideal for applications in wet environments, it is resistant to chemicals, grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPR (mm)
Reference											
GPX 63 NME	FPX 63 NME	R 63 NME	150	70	3/4"	Ball Bearing	1000	230	131	204	183
GPX 83 NME	FPX 83 NME	R 83 NME	200				1200	275	168	231	208
GPX 103 NME	FPX 103 NME	R 103 NME	250				1300	325	207	275	241
GPX 123 NME	FPX 123 NME	R 123 NME	300				1400	370	244	303	269

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

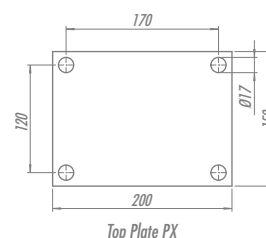


GC - Caster Guard

Swivel Section



Top Plate












PX - Axial Super Heavy Duty B - MOLDED RUBBER

Load capacity up to 750kg

Reinforced rig made of carbon steel plate, with axial ball bearings and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel											
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)		
GPX 63 BR	FPX 63 BR	R 63 BR	150	70	3/4"	Roller Bearing	400	230	131	204	183		
GPX 63 BE	FPX 63 BE	R 63 BE				Ball Bearing							
GPX 83 BR	FPX 83 BR	R 83 BR	200			Roller Bearing	500	275	168	231	208		
GPX 83 BE	FPX 83 BE	R 83 BE				Ball Bearing							
GPX 103 BR	FPX 103 BR	R 103 BR	250			Roller Bearing	600	325	207	275	241		
GPX 103 BE	FPX 103 BE	R 103 BE				Ball Bearing							
GPX 123 BR	FPX 123 BR	R 123 BR	300			Roller Bearing	750	370	244	303	269		
GPX 123 BE	FPX 123 BE	R 123 BE				Ball Bearing							

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

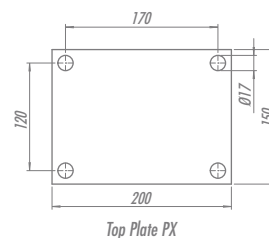


GC - Caster Guard

Swivel Section



Top Plate





PX - Axial Super Heavy Duty BS - EXTRA THICK MOLDED RUBBER

Load capacity up to 900kg

Reinforced rig made of carbon steel plate, with axial ball bearings and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



Wheel Types

BS Black

80 Shore A
up to 20km/h



BS Gray

75 Shore A
up to 16km/h












BS Blue

65 Shore A
up to 16km/h



BS WHEEL - Extra Thick Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with an extra thick molded rubber tread on a cast iron core. Ideal for outdoor flooring applications, this wheel offers great shock and vibration absorption, high resistance to abrasion and longer service life due to its extra thick rubber layer. Resistant to chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPR (mm)
Reference											
GPX 83 BSE	FPX 83 BSE	R 83 BSE	200	70	3/4"	Ball Bearing	600	275	168	231	208
GPX 103 BSE	FPX 103 BSE	R 103 BSE	250				700	325	207	275	241
GPX 123 BSE	FPX 123 BSE	R 123 BSE	300				900	370	244	303	269

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

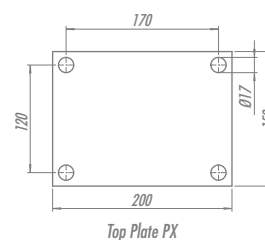


GC - Caster Guard

Swivel Section



Top Plate



PX - Axial Super Heavy Duty

P - MOLDED POLYURETHANE

Load capacity up to 1400kg

Reinforced rig made of carbon steel plate, with axial ball bearings and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel											
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)		
GPX 63 PR	FPX 63 PR	R 63 PR	150	70	3/4"	Roller Bearing	1000	230	131	204	183		
GPX 63 PE	FPX 63 PE	R 63 PE				Ball Bearing							
GPX 83 PR	FPX 83 PR	R 83 PR	200			Roller Bearing	1200	275	168	231	208		
GPX 83 PE	FPX 83 PE	R 83 PE				Ball Bearing							
GPX 103 PR	FPX 103 PR	R 103 PR	250			Roller Bearing	1300	325	207	275	241		
GPX 103 PE	FPX 103 PE	R 103 PE				Ball Bearing							
GPX 123 PR	FPX 123 PR	R 123 PR	300			Roller Bearing	1400	370	244	303	269		
GPX 123 PE	FPX 123 PE	R 123 PE				Ball Bearing							

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

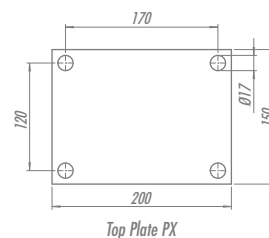


GC - Caster Guard

Swivel Section



Top Plate














PX - Axial Super Heavy Duty C - PHENOLIC RESIN

Load capacity up to 1000kg

Reinforced rig made of carbon steel plate, with axial ball bearings and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)
GPX 63 CR	FPX 63 CR	R 63 CR	150	70	3/4"	Roller Bearing	800	230	131	204	183
GPX 63 CE	FPX 63 CE	R 63 CE				Ball Bearing					
GPX 83 CR	FPX 83 CR	R 83 CR	200			Roller Bearing	1000	275	168	231	208
GPX 83 CE	FPX 83 CE	R 83 CE				Ball Bearing					

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

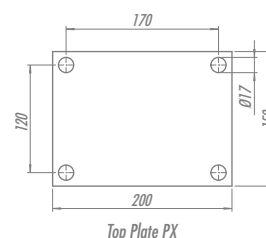


GC - Caster Guard

Swivel Section



Top Plate



Top Plate PX










PX - Axial Super Heavy Duty F - CAST IRON

Load capacity up to 1400kg

Reinforced rig made of carbon steel plate, with axial ball bearings and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel											
Reference			(mm)	(mm)	(pol)			(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)		
GPX 63 FR	FPX 63 FR	R 63 FR	150	70	3/4"	Roller Bearing	1000	230	131	204	183		
GPX 63 FE	FPX 63 FE	R 63 FE				Ball Bearing							
GPX 83 FR	FPX 83 FR	R 83 FR	200			Roller Bearing	1200	275	168	231	208		
GPX 83 FE	FPX 83 FE	R 83 FE				Ball Bearing							
GPX 103 FR	FPX 103 FR	R 103 FR	250			Roller Bearing	1300	325	207	275	241		
GPX 103 FE	FPX 103 FE	R 103 FE				Ball Bearing							
GPX 123 FR	FPX 123 FR	R 123 FR	300			Roller Bearing	1400	370	244	303	269		
GPX 123 FE	FPX 123 FE	R 123 FE				Ball Bearing							

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

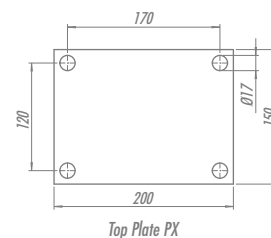


GC - Caster Guard

Swivel Section



Top Plate














PEX - Axial Extra Heavy Duty B - MOLDED RUBBER

Load capacity up to 1500kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPR (mm)
Reference											
GPEX 64 BE	FPEX 64 BE	R 64 BE	150	100	3/4"	Ball Bearing	500	230	132	207	184
GPEX 84 BE	FPEX 84 BE	R 84 BE	200				650	275	170	234	210
GPEX 104 BE	FPEX 104 BE	R 104 BE	250				800	325	208	278	242
GPEX 124 BE	FPEX 124 BE	R 124 BE	300				1000	384	253	302	279
GPEX 165 BE	FPEX 165 BE	R 165 BE	400	125	1"		1500	485	305	-	-

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

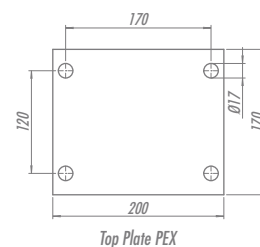


GC - Caster Guard

Swivel Section



Top Plate



PEX - Axial Extra Heavy Duty

BS - EXTRA THICK MOLDED RUBBER

Load capacity up to 1500kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



Wheel Types

BS Black

80 Shore A
up to 20km/h



BS Gray

75 Shore A
up to 16km/h












BS Blue

65 Shore A
up to 16km/h



BS WHEEL - Extra Thick Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with an extra thick molded rubber tread on a cast iron core. Ideal for outdoor flooring applications, this wheel offers great shock and vibration absorption, high resistance to abrasion and longer service life due to its extra thick rubber layer. Resistant to chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)
GPEX 84 BSE	FPEX 84 BSE	R 84 BSE	200	100	3/4"	Ball Bearing	750	275	170	234	210
GPEX 104 BSE	FPEX 104 BSE	R 104 BSE	250				900	325	208	278	242
GPEX 124 BSE	FPEX 124 BSE	R 124 BSE	300				1200	384	253	302	279
GPEX 165 BSE	FPEX 165 BSE	R 165 BSE	400	125	1"		1500	485	305	-	-

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

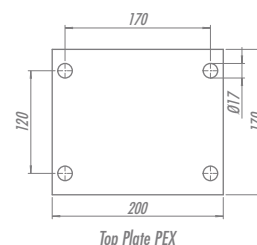


GC - Caster Guard

Swivel Section



Top Plate



PEX - Axial Extra Heavy Duty









P - MOLDED POLYURETHANE

Load capacity up to 2800kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FPR (mm)	w/ brake FPR (mm)
GPEX 64 PE	FPEX 64 PE	R 64 PE	150	100	3/4"	Ball Bearing	1200	230	132	207	184
GPEX 84 PE	FPEX 84 PE	R 84 PE	200				1400	275	170	234	210
GPEX 104 PE	FPEX 104 PE	R 104 PE	250				1800	325	208	278	242
GPEX 124 PE	FPEX 124 PE	R 124 PE	300				2000	384	253	302	279
GPEX 165 PE	FPEX 165 PE	R 165 PE	400	125	1"		2800	485	305	-	-

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

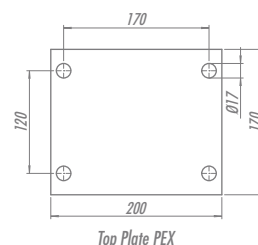


GC - Caster Guard

Swivel Section



Top Plate






PEX - Axial Extra Heavy Duty C - PHENOLIC RESIN

Load capacity up to 1700kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



C WHEEL - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	w/ brake FPR (mm)
GPEX 124 CE	FPEX 124 CE	R 124 CE	300	100	3/4"	Ball Bearing	1700	384	253	302	279

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

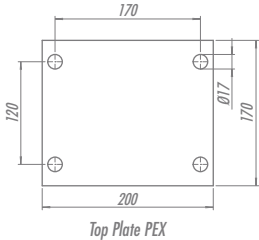


GC - Caster Guard

Swivel Section



Top Plate











PEX - Axial Extra Heavy Duty F - CAST IRON

Load capacity up to 2000kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	 w/ brake FPR (mm)
Reference											
GPEX 64 FE	FPEX 64 FE	R 64 FE	150	100	3/4"	Ball Bearing	1200	230	132	207	184
GPEX 84 FE	FPEX 84 FE	R 84 FE	200				1400	275	170	234	210
GPEX 104 FE	FPEX 104 FE	R 104 FE	250				1800	325	208	278	242
GPEX 124 FE	FPEX 124 FE	R 124 FE	300				2000	384	253	302	279

Accessories/Brake Options



FL - Side Lock
Wheel Brake



FPR - Pedal Brake



FP - Pedal Brake



BG - Swivel Lock

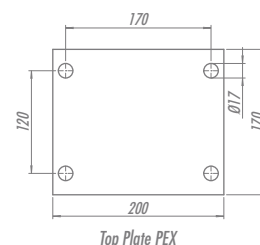


GC - Caster Guard

Swivel Section



Top Plate



PCX - Pneumatic Axial









PP - PNEUMATIC

Load capacity up to 220kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



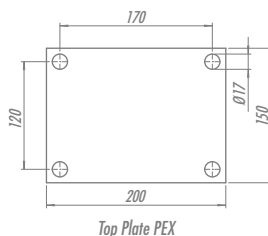
PP WHEEL - Pneumatic - Polypropylene Core. (-20°C to +50°C). Manufactured with tire and inner tube on an injected polypropylene core. This wheel is used for uneven floors, where easy handling, impact absorption, and vibration damping are required. It offers easy maintenance and its components can be supplied separately. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (pol)		 KG	 (mm)	 w/o brake (mm)	 w/ brake FP (mm)	Tire Pressure (LB/pol2)
Reference											
GPCX 3258 PPN	FPCX 3258 PPN	R 3258 PPN			3/4"	Nylon Bushing					
GPCX 3258 PPR	FPCX 3258 PPR	R 3258 PPR	365	80		Roller Bearing	200	438	302	302	35
GPCX 3258 PPE	FPCX 3258 PPE	R 3258 PPE				Ball Bearing					
GPCX 3508 PPN	FPCX 3508 PPN	R 3508 PPN			3/4"	Nylon Bushing					
GPCX 3508 PPR	FPCX 3508 PPR	R 3508 PPR	385	95		Roller Bearing	220	448	312	312	50
GPCX 3508 PPE	FPCX 3508 PPE	R 3508 PPE				Ball Bearing					

Swivel Section



Top Plate



Brake



FP - Pedal Brake



PCX - Pneumatic Axial









PC - PNEUMATIC

Load capacity up to 300kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



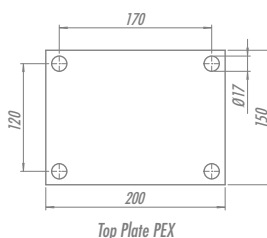
PC WHEEL - Pneumatic - Stamped Steel Plate Core. (-20°C to +50°C). Manufactured with tire and inner tube on a stamped carbon steel with black painted core. This wheel is used for uneven floors, where easy handling, impact absorption, and vibration damping are required. It offers easy maintenance and its components can be supplied separately. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel									Tire Pressure
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)	(LB/pol2)
GPCX 3258 PCR	FPCX 3258 PCR	R 3258 PCR	365	80	3/4"	Roller Bearing	200	438	302	302	35
GPCX 3258 PCE	FPCX 3258 PCE	R 3258 PCE				Ball Bearing					
GPCX 3508 PCR	FPCX 3508 PCR	R 3508 PCR	385	95		Roller Bearing	220	448	312	312	50
GPCX 3508 PCE	FPCX 3508 PCE	R 3508 PCE				Ball Bearing					
GPCX 4008 PCR	FPCX 4008 PCR	R 4008 PCR	400	105		Roller Bearing	300	480	330	330	70
GPCX 4008 PCE	FPCX 4008 PCE	R 4008 PCE				Ball Bearing					

Swivel Section



Top Plate



Brake



FP - Pedal Brake

PMX - Solid Tire Axial








PM - SOLID TIRE

Load capacity up to 500kg

Reinforced rig made of carbon steel plate with stamped and machined parts, with double axial ball bearings in the swivel section. Painted finish. Bolted wheel axle.



PM WHEEL - Solid Tire - Stamped Steel Plate Core. Hardness: 80 Shore A. (-20°C a +70°C). Manufactured with a solid rubber tread on a stamped carbon steel core. This wheel is maintenance-free and does not go flat. Engineered for uneven floor and passes over obstacles easily. Two piece steel core can be disassembled, for easy component replacement, which may be supplied separately. The recommended traveling speed is up to 4km/h.

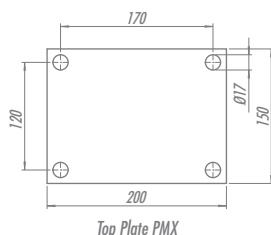
Swivel Caster	Rigid Caster	Wheel								
Reference			(mm)	(mm)	(pol)		KG	(mm)	w/o brake (mm)	w/ brake FP (mm)
GPMX 2258 PMR	FPMX 2258 PMR	R 2258 PMR	300	52	3/4"	Roller Bearing	200	405	270	270
GPMX 2258 PME	FPMX 2258 PME	R 2258 PME				Ball Bearing				
GPMX 12300 PMR	FPMX 12300 PMR	R 12300 PMR	310	68		Roller Bearing	350	410	275	275
GPMX 12300 PME	FPMX 12300 PME	R 12300 PME				Ball Bearing				
GPMX 3308 PMR	FPMX 3308 PMR	R 3308 PMR	330	77		Roller Bearing	400	420	285	285
GPMX 3308 PME	FPMX 3308 PME	R 3308 PME				Ball Bearing				
GPMX 15300 PMR	FPMX 15300 PMR	R 15300 PMR	390	85		Roller Bearing	450	450	315	315
GPMX 15300 PME	FPMX 15300 PME	R 15300 PME				Ball Bearing				
GPMX 16400 PMR	FPMX 16400 PMR	R 16400 PMR	405	105		Roller Bearing	500	482	332	332
GPMX 16400 PME	FPMX 16400 PME	R 16400 PME				Ball Bearing				

PS: 2258: zinc-plated finish.

Swivel Section



Top Plate



Brake



FP - Pedal Brake

YPEX - Twin Wheels Extra Heavy Duty Axial B - MOLDED RUBBER

Load capacity up to 2000kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel							
Reference			(mm)	(mm)	(pol)		KG	(mm)	(mm)
YGPEX 63 BE	YFPEX 63 BE	R 63 BE - 25mm	150	151	25	Ball Bearing	800	240	135
YGPEX 83 BE	YFPEX 83 BE	R 83 BE - 25mm	200				1000	290	174
YGPEX 103 BE	YFPEX 103 BE	R 103 BE - 25mm	250				1200	348	218
YGPEX 123 BE	YFPEX 123 BE	R 123 BE - 25mm	300				1500	398	258
YGPEX 64 BE	YFPEX 64 BE	R 64 BE - 25mm	150	213			1000	246	137
YGPEX 84 BE	YFPEX 84 BE	R 84 BE - 25mm	200				1300	300	178
YGPEX 104 BE	YFPEX 104 BE	R 104 BE - 25mm	250				1600	365	227
YGPEX 124 BE	YFPEX 124 BE	R 124 BE - 30mm	300				2000	394	254

Accessories/Brake Options



FL - Side Lock
Wheel Brake

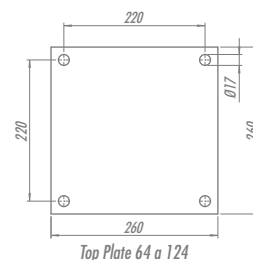
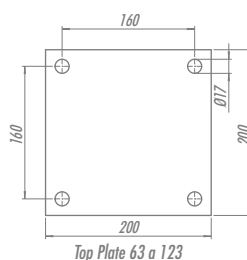


BG - Swivel Lock

Swivel Section



Top Plates










YPEX - Twin Wheels Extra Heavy Duty Axial P - MOLDED POLYURETHANE

Load capacity up to 3800kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel							
Reference			(mm)	(mm)	(pol)			(mm)	(mm)
YGPEX 63 PE	YFPEX 63 PE	R 63 PE - 25mm	150	151	25	Ball Bearing	2000	240	135
YGPEX 83 PE	YFPEX 83 PE	R 83 PE - 25mm	200				2400	290	174
YGPEX 103 PE	YFPEX 103 PE	R 103 PE - 25mm	250				2600	348	218
YGPEX 123 PE	YFPEX 123 PE	R 123 PE - 25mm	300				2800	398	258
YGPEX 64 PE	YFPEX 64 PE	R 64 PE - 25mm	150	213			2400	246	137
YGPEX 84 PE	YFPEX 84 PE	R 84 PE - 25mm	200				2800	300	178
YGPEX 104 PE	YFPEX 104 PE	R 104 PE - 25mm	250				3600	365	227
YGPEX 124 PE	YFPEX 124 PE	R 124 PE - 30mm	300				3800	394	254

Accessories/Brake Options



FL - Side Lock
Wheel Brake

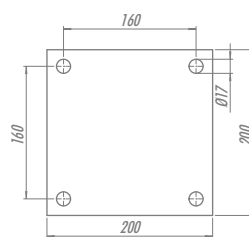


BG - Swivel Lock

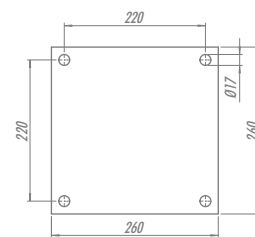
Swivel Section



Top Plates



Top Plate 63 a 123



Top Plate 64 a 124



YPEX - Twin Wheels Extra Heavy Duty Axial F - CAST IRON

Load capacity up to 3800kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



F WHEEL - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

Swivel Caster	Rigid Caster	Wheel							
Reference			(mm)	(mm)	(pol)		KG	(mm)	(mm)
YGPEX 63 FE	YFPEX 63 FE	R 63 FE - 25mm	150	151	25	Ball Bearing	2000	240	135
YGPEX 83 FE	YFPEX 83 FE	R 83 FE - 25mm	200				2400	290	174
YGPEX 103 FE	YFPEX 103 FE	R 103 FE - 25mm	250				2600	348	218
YGPEX 123 FE	YFPEX 123 FE	R 123 FE - 25mm	300				2800	398	258
YGPEX 64 FE	YFPEX 64 FE	R 64 FE - 25mm	150	213			2400	246	137
YGPEX 84 FE	YFPEX 84 FE	R 84 FE - 25mm	200				2800	300	178
YGPEX 104 FE	YFPEX 104 FE	R 104 FE - 25mm	250				3600	365	227
YGPEX 124 FE	YFPEX 124 FE	R 124 FE - 30mm	300				3800	394	254

Accessories/Brake Options



FL - Side Lock
Wheel Brake

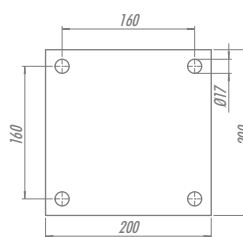


BG - Swivel Lock

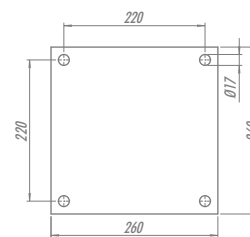
Swivel Section



Top Plates



Top Plate 63 a 123



Top Plate 64 a 124

Dolly Extra Axial - DE/DERX/ERX









B - MOLDED RUBBER

Load capacity up to 3200kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



B WHEEL - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (mm)	 (mm)			 (mm)	 (mm)
Reference										
GERX 124 BE	FERX 124 BE	R 124 BE Dolly	300	100	-	30	Ball Bearing	1000	380	325
GDE 123 BE	FDE 123 BE	R 123 BE Dolly	300	-	151	30	Ball Bearing	1500	410	222
GDE 124 BE	FDE 124 BE	R 124 BE Dolly		-	203			2000		
GDE 165 BE	FDE 165 BE	R 165 BE Dolly		-	262			3000		
GDE 205 BE	FDE 205 BE	R 205 BE Dolly		-	278			3200		
GDERX 123 BE	FDERX 123 BE	R 123 BE Dolly	300	-	151	30	Ball Bearing	1500	410	400
GDERX 124 BE	FDERX 124 BE	R 124 BE Dolly		-	203			2000		

Accessories/Brake Options



FL - Side Lock
Wheel Brake

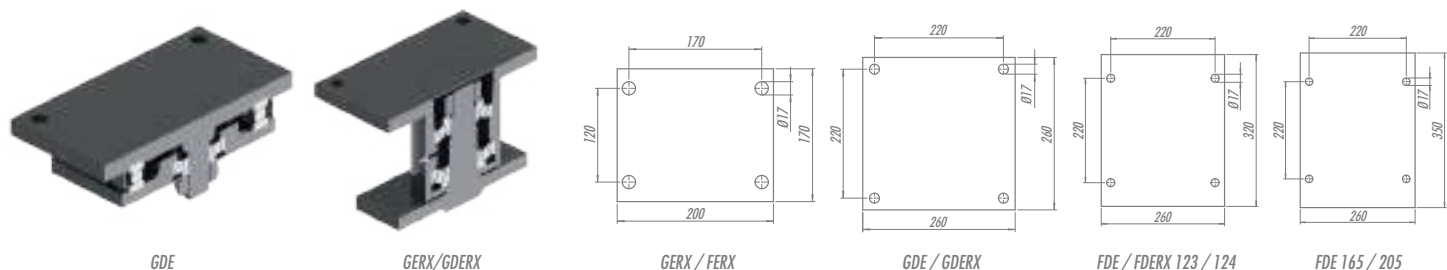
BG - Swivel Lock

GDERX

GERX

Swivel Section

Top Plates



GDE

GERX/GDERX

GERX / FERX

GDE / GDERX

FDE / FDERX 123 / 124

FDE 165 / 205

Dolly Extra Axial - DE/DERX/ERX









BS - EXTRA THICK MOLDED RUBBER

Load capacity up to 3600kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



BS WHEEL - Extra Thick Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with an extra thick molded rubber tread on a cast iron core. Ideal for outdoor flooring applications, this wheel offers great shock and vibration absorption, high resistance to abrasion and longer service life due to its extra thick rubber layer. Resistant to chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (mm)	 (mm)		 KG	 (mm)	 (mm)
Reference										
GERX 124 BSE	FERX 124 BSE	R 124 BSE Dolly	300	95	-	30	Ball Bearing	1200	380	325
GDE 123 BSE	FDE 123 BSE	R 123 BSE Dolly	300	-	151	30	Ball Bearing	1800	410	222
GDE 124 BSE	FDE 124 BSE	R 124 BSE Dolly		-	197			2400		
GDE 165 BSE	FDE 165 BSE	R 165 BSE Dolly	400	-	262	35		3600	540	300
GDERX 123 BSE	FDERX 123 BSE	R 123 BSE Dolly	300	-	151	30	Ball Bearing	1800	410	400
GDERX 124 BSE	FDERX 124 BSE	R 124 BSE Dolly		-	197			2400		

Accessories/Brake Options



FL - Side Lock
Wheel Brake

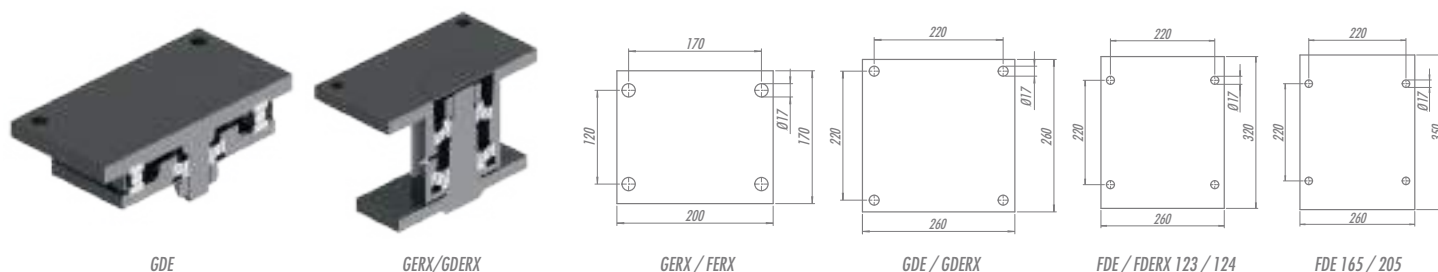
BG - Swivel Lock

GDERX

GERX

Swivel Section

Top Plates



GDE

GERX/GDERX

GERX / FERX

GDE / GDERX

FDE / FDERX 123 / 124

FDE 165 / 205

Dolly Extra Axial - DE/DERX/ERX









P - MOLDED POLYURETHANE

Load capacity up to 6000kg

Reinforced rig made of carbon steel plate, with axial ball bearing and tapered roller bearings in the swivel section. Painted finish. Bolted wheel axle.



P WHEEL - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.

Swivel Caster	Rigid Caster	Wheel	 (mm)	 (mm)	 (mm)	 (mm)			 (mm)	 (mm)
Reference										
GERX 124 PE	FERX 124 PE	R 124 PE Dolly	300	100	-	30	Ball Bearing	2000	380	325
GDE 123 PE	FDE 123 PE	R 123 PE Dolly	300	-	151	30	Ball Bearing	2800	410	222
GDE 124 PE	FDE 124 PE	R 124 PE Dolly		-	203			4000		
GDE 165 PE	FDE 165 PE	R 165 PE Dolly		-	262			5600		
GDE 205 PE	FDE 205 PE	R 205 PE Dolly		-	278			6000		
GDERX 123 PE	FDERX 123 PE	R 123 PE Dolly	300	-	151	30	Ball Bearing	2800	410	222
GDERX 124 PE	FDERX 124 PE	R 124 PE Dolly		-	203			4000		

Accessories/Brake Options



FL - Side Lock
Wheel Brake



BG - Swivel Lock



GDERX



GERX

Swivel Section

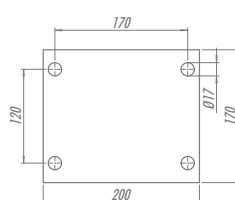
Top Plates



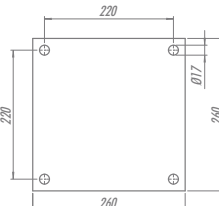
GDE



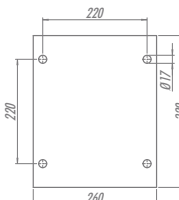
GERX/GDERX



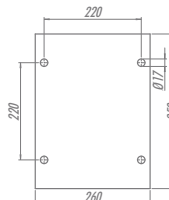
GERX / FERX



GDE / GDERX




















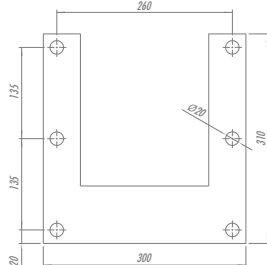
FDE / FDERX 123 / 124



FDE 165 / 205

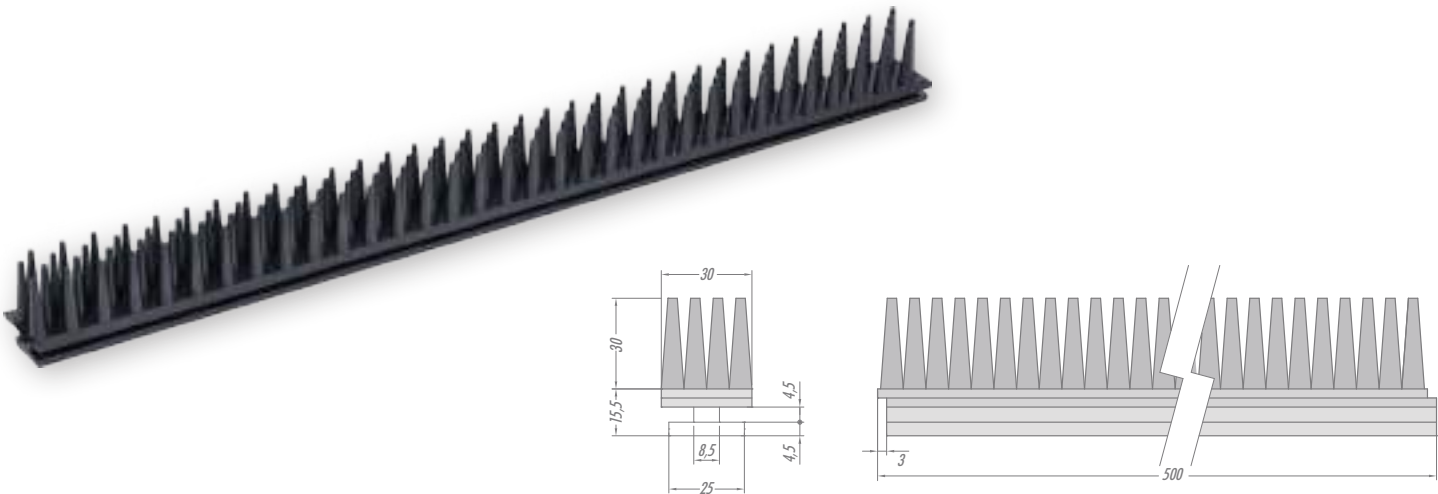
Special Solutions

	Reference	Application	 (mm)	 (mm)	 (pol)
	GCM 42 PER - PL	Swivel caster with polyurethane tread and cast iron wheel, featuring a spring for impact absorption; used as a support caster for electric forklifts	100	50	1/2"
	GMS 211 FBB - PC	Swivel caster with steel wheel and armored head for mining equipment chain cables	50	36	7/16"
	FP 514 F	Rigid caster with cast iron wheel for electric transformers	125	38	25mm
	GNBEL 310 NP S5 GNBEL 310 NP S5 FPI	Swivel caster with nylon body and polypropylene wheel used for cleaning carts	75	19	1/4"
	FCPX 165 BSE	Rigid caster with anti-shock spring and wheel with an extra thick molded rubber tread on a cast iron core; used for motion equipment with speeds up to 20 km/h in outdoor factory areas	400	125	1"
	GMETU 614 BPN FL	Swivel caster with stamped rig, tubular stem, PVC tread wheel with nylon bushing; used for small-sized scaffolds.	150	38	7/16"
	GL 512 NTER FP - CA GL 512 NTER - CA FL 512 NTER - CA	Swivel caster with stamped rig, top plate and pedal brake to lock the wheel. Natural 6.0 nylon wheel with double ball bearing and rubber seal. Used for egg incubator carts.	125	32	7/16"
	GPEX 104 VE BG DOUBLE FL - EB	Swivel caster reinforced with steel rig and wheel; swivel locking system and side brake. This wheel relies on a "U" profile that enables motion on both flat floor and track. Intended for thermic ovens, and autoclaves.	250	150	30mm
	GMX 82 ALPSE SOFT FPR CHAIN STEERING SYSTEM - FI	Swivel caster made of steel with a chain steering system, and a reinforced pedal brake. The gear system synchronizes the turning movement of the caster head, enabling more accurate turning while maintaining the cart's tracking. Intended for mechanically-driven carts in car manufacturing and general industry assembly lines.	200	50	1/2"
	GERX 124 PHPE IP - CT	Swivel caster reinforced with adaptor plate and locking pin for container feet. It has a steel structure reinforced with two conical bearings in the swivel head and a high-performance polyurethane tread on a cast iron wheel. The side coupling system allows for simplified caster assembly and disassembly. Intended for moving containers.	300	100	3/4"

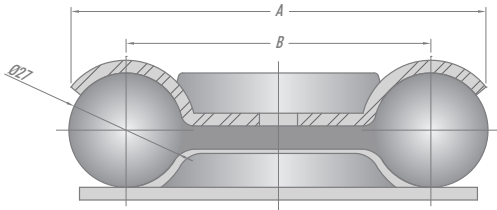
Bearing Type	 KG	 (mm)	 w/o brake (mm)	 w/ brake (mm)	Top Plate Fitting			Stem Fitting
					Plate Size (mm)	Hole Centers (mm)	Hole Size (mm)	
Ball Bearing	500	220	104	-	127 X 178	82,8 X 129,8 91,2 X 138,2	13	-
Bronze Bushing	200	87	44	-	19 X 95	80	6,5	-
Plain Bearing	2000	150	-	-	-	-	-	M16 X 30mm
Plain Bearing	30	94	63	92	-	-	-	Ø16mm x 42mm
Ball Bearing	1200	350	-	-				-
Nylon Bushing	125	175	118	118	-	-	-	Ø1-5/16" x 144
Double Ball Bearing	250	161	103	118	120 x 75	95 x 55	10,5	-
Tapered Roller Bearing	4000	350	-	195	180 x 200	102 x 170 138 x 170	17	-
Ball Bearing	700	271	100	144	130 x 140	96 X 106 105 X 115	13	-
Ball Bearing	2000	464	230	-	170 X 200	102 X 127	17	-

Accessories

Brush Part Separator

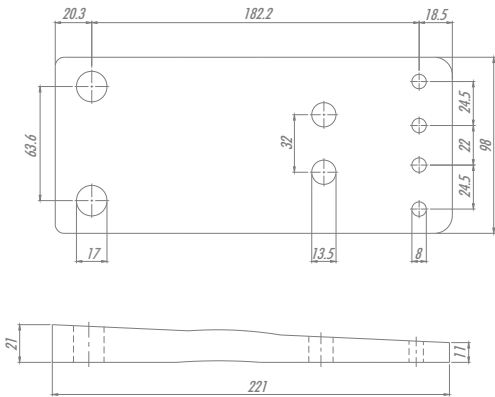


Tube Clamp



Reference	Lenght "A" (mm)	Center-to-Center Spacing "B" (mm)
ABT 98	98	72
ABT 109	109	83

Pig Hair Removal Plate



*Thermoplastic Elastomer Plate
having great mechanical
resistance used for pig hair
removing equipment
in the food industry.*

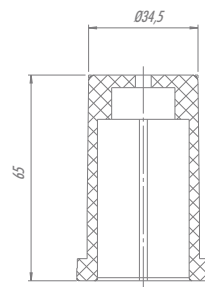
Accessories

Protective End Caps and Bushings for Hospital Beds

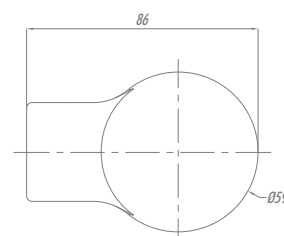
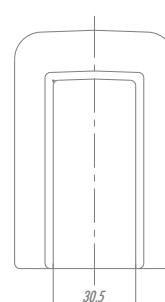
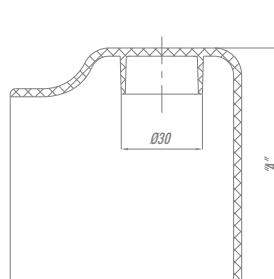
Made of impact-resistant polypropylene, in white. Protective end caps protect the connection of the caster and part of the metallic structure, enhancing your equipment's appearance.



	Outer Ø	Length
Headboard caps	Ø34,5mm	65mm



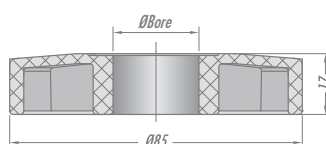
		"A"
68mm bed's end caps	Ø59mm	68mm
88mm bed's end caps	Ø59mm	88mm



Round Bumper



Available in gray and beige.
(other color options available upon request)

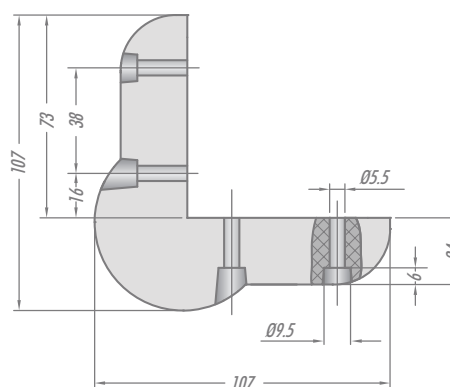


Reference	ØBumper (mm)	ØBore (mm)	Height (mm)
Bumper 85X7	85	7	17
Bumper 85X25		25	
Bumper 85X30		30	
Bumper 85X32		32	

Corner Bumper



Available in gray and beige.
(other color options available upon request)











WHEELS

BP WHEEL

PVC



BP - Thermoplastic PVC Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a Thermoplastic PVC Compound on a polypropylene copolymer core. This wheel offers soft and quiet rolling, great floor protection, excellent chemical, wear and impact resistance — resulting in an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.








WHEEL				 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG			
Reference	(mm)	(mm)	(mm)							
R 158 BP	41	17	19	-	1/4"	Plain Bearing	35			
R 210 BP	50	19	24				40			
R 310 BP	75						50			
R 410 BP	100						55			
R 312 BP	75	32	38	-	5/16"	Plain Bearing	60			
R 312 BPN						Plain Bearing w/ Thread Guards				
R 312 BPE						Ball Bearing w/ Thread Guards				
R 412 BP	100					38	-	5/16"	Plain Bearing	65
R 412 BPN									Plain Bearing w/ Thread Guards	
R 412 BPE									Ball Bearing w/ Thread Guards	
R 512 BP	125					38	-	5/16"	Plain Bearing	75
R 512 BPN									Plain Bearing w/ Thread Guards	
R 512 BPE									Ball Bearing w/ Thread Guards	
R 612 BP	150					38	-	5/16"	Plain Bearing	85
R 612 BPE									Ball Bearing w/ Thread Guards	
R 414 BPN	100	38	48	7/16"	9/16"	Nylon Bushing	100			
R 414 BPE		32		-	7/16"	Ball Bearing w/ Thread Guards				
R 514 BPN	125	38		7/16"	9/16"	Nylon Bushing	115			
R 514 BPE		32		-	7/16"	Ball Bearing w/ Thread Guards				
R 614 BPN	150	38		7/16"	9/16"	Nylon Bushing	125			
R 614 BPE		32		-	7/16"	Ball Bearing w/ Thread Guards				
R 816 BPN	200	41	54	5/8"	7/8"	Nylon Bushing	150			
R 816 BPE	200			7/8"	25mm	Ball Bearing				
R 916 BPN	225			5/8"	7/8"	Nylon Bushing	170			
R 916 BPE				7/8"	25mm	Ball Bearing				
R 1016 BPN	250			5/8"	7/8"	Nylon Bushing	200			
R 1016 BPE				7/8"	25mm	Ball Bearing				
R 42 BPN	100	50	62	1/2"	5/8"	Nylon Bushing	150			
R 42 BPR					5/8"	Roller Bearing				
R 42 BPE					17mm	Ball Bearing				
R 52 BPN	125				5/8"	Nylon Bushing	200			
R 52 BPR					5/8"	Roller Bearing				
R 52 BPE					17mm	Ball Bearing				
R 62 BPN	150				5/8"	Nylon Bushing	250			
R 62 BPR					5/8"	Roller Bearing				
R 62 BPE					17mm	Ball Bearing				
R 82 BPN	200				7/8"	Nylon Bushing	300			
R 82 BPE					20mm	Ball Bearing				
R 102 BPN	250				7/8"	Nylon Bushing	400			
R 102 BPE					20mm	Ball Bearing				

SP WHEEL

Extrasoft Rubber



SP - Extrasoft Thermoplastic Rubber. Hardness: 65 Shore A. (-10°C to +50°C). Injected wheel manufactured with extrasoft thermoplastic rubber on a polypropylene copolymer core. It features an extremely low operating noise level and excellent vibration reduction. Indicated for light load handling, this non-marking wheel offers excellent floor protection and good resistance to impact and chemicals. The recommended traveling speed is up to 4km/h.








WHEEL										
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG			
R 158 SP	41	17	19	-	1/4"	Plain Bearing	35			
R 210 SP	50	19	24				40			
R 310 SP	75						50			
R 410 SP	100						55			
R 312 SP	75	32	38	-	5/16"	Plain Bearing	60			
R 312 SPN						Plain Bearing w/ Thread Guards				
R 312 SPE						Ball Bearing w/ Thread Guards				
R 412 SP	100					38	-	5/16"	Plain Bearing	65
R 412 SPN									Plain Bearing w/ Thread Guards	
R 412 SPE									Ball Bearing w/ Thread Guards	
R 512 SP	125					38	-	5/16"	Plain Bearing	75
R 512 SPN									Plain Bearing w/ Thread Guards	
R 512 SPE									Ball Bearing w/ Thread Guards	
R 612 SP	150					38	-	5/16"	Plain Bearing	85
R 612 SPE									Ball Bearing w/ Thread Guards	
R 414 SPN	100	38	48	7/16"	9/16"	Nylon Bushing	85			
R 414 SPE		32		-	7/16"	Ball Bearing w/ Thread Guards				
R 514 SPN	125	38		7/16"	9/16"	Nylon Bushing	115			
R 514 SPE		32		-	7/16"	Ball Bearing w/ Thread Guards				
R 614 SPN	150	38		7/16"	9/16"	Nylon Bushing	125			
R 614 SPE		32		-	7/16"	Ball Bearing w/ Thread Guards				
R 816 SPN	200	41	54	5/8"	7/8"	Nylon Bushing	150			
R 816 SPE				7/8"	25mm	Ball Bearing				
R 916 SPN	225			5/8"	7/8"	Nylon Bushing	170			
R 916 SPE				7/8"	25mm	Ball Bearing				
R 1016 SPN	250			5/8"	7/8"	Nylon Bushing	200			
R 1016 SPE				7/8"	25mm	Ball Bearing				
R 42 SPN	100	50	62	1/2"	5/8"	Nylon Bushing	150			
R 42 SPR					17mm	Roller Bearing				
R 42 SPE					17mm	Ball Bearing				
R 52 SPN	125				5/8"	Nylon Bushing	200			
R 52 SPR					17mm	Roller Bearing				
R 52 SPE					17mm	Ball Bearing				
R 62 SPN	150				5/8"	Nylon Bushing	250			
R 62 SPR					17mm	Roller Bearing				
R 62 SPE					17mm	Ball Bearing				
R 82 SPN	200				7/8"	Nylon Bushing	300			
R 82 SPE					20mm	Ball Bearing				
R 102 SPN	250				7/8"	Nylon Bushing	400			
R 102 SPE					20mm	Ball Bearing				

TB WHEEL

Thermoplastic Rubber



TB - Thermoplastic Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with thermoplastic rubber on a polypropylene copolymer core. This non-marking wheel offers excellent floor protection, soft and quiet rolling, smooth handling and maneuverability, impact resistance, a low deformation index under load, and excellent abrasion resistance. It also has great resistance to inclement weather and compounds such as salt, and grease. The recommended traveling speed is up to 4km/h.








WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 158 TB	41	17	19	-	1/4"	Plain Bearing	35
R 210 TB	50	19	24				40
R 310 TB	75						50
R 410 TB	100						55
R 312 TB	75	32	38	-	5/16"	Plain Bearing	70
R 312 TBN						Plain Bearing w/ Thread Guards	
R 312 TBE						Ball Bearing w/ Thread Guards	
R 412 TB	100					Plain Bearing	80
R 412 TBN						Plain Bearing w/ Thread Guards	
R 412 TBE						Ball Bearing w/ Thread Guards	
R 512 TB	125					Plain Bearing	90
R 512 TBN						Plain Bearing w/ Thread Guards	
R 512 TBE						Ball Bearing w/ Thread Guards	
R 612 TB	150					Plain Bearing	100
R 612 TBE						Ball Bearing w/ Thread Guards	150
R 414 TBN	100	38	48	7/16"	9/16"	Nylon Bushing	100
R 414 TBE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 514 TBN	125	38		7/16"	9/16"	Nylon Bushing	125
R 514 TBE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 614 TBN	150	38		7/16"	9/16"	Nylon Bushing	150
R 614 TBE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 816 TBN	200	41	54	5/8"	7/8"	Nylon Bushing	165
R 816 TBE				7/8"	25mm	Ball Bearing	
R 916 TBN	225			5/8"	7/8"	Nylon Bushing	185
R 916 TBE				7/8"	25mm	Ball Bearing	
R 1016 TBN	250			5/8"	7/8"	Nylon Bushing	210
R 1016 TBE				7/8"	25mm	Ball Bearing	
R 42 TBN	100	50	62	1/2"	5/8"	Nylon Bushing	150
R 42 TBR						Roller Bearing	
R 42 TBE					17mm	Ball Bearing	
R 52 TBN	125				5/8"	Nylon Bushing	200
R 52 TBR						Roller Bearing	
R 52 TBE					17mm	Ball Bearing	
R 62 TBN	150				5/8"	Nylon Bushing	250
R 62 TBR						Roller Bearing	
R 62 TBE					17mm	Ball Bearing	
R 82 TBN	200				7/8"	Nylon Bushing	300
R 82 TBE					20mm	Ball Bearing	
R 102 TBN	250				7/8"	Nylon Bushing	400
R 102 TBE					20mm	Ball Bearing	

TP WHEEL

Thermoplastic Compound



TP - Thermoplastic Compound. Hardness: 85 Shore A. (-10°C to +50°C). Manufactured with a recyclable thermoplastic compound on a polypropylene copolymer core. It offers soft and quiet rolling, great floor protection, excellent chemical, wear, and impact resistance resulting in a excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

WHEEL										
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG			
R 158 TP	41	17	19	-	1/4"	Plain Bearing	35			
R 210 TP	50	19	24				40			
R 310 TP	75						50			
R 410 TP	100						55			
R 312 TP	75	32	38	-	5/16"	Plain Bearing	70			
R 312 TPN						Plain Bearing w/ Thread Guards				
R 312 TPE						Ball Bearing w/ Thread Guards				
R 412 TP	100					Plain Bearing	80			
R 412 TPN						Plain Bearing w/ Thread Guards				
R 412 TPE						Ball Bearing w/ Thread Guards				
R 512 TP	125					Plain Bearing	90			
R 512 TPN						Plain Bearing w/ Thread Guards				
R 512 TPE						Ball Bearing w/ Thread Guards				
R 612 TP	150					Plain Bearing	100			
R 612 TPE						Ball Bearing w/ Thread Guards	150			
R 414 TPN	100	38	48	7/16"	9/16"	Nylon Bushing	100			
R 414 TPE		32		-	7/16"	Ball Bearing w/ Thread Guards				
R 514 TPN	125	38		7/16"	9/16"	Nylon Bushing	125			
R 514 TPE		32		-	7/16"	Ball Bearing w/ Thread Guards				
R 614 TPN	150	38		7/16"	9/16"	Nylon Bushing	150			
R 614 TPE		32		-	7/16"	Ball Bearing w/ Thread Guards				
R 816 TPN	200	41	54	5/8"	7/8"	Nylon Bushing	165			
R 816 TPE				7/8"	25mm	Ball Bearing				
R 916 TPN	225			5/8"	7/8"	Nylon Bushing	185			
R 916 TPE				7/8"	25mm	Ball Bearing				
R 1016 TPN	250			5/8"	7/8"	Nylon Bushing	210			
R 1016 TPE				7/8"	25mm	Ball Bearing				
R 42 TPN*	100	50	62	1/2"	5/8"	Nylon Bushing	150			
R 42 TPR*					17mm	Roller Bearing				
R 42 TPE*					17mm	Ball Bearing				
R 52 TPN*	125				5/8"	Nylon Bushing	200			
R 52 TPR*					17mm	Roller Bearing				
R 52 TPE*					17mm	Ball Bearing				
R 62 TPN*	150				5/8"	Nylon Bushing	250			
R 62 TPR*					17mm	Roller Bearing				
R 62 TPE*					17mm	Ball Bearing				
R 82 TPN*	200				7/8"	Nylon Bushing	300			
R 82 TPE*					20mm	Ball Bearing				
R 102 TPN*	250				7/8"	Nylon Bushing	400			
R 102 TPE*					20mm	Ball Bearing				








*The 42 to 102 wheels are available only in black tread.

UP WHEEL

Polyurethane Thermoplastic



UP - Thermoplastic Polyurethane. Hardness: 90 Shore A. (-20°C to +70°C). Manufactured with recyclable thermoplastic elastollan polyurethane on a polypropylene copolymer core. Ideal for those who seek a greater load capacity and excellent floor protection, low noise, easy rolling, plus excellent resistance to abrasion and impact. Resistant to grease, mineral oil, and some acids. The recommended traveling speed is up to 4km/h.








WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 158 UP	41	17	19	-	1/4"	Plain Bearing	40
R 210 UP	50	19	24				50
R 310 UP	75						60
R 410 UP	100						70
R 312 UP	75	32	38	-	5/16"	Plain Bearing	80
R 312 UPN						Plain Bearing w/ Thread Guards	
R 312 UPE						Ball Bearing w/ Thread Guards	
R 412 UP	100					Plain Bearing	90
R 412 UPN						Plain Bearing w/ Thread Guards	
R 412 UPE						Ball Bearing w/ Thread Guards	
R 512 UP	125					Plain Bearing	100
R 512 UPN						Plain Bearing w/ Thread Guards	
R 512 UPE						Ball Bearing w/ Thread Guards	
R 612 UP	150					Plain Bearing	125
R 612 UPE						Ball Bearing w/ Thread Guards	165
R 414 UPN	100	38	48	7/16"	9/16"	Nylon Bushing	125
R 414 UPE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 514 UPN	125	38		7/16"	9/16"	Nylon Bushing	150
R 514 UPE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 614 UPN	150	38		7/16"	9/16"	Nylon Bushing	165
R 614 UPE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 816 UPN	200	41	54	5/8"	7/8"	Nylon Bushing	200
R 816 UPE				7/8"	25mm	Ball Bearing	
R 916 UPN	225			5/8"	7/8"	Nylon Bushing	220
R 916 UPE				7/8"	25mm	Ball Bearing	
R 1016 UPN	250			5/8"	7/8"	Nylon Bushing	250
R 1016 UPE				7/8"	25mm	Ball Bearing	
R 42 UPN	100	50	62	1/2"	5/8"	Nylon Bushing	250
R 42 UPR						Roller Bearing	
R 42 UPE						Ball Bearing	
R 52 UPN	125				5/8"	Nylon Bushing	350
R 52 UPR						Roller Bearing	
R 52 UPE						Ball Bearing	
R 62 UPN	150				5/8"	Nylon Bushing	400
R 62 UPR						Roller Bearing	
R 62 UPE						Ball Bearing	
R 82 UPN	200				7/8"	Nylon Bushing	550
R 82 UPE						Ball Bearing	
R 102 UPN	250				7/8"	Nylon Bushing	700
R 102 UPE						Ball Bearing	

NP WHEEL

Polypropylene



NP - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C). Injected wheel manufactured with a recyclable polypropylene copolymer tread and core. Indicated for light and medium loads, it rolls very easily and requires low handling effort. Its has good resistance to chemicals, moderate impact, and deformation under static loads, which demonstrate an excellent cost-benefit ratio. The recommended traveling speed is up to 4km/h.

WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 158 NP	41	17	19	-	1/4"	Plain Bearing	40
R 210 NP	50	19	24				50
R 310 NP	75						60
R 410 NP	100						70

R 312 NP	75	32	38	-	5/16"	Plain Bearing	80
R 312 NPN						Plain Bearing w/ Thread Guards	
R 312 NPE						Ball Bearing w/ Thread Guards	
R 412 NP	100					Plain Bearing	90
R 412 NPN						Plain Bearing w/ Thread Guards	
R 412 NPE						Ball Bearing w/ Thread Guards	
R 512 NP	125					Plain Bearing	100
R 512 NPN						Plain Bearing w/ Thread Guards	
R 512 NPE						Ball Bearing w/ Thread Guards	
R 612 NP	150					Plain Bearing	125
R 612 NPE						Ball Bearing w/ Thread Guards	165

R 414 NPN	100	38	48	7/16"	9/16"	Nylon Bushing	125
R 414 NPE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 514 NPN	125	38		7/16"	9/16"	Nylon Bushing	150
R 514 NPE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 614 NPN	150	38		7/16"	9/16"	Nylon Bushing	165
R 614 NPE		32		-	7/16"	Ball Bearing w/ Thread Guards	








R 816 NPN	200	41	54	5/8"	7/8"	Nylon Bushing	200
R 816 NPE				7/8"	25mm	Ball Bearing	
R 916 NPN	225			5/8"	7/8"	Nylon Bushing	220
R 916 NPE				7/8"	25mm	Ball Bearing	
R 1016 NPN	250			5/8"	7/8"	Nylon Bushing	250
R 1016 NPE				7/8"	25mm	Ball Bearing	

NPP WHEEL

Polypropylene



NPP - Polypropylene. Hardness: 65 Shore D. (-20°C to +70°C). Manufactured with a single-injection recyclable polypropylene copolymer. Indicated for light loads, it rolls very easily, requires low handling effort, resists deformation under static loads, and offers an excellent cost-benefit ratio. It presents good resistance to chemicals and moderate impact. The recommended traveling speed is up to 4km/h.

WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 158 NPP	41	17	19	-	1/4"	Plain Bearing	40
R 210 NPP	50	19	24				50
R 310 NPP	75						60

R 212 NPP	64	32	38	-	5/16"	Plain Bearing w/o Thread Guards	70
R 212 NPPE						Ball Bearing w/ Thread Guards	
R 312 NPP	Plain Bearing w/o Thread Guards						
R 312 NPPE	Ball Bearing w/ Thread Guards						
R 412 NPP	100					Plain Bearing w/o Thread Guards	80
R 412 NPPE						Ball Bearing w/ Thread Guards	100
R 512 NPP	125					Plain Bearing w/o Thread Guards	
R 512 NPPE						2 Ball Bearings w/o Thread Guards	125

R 414 NPP	100	38	47	7/16"	9/16"	Plain Bearing w/o Thread Guards	125
R 414 NPPE					15mm	Ball Bearing w/o Thread Guards	
R 514 NPP	125				9/16"	Plain Bearing w/o Thread Guards	150
R 514 NPPE					15mm	Ball Bearing w/o Thread Guards	
R 614 NPP	150				9/16"	Plain Bearing w/o Thread Guards	175
R 614 NPPE					15mm	Ball Bearing w/o Thread Guards	

R 52 NPP	125	50	62	1/2"	5/8"	Plain Bearing	350			
R 52 NPPR						Roller Bearing				
R 52 NPPE						Ball Bearing				
R 62 NPP	150				50	62	1/2"	5/8"	Plain Bearing	400
R 62 NPPR									Roller Bearing	
R 62 NPPE									Ball Bearing	








NT WHEEL

Technical Nylon



NT - Technical Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured with high quality Nylon 6, both tread and core. It is light, has excellent mechanical resistance, and rolls very easily— requiring less effort in maneuvering. Ideal for applications in wet environments, it is resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.










WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 158 NT	41	17	19	-	1/4"	Plain Bearing	80
R 210 NT	50	19	24				100
R 310 NT	75						115
R 410 NT	100						
R 312 NT	75	32	38	-	5/16"	Plain Bearing	150
R 312 NTN						Plain Bearing w/ Thread Guards	
R 312 NTE						Ball Bearing w/ Thread Guards	
R 412 NT	100					Plain Bearing	170
R 412 NTN						Plain Bearing w/ Thread Guards	
R 412 NTE						Ball Bearing w/ Thread Guards	
R 512 NT	125					Plain Bearing	200
R 512 NTN						Plain Bearing w/ Thread Guards	
R 512 NTE						Ball Bearing w/ Thread Guards	
R 612 NT	150					Plain Bearing	250
R 612 NTE						Ball Bearing w/ Thread Guards	
R 414 NTN	100	38	48	7/16"	9/16"	Nylon Bushing	200
R 414 NTE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 514 NTN	125	38		7/16"	9/16"	Nylon Bushing	250
R 514 NTE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 614 NTN	150	38		7/16"	9/16"	Nylon Bushing	300
R 614 NTE		32		-	7/16"	Ball Bearing w/ Thread Guards	
R 42 NTN	100	50	62	1/2"	5/8"	Nylon Bushing	400
R 42 NTR					Roller Bearing		
R 42 NTE					Ball Bearing		
R 52 NTN	125				5/8"	Nylon Bushing	500
R 52 NTR					Roller Bearing		
R 52 NTE					Ball Bearing		
R 62 NTN	150				5/8"	Nylon Bushing	600
R 62 NTR					Roller Bearing		
R 62 NTE					Ball Bearing		
R 82 NTN	200				7/8"	Nylon Bushing	800
R 82 NTE					20mm	Ball Bearing	
R 102 NTN	250				7/8"	Nylon Bushing	1100
R 102 NTE					20mm	Ball Bearing	

NTT WHEEL

Technical Nylon



NTT - Technical Nylon. Hardness: **75 Shore D.** (-40°C to +110°C). Manufactured with single injection high quality Nylon 6. It is lightweight, provides good mechanical resistance, and rolls very easily requiring less effort in maneuvering. Under static loads, it is resistant to deformation. Ideal for applications in wet environments, it is also resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 158 NTT	41	17	19	-	1/4"	Plain Bearing	80
R 210 NTT	50	19	24				100
R 310 NTT	75						

R 212 NTT	64	32	38	-	5/16"	Plain Bearing	150
R 212 NTTE						Ball Bearing w/ Thread Guards	
R 312 NTT	75					Plain Bearing	
R 312 NTTE						Ball Bearing w/ Thread Guards	
R 412 NTT	100					Plain Bearing	170
R 412 NTTE						Ball Bearing w/ Thread Guards	
R 512 NTT	125					Plain Bearing	200
R 512 NTTE						2 Ball Bearings	

R 414 NTT	100	38	47	7/16"	9/16"	Plain Bearing w/o Thread Guards	200
R 414 NTTE					15mm	Ball Bearing w/o Thread Guards	
R 514 NTT	125				9/16"	Plain Bearing w/o Thread Guards	250
R 514 NTTE					15mm	Ball Bearing w/o Thread Guards	
R 614 NTT	150				9/16"	Plain Bearing w/o Thread Guards	300
R 614 NTTE					15mm	Ball Bearing w/o Thread Guards	








R 52 NTT	125	50	62	1/2"	5/8"	Plain Bearing	500
R 52 NTTR						Roller Bearing	
R 52 NTTE						Ball Bearing	
R 62 NTT	150				5/8"	Plain Bearing	600
R 62 NTTR						Roller Bearing	
R 62 NTTE						Ball Bearing	

NM WHEEL

Solid Nylon



NM - Solid Nylon. Hardness: 75 Shore D. (-40°C to +110°C). Manufactured from Nylon 6 rods. It is a lightweight wheel, provides good mechanical resistance, and rolls easily requiring low resistance and less effort in maneuvering. Under static loads, it is resistant to deformation. Under heavy and light loads, it maintains consistent ease of use for equipment handling. Ideal for applications in wet environments, it is resistant to chemicals, grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.









WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 63 NME	150	70	78	3/4"	25mm	Ball Bearing	1000
R 83 NME	200						1200
R 103 NME	250						1300
R 123 NME	300						1400

NHT WHEEL

Fiberglass-Reinforced Thermoplastic Compound



NHT - Fiberglass-reinforced Thermoplastic Compound. Hardness: 85 Shore D. (-20°C to +220°C). Manufactured with a fiberglass-reinforced engineering thermoplastic compound. Engineered for high and low temperature applications. It is lightweight, provides good mechanical resistance, and rolls easily — requiring less effort in maneuvering. Resistant to grease, oil, and some acids. The recommended traveling speed is up to 4km/h. Indicated time of continuous exposure at maximum temperature: 1 hour.








WHEEL											
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		Up to 180°C	180°C to 220°C			
R 158 NHT	41	17	19	-	1/4"	Plain Bearing	80	45			
R 210 NHT	50	19	24			-	1/4"			50	
R 310 NHT	75									60	
R 212 NHT	64	32	38	-	5/16"	Plain Bearing	150	70			
R 312 NHT	75										
R 412 NHT	100										
R 512 NHT	125										
R 414 NHT	100	38	47	7/16"	9/16"	Plain Bearing	200	125			
R 414 NHT E					15mm	Ball Bearing					
R 514 NHT	125				47	7/16"	9/16"	Plain Bearing	250	150	
R 514 NHT E							15mm	Ball Bearing			
R 614 NHT	150				47	7/16"	9/16"	Plain Bearing	300	175	
R 614 NHT E							15mm	Ball Bearing			
R 52 NHT	125	50	62	1/2"	5/8"	Plain Bearing	500	300			
R 52 NHT E					17mm	Ball Bearing					
R 62 NHT	150				50	62	1/2"	5/8"	Plain Bearing	600	400
R 62 NHT E								17mm	Ball Bearing		

NFV WHEEL

Fiberglass-Reinforced Nylon



NFV - Fiberglass-reinforced Nylon. Hardness: 80 Shore D. (-40°C to +180°C). Manufactured with fiberglass-reinforced Nylon 6.6. Indicated for high and low temperature applications. It is lightweight, provides good mechanical resistance, and rolls with minimal maneuvering resistance. Resistant to grease, oil, and some acids. The recommended traveling speed is up to 4km/h.








WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 158 NFV	41	17	19	-	1/4"	Plain Bearing	80
R 210 NFV	50	19	24				100
R 310 NFV	75						
R 212 NFV	64	32	38	-	5/16"	Plain Bearing	150
R 312 NFV	75						170
R 412 NFV	100						
R 512 NFV	125						
R 414 NFV	100	38	47	7/16"	9/16"	Plain Bearing	200
R 414 NFVE					15mm	Ball Bearing	
R 514 NFV	125				9/16"	Plain Bearing	250
R 514 NFVE					15mm	Ball Bearing	
R 614 NFV	150				9/16"	Plain Bearing	300
R 614 NFVE					15mm	Ball Bearing	
R 52 NFV	125	50	62	1/2"	5/8"	Plain Bearing	500
R 52 NFVE					17mm	Ball Bearing	
R 62 NFV	150				600		
R 62 NFVE						17mm	Ball Bearing

TM WHEEL

Termic



TM - Termic. Hardness: 90 Shore D. Black (0°C to +200°C), Gray (0°C to +300°C). Manufactured with phenolic resin (bakelite), molded by heat and pressure. Engineered for high temperature environment applications. It provides excellent mechanical properties, resists deformation under static loads and rolls easily. This wheel is resistant to most chemicals. The recommended traveling speed is up to 4km/h.

WHEEL Reference	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG
R 312 TM*	75	32	38	5/16"	13mm	Plain Bearing	70
R 412 TM*	100						80
R 514 TM*	125	38	48	7/16"	9/16"		150








*PS. Add the required temperature at the end of the reference. E.g.: R 312 TM 300.

BMN WHEEL

Solid Tire



BMN - Solid Tire - Polypropylene Core. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with a solid rubber tread on an injected polypropylene core. This wheel is lightweight and strong, withstands moisture, and is quiet and smooth rolling. Designed for light duty use on floors in good condition. The recommended traveling speed is up to 4km/h.

WHEEL Reference	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		Core Type	 KG
R 414 BMN	100	42	44	7/16"	5/8"	Plain Bearing	Injected	75
R 514 BMN	125							100
R 614 BMN	150	40						120

PMN WHEEL

Solid Tire



PMN - Solid Tire - Polypropylene Core. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with a solid rubber tread on an injected polypropylene core. This wheel is designed for uneven floors, where easy handling, impact absorption, and vibration damping is required. The recommended traveling speed is up to 4km/h.

WHEEL Reference	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		Core Type	 KG
R 82 PMN	200	50	62	1/2"	7/8"	Plain Bearing	Injected	140
R 92 PMN	225							

BD WHEEL

Solid Tire



BD - SolidTire - Stamped Steel Plate Core. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with a solid rubber tread on a stamped zinc-plated carbon steel core. This wheel is lightweight, durable, and provides soft and quiet rolling. Indicated for light duty on floors in good condition. The recommended traveling speed is up to 4km/h.

WHEEL							Core Type		
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve			KG	
R 312 BDN	75	32	37	5/16"	7/16"	Nylon Bushing w/ Thread Guards	Pressed Steel	50	
R 412 BDN	100							60	
R 512 BDN	125					Nylon Bushing w/o Thread Guards		80	
R 612 BDN	150							100	








R 414 BDN	100	40	47	7/16"	9/16"	Nylon Bushing w/ Thread Guards	Pressed Steel	75
R 414 BDE				-	7/16"	Ball Bearing w/ Thread Guards		
R 514 BDN	125			7/16"	9/16"	Nylon Bushing w/ Thread Guards		100
R 514 BDE				-	7/16"	Ball Bearing w/ Thread Guards		
R 614 BDN	150			7/16"	9/16"	Nylon Bushing w/ Thread Guards		120
R 614 BDE				-	7/16"	Ball Bearing w/ Thread Guards		

PM WHEEL

Solid Tire



PM - SolidTire - Stamped Steel Plate Core. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with a solid rubber tread on a stamped zinc-plated carbon steel core. This wheel is lightweight, resistant, and provides soft and quiet rolling. Indicated for light duty on floors in good condition. The recommended traveling speed is up to 4km/h.








WHEEL													
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG						
R 8200 PMN	200	40	55	-	7/8"	Nylon Bushing	140						
R 8200 PMR						Roller Bearing							
R 8200 PME					17mm	Ball Bearing							
R 9200 PMN	225				40	55	-	7/8"	Nylon Bushing	150			
R 9200 PMR									Roller Bearing				
R 9200 PME								17mm	Ball Bearing				
R 10200 PMN	250							40	55	-	7/8"	Nylon Bushing	175
R 10200 PMR												Roller Bearing	
R 10200 PME											17mm	Ball Bearing	

PM WHEEL

Solid Tire



PM - Solid Tire - Stamped Steel Plate Core. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with a solid rubber tread on a stamped carbon steel core. This wheel is maintenance-free and does not go flat. Engineered for uneven floor and passes over obstacles easily. Two piece steel core can be disassembled, for easy component replacement, which may be supplied separately. The recommended traveling speed is up to 4km/h.








WHEEL							Core Type	
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve			KG
R 2508 PMT	250	50	175	-	1"	Plain Bearing	PRESSED STEEL	200
R 2508 PMR			74			Roller Bearing		
R 2508 PME					25mm	Ball Bearing		
R 2258 PMT	300	50	175	-	1"	Plain Bearing	PRESSED STEEL	200
R 2258 PMR			74			Roller Bearing		
R 2258 PME					25mm	Ball Bearing		
R 3008 PPR	300	75	74	-	1"	Roller Bearing	INJECTED	220
R 12300 PMT	310	68	175	-	1"	Plain Bearing	PRESSED STEEL	350
R 12300 PMR			74			Roller Bearing		
R 12300 PME					25mm	Ball Bearing		
R 3308 PMT	330	77	175	-	1"	Plain Bearing	PRESSED STEEL	400
R 3308 PMR			74			Roller Bearing		
R 3308 PME					25mm	Ball Bearing		
R 15300 PMT	390	85	175	-	1"	Plain Bearing	PRESSED STEEL	450
R 15300 PMR			110			Roller Bearing		
R 15300 PME					25mm	Ball Bearing		
R 16400 PMT	405	105	175	-	1"	Plain Bearing	PRESSED STEEL	500
R 16400 PMR			110			Roller Bearing		
R 16400 PME					25mm	Ball Bearing		

PM WHEEL

Solid Tire



PM - SolidTire - Stamped Steel Plate Core. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with a solid rubber tread on a stamped zinc-plated carbon steel core. This wheel is lightweight, durable and provides soft, quiet rolling. Designed for light duty on floors in good condition. The recommended traveling speed is up to 4km/h.

WHEEL							Core Type	
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve			KG
R 2504 PMN	215	60	55	-	7/8"	Nylon Bushing	PRESSED STEEL	200
R 2504 PMR						Roller Bearing		
R 2504 PME						Ball Bearing		
R 3504 PMN	270	80			7/8"	Nylon Bushing		250
R 3504 PMR						Roller Bearing		
R 3504 PME						Ball Bearing		

RIT WHEEL








Pneumatic

RIT PC - Pneumatic - Stamped Steel Plate Core (-20°C to +50°C)

RIT PP - Pneumatic - Polypropylene Core (-20°C to +50°C)



Manufactured with tire and inner tube on a stamped zinc-plated carbon steel core or on an injected nylon core. This wheel is used for uneven floors, where easy handling, impact absorption, and vibration damping is required. It offers easy maintenance and its components can be supplied separately. The recommended traveling speed is up to 4km/h.

WHEEL							Core Type	Tire Pressure (LB/Pol²)	
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve				KG
RIT 2504 PCN	215	60	55	-	7/8"	Nylon Bushing	PRESSED STEEL	30	70
RIT 2504 PCR						Roller Bearing			
RIT 2504 PCE						Ball Bearing			
RIT 2504 PPN					7/8"	Nylon Bushing	NYLON		
RIT 2504 PPR						Roller Bearing			
RIT 2504 PPE						Ball Bearing			

RIT 3504 PCN	254	80	55	-	7/8"	Nylon Bushing	PRESSED STEEL	30	100
RIT 3504 PCR						Roller Bearing			
RIT 3504 PCE						Ball Bearing			
RIT 3504 PPN					7/8"	Nylon Bushing	NYLON		
RIT 3504 PPR						Roller Bearing			
RIT 3504 PPE						Ball Bearing			








PC - PP WHEEL

PC - Pneumatic - Stamped Steel Plate Core (-20°C to +50°C)

PP - Pneumatic - Polypropylene Core (-20°C to +50°C)



Manufactured with tire and inner tube on a stamped carbon steel with black painted core or on an injected polypropylene core. This wheel is used for uneven floors, where easy handling, impact absorption, and vibration damping is required. It offers easy maintenance and its components can be supplied separately. The recommended traveling speed is up to 4km/h.

WHEEL							Core Type	Tire Pressure (LB/Pol ²)	
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve				KG
R 3258 PCT	365	80	175	-	1"	Plain Bearing	PRESSED STEEL	35	200
R 3258 PCR			74			Roller Bearing			
R 3258 PCE						25mm			
R 3258 PPN					74	1"	Nylon Bushing		
R 3258 PPR			Roller Bearing						
R 3258 PPE			25mm			Ball Bearing			

R 3508 PCT	380	96	175	-	1"	Plain Bearing	PRESSED STEEL	50	220
R 3508 PCR			74			Roller Bearing			
R 3508 PCE					25mm	Ball Bearing			
R 3508 PPN					1"	Nylon Bushing	POLYPROPYLENE		
R 3508 PPR						Roller Bearing			
R 3508 PPE			25mm			Ball Bearing			








R 4008 PCT	400	105	175	-	1"	Plain Bearing	PRESSED STEEL	70	300
R 4008 PCR			110			Roller Bearing			
R 4008 PCE					25mm	Ball Bearing			

BIN WHEEL

Molded Rubber



BIN - Molded Rubber - Hard Rubber. Hardness: 80 Shore A. (-20°C +70°C). Manufactured with molded rubber on a hard rubber core. This wheel is a lightweight, quiet and smooth rolling. It absorbs shock and vibration and is abrasion, corrosion, and chemical resistant. The recommended traveling speed is up to 4km/h.

WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 210 BIN	50	20	24		1/4"	Nylon Bushing	50
R 310 BIN	75	22			60		
R 312 BIN		32			38		5/16"
R 412 BIN	100		38	5/16"			
R 512BIN	125	38	47	7/16"	9/16"		150
R 414 BIN	100						175
R 514 BIN	125						
R 614 BIN	150						

ALBS WHEEL

Extra Thick Molded Rubber on an Aluminum Core



ALBS: Extra Thick Molded Rubber on an Aluminum Core. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with extra thick molded rubber on an Aluminum core. This wheel offers great shock and vibration absorbing, excellent abrasion resistance and long life cycle. Corrosion and chemical resistant. The recommended traveling speed is up to 16km/h.

WHEEL TYPES

ALBSE Black
80 Shore A










ALBSE Gray
75 Shore A



ALBSE Blue
65 Shore A



WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 514 ALBSE*	125	38	47	7/16"	15mm	Ball Bearing	200
R 514 ALBSE* - 1/2"				1/2"			
R 614 ALBSE*	150			7/16"			250
R 614 ALBSE* - 1/2"				1/2"			
R 62 ALBSE*	150	50	62	1/2"	17mm		350
R 82 ALBSE*	200				20mm		400








*Add the required rubber color to the reference. E.g.: R 62 ALBSE Blue.

B WHEEL

Molded Rubber



B - Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with molded rubber tread on a cast iron core. This wheel mitigates noise pollution and provides smooth rolling. Absorbs shocks and vibrations. It is provided with zerk fitting for lubrication when assembled with roller bearings or on request. Resistant to abrasion and chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

WHEEL																									
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG																		
R 312 BN	75	32	37	5/16"	7/16"	Plain Bearing	90																		
R 312 BE					12mm	Ball Bearing																			
R 414 BN	100	38	47	7/16"	9/16"	Nylon Bushing	150																		
R 414 BR					5/8"	Roller Bearing																			
R 414 BE					15mm	Ball Bearing																			
R 514 BN	125				38	47	7/16"	9/16"	Nylon Bushing	175															
R 514 BR								5/8"	Roller Bearing																
R 514 BE								15mm	Ball Bearing																
R 614 BN	150							38	47	7/16"	9/16"	Nylon Bushing	200												
R 614 BR											5/8"	Roller Bearing													
R 614 BE											15mm	Ball Bearing													
R 42 BR	100	50	62	1/2"							5/8"	Roller Bearing	200												
R 42 BE											17mm	Ball Bearing													
R 52 BR	125				50	62	1/2"				5/8"	Roller Bearing	250												
R 52 BE											17mm	Ball Bearing													
R 62 BR	150										50	62	1/2"	5/8"	Roller Bearing	300									
R 62 BE								17mm	Ball Bearing																
R 72 BR	175							50	62	1/2"				5/8"	Roller Bearing	325									
R 72 BE														17mm	Ball Bearing										
R 82 BR	200													50	62	1/2"	7/8"	Roller Bearing	350						
R 82 BE																	20mm	Ball Bearing							
R 92 BR	225																50	62	1/2"	7/8"	Roller Bearing	400			
R 92 BE																				20mm	Ball Bearing				
R 102 BR	250																			50	62	1/2"	7/8"	Roller Bearing	450
R 102 BE																							20mm	Ball Bearing	
R 63 BR	150	70	78	3/4"																			1"	Roller Bearing	400
R 63 BE					25mm	Ball Bearing																			
R 83 BR	200				70	78	3/4"																1"	Roller Bearing	500
R 83 BE											25mm	Ball Bearing													
R 103 BR	250										70	78	3/4"										1"	Roller Bearing	600
R 103 BE								25mm	Ball Bearing																
R 123 BR	300							70	78	3/4"													1"	Roller Bearing	750
R 123 BE														25mm	Ball Bearing										
R 64 BE	150	100	110	3/4"										25mm	Ball Bearing	500									
R 84 BE	200				650																				
R 104 BE	250				800																				
R 124 BE	300				1000																				
R 165 BE	400	125	134	1"	35mm	Ball Bearing	1500																		
R 205 BE	500				40mm		1600																		

BS WHEEL

Extra Thick Molded Rubber



BS - Extra Thick Molded Rubber. Hardness: 80 Shore A. (-20°C to +70°C). Manufactured with an extra thick molded rubber tread on a cast iron core. Ideal for outdoor flooring applications, this wheel offers great shock and vibration absorption, high resistance to abrasion and longer service life due to its extra thick rubber layer. Resistant to chemicals. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.

WHEEL TYPES

BSE Black

80 Shore A
up to 20km/h



BSE Gray








75 Shore A
up to 16km/h



BSE Blue

65 Shore A
up to 16km/h



WHEEL Reference	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG
R 514 BSE*	125	38	47	7/16"	15mm	Ball Bearing	200
R 614 BSE*	150						250
R 52 BSE*	125	50	62	1/2"	17mm	Ball Bearing	300
R 62 BSE*	150						350
R 82 BSE*	200				20mm		400
R 102 BSE*	250						500
R 83 BSE*	200	70	78	3/4"	25mm	Ball Bearing	600
R 103 BSE*	250						700
R 123 BSE*	300						900
R 84 BSE*	200	100	110	3/4"	25mm	Ball Bearing	750
R 104 BSE*	250						900
R 124 BSE*	300	95	100		30mm		1200
R 165 BSE*	400	125	134	1"	35mm	Ball Bearing	1500

*Add the required rubber color to the reference. E.g.: R 62 BSE Blue.










NU WHEEL

Molded Polyurethane



NU - Molded Polyurethane on a Nylon Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an injected nylon core. The mechanical bond system ensures excellent resistance and service life. Ideal for applications on various surface and environment types. This wheel is lightweight, withstands high loads, protects the floor, requires low effort to handle, and produces a low operating noise level. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 4km/h.








WHEEL															
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG								
R 210 NU	50	19	24	-	1/4"	Plain Bearing	60								
R 310 NU	75						80								
R 410 NU	100						100								
R 312 NU	75	32	38	-	5/16"	Plain Bearing	150								
R 312 NUN						Plain Bearing w/ Thread Guards									
R 312 NUE						Ball Bearing w/ Thread Guards									
R 412 NU	100					38	-	5/16"	Plain Bearing	170					
R 412 NUN									Plain Bearing w/ Thread Guards						
R 412 NUE									Ball Bearing w/ Thread Guards						
R 512 NU	125					32	38	-	5/16"	Plain Bearing	200				
R 512 NUN										Plain Bearing w/ Thread Guards					
R 512 NUE										Ball Bearing w/ Thread Guards					
R 612 NU	150									32	38	-	5/16"	Plain Bearing	250
R 612 NUE														Ball Bearing w/ Thread Guards	
R 612 NUE														Ball Bearing w/ Thread Guards	300
R 414 NUN	100	38	48	7/16"	9/16"									Nylon Bushing	200
R 414 NUE		32		-	7/16"									Ball Bearing w/ Thread Guards	
R 514 NUN	125	38		7/16"	9/16"									Nylon Bushing	250
R 514 NUE		32		-	7/16"									Ball Bearing w/ Thread Guards	
R 614 NUN	150	38		7/16"	9/16"									Nylon Bushing	300
R 614 NUE		32		-	7/16"	Ball Bearing w/ Thread Guards									
R 816 NUN	200	41	54	5/8"	7/8"	Nylon Bushing	400								
R 816 NUE				7/8"	25mm	Ball Bearing									
R 916 NUN	225			5/8"	7/8"	Nylon Bushing	450								
R 916 NUE				7/8"	25mm	Ball Bearing									
R 1016 NUN	250			5/8"	7/8"	Nylon Bushing	500								
R 1016 NUE				7/8"	25mm	Ball Bearing									
R 42 NUN	100	50	62	1/2"	5/8"	Nylon Bushing	400								
R 42 NUR					17mm	Roller Bearing									
R 42 NUE					17mm	Ball Bearing									
R 52 NUN	125				5/8"	Nylon Bushing	500								
R 52 NUR					17mm	Roller Bearing									
R 52 NUE					17mm	Ball Bearing									
R 62 NUN	150				5/8"	Nylon Bushing	600								
R 62 NUR					17mm	Roller Bearing									
R 62 NUE					17mm	Ball Bearing									
R 82 NUN	200				7/8"	Nylon Bushing	700								
R 82 NUE					20mm	Ball Bearing									
R 102 NUN	250				7/8"	Nylon Bushing	800								
R 102 NUE					20mm	Ball Bearing									

ALP WHEEL

Molded Polyurethane on an Aluminum Core



ALP: Molded Polyurethane on an Aluminum Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant and is ideal for applications involving diverse floor types and environments. Capable for high loads, is very durable, protects the floor, requires low push-pull force, and provides a quiet roll. Excellent resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be towed at speeds up to 6 km/h when mounted with selected ball bearings and appropriate rig.

WHEEL Reference	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG
R 312 ALPN	75	32	38	5/16"	7/16"	Nylon Bushing	200
R 312 ALPE					12mm	Ball Bearing	
R 414 ALPN	100	38	47	7/16"	9/16"	Nylon Bushing	350
R 414 ALPE					15mm	Ball Bearing	
R 414 ALPE - 1/2"	125	38	47	1/2"	9/16"	Nylon Bushing	400
R 514 ALPN				7/16"	15mm	Ball Bearing	
R 514 ALPE	150	50	62	1/2"	9/16"	Nylon Bushing	450
R 514 ALPE - 1/2"					15mm	Ball Bearing	
R 614 ALPN	125	50	62	1/2"	17mm	Ball Bearing	500
R 614 ALPE					20mm		650
R 614 ALPE - 1/2"	200						850

ALBC - ALAC WHEELS

ALBC - Round Molded Polyurethane on an Aluminum Core










ALBC



ALAC










ALBC: Round Molded Polyurethane on an Aluminum Core. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on an Aluminum core. The round tread offers less friction with the floor surface, creating easy maneuvering, low push-pull force, and reduced noise levels. It is lightweight and corrosion resistant. This wheel offers great durability, excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 16 km/h when mounted with selected ball bearings and appropriate rig.

WHEEL Reference	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG
R 62 ALBCE	150	50	62	1/2"	17mm	Ball Bearing	550
R 82 ALBCE	200				20mm		650

ALAC - Round Molded High Hardness Polyurethane on an Aluminum Core

ALAC - Round Molded High Hardness Polyurethane. Hardness: 60 Shore D. (-40°C to +80°C). Manufactured with a high hardness molded polyurethane on the aluminum core. The round tread offers less friction with the floor surface, making movement and maneuvering easy and low push-pull force. Ideal for severe applications on various surface and environment types. This wheel withstands heavy loads and protects the floor. It produces a low noise level when rolling and has an excellent service life. Excellent mechanical resistance. Resistant to abrasion, impacts, inclement weather and chemicals, such as greases, oils, salts and solvents. It can be used at a speed up to 16km/h when mounted with selected ball bearings and appropriate rig.

WHEEL Reference	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG
R 62 ALACE	150	50	62	1/2"	17mm	Ball Bearing	550
R 82 ALACE	200				20mm		650









ALP SOFT WHEEL

Molded Soft Polyurethane on an Aluminum Core



ALP SOFT: Molded Soft Polyurethane on an Aluminum Core. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It can handle high loads and protects the floor. It offers a low push-pull force, quiet operation, and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 6 km/h when mounted with selected ball bearings and appropriate rig.








WHEEL Reference	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG
R 312 ALPN SOFT	75	32	38	5/16"	7/16"	Nylon Bushing	125
R 312 ALPE SOFT					12mm	Ball Bearing	
R 414 ALPN SOFT	100	38	47	7/16"	9/16"	Nylon Bushing	200
R 414 ALPE SOFT					15mm	Ball Bearing	
R 414 ALPE SOFT - 1/2"				1/2"	15mm	Ball Bearing	
R 514 ALPN SOFT	125	38	47	7/16"	9/16"	Nylon Bushing	225
R 514 ALPE SOFT					15mm	Ball Bearing	
R 514 ALPE SOFT - 1/2"	150	50	62	7/16"	9/16"	Nylon Bushing	250
R 614 ALPN SOFT					15mm	Ball Bearing	
R 614 ALPE SOFT				1/2"	15mm	Ball Bearing	
R 52 ALPE SOFT	125	50	62	1/2"	17mm	Ball Bearing	300
R 62 ALPE SOFT	150				17mm		350
R 82 ALPE SOFT	200				20mm		400

ALPSS SOFT WHEEL

Extra Thick Molded Soft Polyurethane on an Aluminum Core



ALPSS SOFT: Extra Thick Molded Soft Polyurethane on an Aluminum Core Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with premium, extra thick, molded soft polyurethane on an Aluminum core. This wheel is lightweight and corrosion resistant. Ideal for applications in the most diverse floor types and environments. It withstands high loads, protects the floor, has a low push-pull force, low noise level and provides great durability and high vibration absorption. Excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 16 km/h when mounted with selected ball bearings and appropriate rig.








WHEEL	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG
Reference							
R 514 ALPSSE SOFT	125	38	47	7/16"	15mm	Ball Bearing	350
R 514 ALPSSE SOFT - 1/2"				1/2"			
R 614 ALPSSE SOFT	150			7/16"			400
R 614 ALPSSE SOFT - 1/2"				1/2"			
R 62 ALPSSE SOFT	150	50	62	1/2"	17mm		550
R 82 ALPSSE SOFT	200				20mm		700

P WHEEL

Molded Polyurethane



P - Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Ideal for applications on various surface and environment types. This wheel handles high loads, protects the floor, provides excellent ergonomics, produces low noise pollution during operation and has an excellent service life. It has great resistance to abrasion, impact, inclement weather, and chemicals such as grease, oil, salt, and solvents. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.

WHEEL	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG			
Reference										
R 312 PN	75	32	37	5/16"	7/16"	Plain Bearing	200			
R 312 PR					1/2"	Roller Bearing				
R 312 PE					12mm	Ball Bearing				
R 414 PN	100	38	47	7/16"	9/16"	Nylon Bushing	350			
R 414 PR					5/8"	Roller Bearing				
R 414 PE					15mm	Ball Bearing				
R 514 PN	125				9/16"	Nylon Bushing	400			
R 514 PR					5/8"	Roller Bearing				
R 514 PE					15mm	Ball Bearing				
R 614 PN	150	38	47	7/16"	9/16"	Nylon Bushing	450			
R 614 PR					5/8"	Roller Bearing				
R 614 PE					15mm	Ball Bearing				
R 42 PN	100				50	62	1/2"	5/8"	Nylon Bushing	500
R 42 PR								17mm	Roller Bearing	
R 42 PE		17mm	Ball Bearing							
R 52 PN	125	5/8"	Nylon Bushing	600						
R 52 PR		17mm	Roller Bearing							
R 52 PE		17mm	Ball Bearing							
R 62 PN	150	5/8"	Nylon Bushing	700						
R 62 PR		17mm	Roller Bearing							
R 62 PE		17mm	Ball Bearing							
R 72 PN	175	5/8"	Nylon Bushing	800						
R 72 PR		17mm	Roller Bearing							
R 72 PE		17mm	Ball Bearing							
R 82 PN	200	7/8"	Nylon Bushing	900						
R 82 PR		20mm	Roller Bearing							
R 82 PE		20mm	Ball Bearing							
R 92 PN	225	7/8"	Nylon Bushing	1000						
R 92 PR		20mm	Roller Bearing							
R 92 PE		20mm	Ball Bearing							
R 102 PN	250	7/8"	Nylon Bushing	1200						
R 102 PR		20mm	Roller Bearing							
R 102 PE		20mm	Ball Bearing							
R 122 PN	300	7/8"	Nylon Bushing	1300						
R 122 PR		20mm	Roller Bearing							
R 122 PE		20mm	Ball Bearing							
R 63 PR	150	70	78	3/4"	1"	Roller Bearing	1000			
R 63 PE					25mm	Ball Bearing				
R 83 PR	200				1"	Roller Bearing	1200			
R 83 PE					25mm	Ball Bearing				
R 103 PR	250				1"	Roller Bearing	1300			
R 103 PE					25mm	Ball Bearing				
R 123 PR	300				1"	Roller Bearing	1400			
R 123 PE					25mm	Ball Bearing				
R 64 PE	150	100	110	3/4"	25mm	Ball Bearing	1200			
R 84 PE	200						1400			
R 104 PE	250						1800			
R 124 PE	300						2000			
R 165 PE	400	125	134	1"	35mm	Ball Bearing	2800			
R 205 PE	500				40mm		3000			










PAC WHEEL

Molded Polyurethane

High Hardness



PAC - Molded Polyurethane - High Hardness. Hardness: 60 Shore D. (-40°C to +80°C). Manufactured with molded high hardness polyurethane on the cast iron core. Ideal for more extreme applications involving various surface and environment types. This wheel has excellent mechanical resistance, withstands heavy loads, protects the floor, and provides low rolling resistance for easier equipment maneuverability and handling. It has a low operating noise level and has an excellent service life. It is resistant to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be used at speeds up to 20km/h when mounted with selected ball bearings and appropriate rig.

WHEEL																															
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG																								
R 312 PACN	75	32	37	5/16"	7/16"	Plain Bearing	200																								
R 312 PACR					1/2"	Roller Bearing																									
R 312 PACE					12mm	Ball Bearing																									
R 414 PACN	100	38	47	7/16"	9/16"	Nylon Bushing	350																								
R 414 PACR					5/8"	Roller Bearing																									
R 414 PACE					15mm	Ball Bearing																									
R 514 PACN	125				38	47	7/16"	9/16"	Nylon Bushing	400																					
R 514 PACR								5/8"	Roller Bearing																						
R 514 PACE								15mm	Ball Bearing																						
R 614 PACN	150							38	47	7/16"	9/16"	Nylon Bushing	450																		
R 614 PACR											5/8"	Roller Bearing																			
R 614 PACE											15mm	Ball Bearing																			
R 42 PACN	100	50	62	1/2"							5/8"	Nylon Bushing	500																		
R 42 PACR											17mm	Roller Bearing																			
R 42 PACE					17mm	Ball Bearing																									
R 52 PACN	125				50	62	1/2"				5/8"	Nylon Bushing	600																		
R 52 PACR											17mm	Roller Bearing																			
R 52 PACE								17mm	Ball Bearing																						
R 62 PACN	150							50	62	1/2"	5/8"	Nylon Bushing	700																		
R 62 PACR											17mm	Roller Bearing																			
R 62 PACE											17mm	Ball Bearing																			
R 72 PACN	175										50	62	1/2"	5/8"	Nylon Bushing	800															
R 72 PACR														17mm	Roller Bearing																
R 72 PACE														17mm	Ball Bearing																
R 82 PACN	200													50	62	1/2"	7/8"	Nylon Bushing	900												
R 82 PACR																	20mm	Roller Bearing													
R 82 PACE																	20mm	Ball Bearing													
R 92 PACN	225																50	62	1/2"	7/8"	Nylon Bushing	1000									
R 92 PACR																				20mm	Roller Bearing										
R 92 PACE																				20mm	Ball Bearing										
R 102 PACN	250																			50	62	1/2"	7/8"	Nylon Bushing	1200						
R 102 PACR																							20mm	Roller Bearing							
R 102 PACE																							20mm	Ball Bearing							
R 122 PACN	300																						50	62	1/2"	7/8"	Nylon Bushing	1300			
R 122 PACR																										20mm	Roller Bearing				
R 122 PACE																										20mm	Ball Bearing				
R 63 PACR	150	70	78	3/4"																						1"	Roller Bearing	1000			
R 63 PACE																										25mm	Ball Bearing				
R 83 PACR	200				70	78	3/4"																			1"	Roller Bearing	1200			
R 83 PACE																										25mm	Ball Bearing				
R 103 PACR	250																									70	78	3/4"	1"	Roller Bearing	1300
R 103 PACE								25mm	Ball Bearing																						
R 123 PACR	300							70	78	3/4"																			1"	Roller Bearing	1400
R 123 PACE																													25mm	Ball Bearing	
R 64 PACE	150	100	110	3/4"							25mm	Ball Bearing	1200																		
R 84 PACE	200				1400																										
R 104 PACE	250				1800																										
R 124 PACE	300				2000																										
R 165 PACE	400	125	134	1"	35mm	Ball Bearing	2800																								
R 205 PACE	500				40mm		3000																								








PHP WHEEL

Molded Polyurethane

High Performance



PHP - Molded Polyurethane - High Performance. Hardness: 95 Shore A. (-40°C to +100°C). Manufactured with a molded high performance polyurethane on the cast iron core. Ideal for applications involving various surface and environment types. This wheel offers excellent results with towed equipment. It is capable of high loads, protects the floor, provides great ergonomic rolling, produces low noise level during handling, has an excellent resistance to tearing, impact and abrasion all while providing superior service life. It has excellent resistance to inclement weather and compounds such as grease, oil, salt, and solvents. It can be used at a speed up to 30km/h when mounted with selected ball bearings and appropriate rig.

WHEEL																															
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG																								
R 312 PHPN	75	32	37	5/16"	7/16"	Plain Bearing	200																								
R 312 PHPR					1/2"	Roller Bearing																									
R 312 PHPE					12mm	Ball Bearing																									
R 414 PHPN	100	38	47	7/16"	9/16"	Nylon Bushing	350																								
R 414 PHPR					5/8"	Roller Bearing																									
R 414 PHPE					15mm	Ball Bearing																									
R 514 PHPN	125				38	47	7/16"	9/16"	Nylon Bushing	400																					
R 514 PHPR								5/8"	Roller Bearing																						
R 514 PHPE								15mm	Ball Bearing																						
R 614 PHPN	150							38	47	7/16"	9/16"	Nylon Bushing	450																		
R 614 PHPR											5/8"	Roller Bearing																			
R 614 PHPE											15mm	Ball Bearing																			
R 42 PHPN	100	50	62	1/2"							5/8"	Nylon Bushing	500																		
R 42 PHPR											17mm	Roller Bearing																			
R 42 PHPE					17mm	Ball Bearing																									
R 52 PHPN	125				50	62	1/2"				5/8"	Nylon Bushing	600																		
R 52 PHPR											17mm	Roller Bearing																			
R 52 PHPE								17mm	Ball Bearing																						
R 62 PHPN	150							50	62	1/2"	5/8"	Nylon Bushing	700																		
R 62 PHPR											17mm	Roller Bearing																			
R 62 PHPE											17mm	Ball Bearing																			
R 72 PHPN	175										50	62	1/2"	5/8"	Nylon Bushing	800															
R 72 PHPR														17mm	Roller Bearing																
R 72 PHPE														17mm	Ball Bearing																
R 82 PHPN	200													50	62	1/2"	7/8"	Nylon Bushing	900												
R 82 PHPR																	20mm	Roller Bearing													
R 82 PHPE																	20mm	Ball Bearing													
R 92 PHPN	225																50	62	1/2"	7/8"	Nylon Bushing	1000									
R 92 PHPR																				20mm	Roller Bearing										
R 92 PHPE																				20mm	Ball Bearing										
R 102 PHPN	250																			50	62	1/2"	7/8"	Nylon Bushing	1200						
R 102 PHPR																							20mm	Roller Bearing							
R 102 PHPE																							20mm	Ball Bearing							
R 122 PHPN	300																						50	62	1/2"	7/8"	Nylon Bushing	1300			
R 122 PHPR																										20mm	Roller Bearing				
R 122 PHPE																										20mm	Ball Bearing				
R 63 PHPR	150	70	78	3/4"																						1"	Roller Bearing	1000			
R 63 PHPE																										25mm	Ball Bearing				
R 83 PHPR	200				70	78	3/4"																			1"	Roller Bearing	1200			
R 83 PHPE																										25mm	Ball Bearing				
R 103 PHPR	250																									70	78	3/4"	1"	Roller Bearing	1300
R 103 PHPE								25mm	Ball Bearing																						
R 123 PHPR	300							70	78	3/4"																			1"	Roller Bearing	1400
R 123 PHPE																													25mm	Ball Bearing	
R 64 PHPE	150	100	110	3/4"							25mm	Ball Bearing	1200																		
R 84 PHPE	200					1400																									
R 104 PHPE	250					1800																									
R 124 PHPE	300				30mm	2000																									
R 165 PHPE	400	125	134	1"	35mm	Ball Bearing	2800																								
R 205 PHPE	500				40mm		3000																								










P SOFT WHEEL

Molded Soft Polyurethane



P SOFT - Molded Soft Polyurethane. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with high-resilience molded soft polyurethane on a cast iron core. Ideal for applications involving many diverse floor types and environments. It withstands high loads, protects the floor, offers low push-pull force, has a low noise level, and provides great durability and high vibration absorption. It has excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 6 km/h when mounted with selected ball bearings and appropriate rig.








WHEEL																									
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG																		
R 312 PN SOFT	75	32	32	5/16"	7/16"	Plain Bearing	125																		
R 312 PR SOFT					1/2"	Roller Bearing																			
R 312 PE SOFT					12mm	Ball Bearing																			
R 414 PN SOFT	100	38	47	7/16"	9/16"	Nylon Bushing	200																		
R 414 PR SOFT					5/8"	Roller Bearing																			
R 414 PE SOFT					15mm	Ball Bearing																			
R 514 PN SOFT	125				38	47	7/16"	9/16"	Nylon Bushing	225															
R 514 PR SOFT								5/8"	Roller Bearing																
R 514 PE SOFT								15mm	Ball Bearing																
R 614 PN SOFT	150							38	47	7/16"	9/16"	Nylon Bushing	450												
R 614 PR SOFT											5/8"	Roller Bearing													
R 614 PE SOFT											15mm	Ball Bearing													
R 42 PN SOFT	100	50	62	1/2"							5/8"	Nylon Bushing	275												
R 42 PR SOFT												Roller Bearing													
R 42 PE SOFT					17mm	Ball Bearing																			
R 52 PN SOFT	125				50	62	1/2"				5/8"	Nylon Bushing	300												
R 52 PR SOFT												Roller Bearing													
R 52 PE SOFT								17mm	Ball Bearing																
R 62 PN SOFT	150							50	62	1/2"	5/8"	Nylon Bushing	350												
R 62 PR SOFT												Roller Bearing													
R 62 PE SOFT											17mm	Ball Bearing													
R 72 PN SOFT	175										50	62	1/2"	5/8"	Nylon Bushing	375									
R 72 PR SOFT															Roller Bearing										
R 72 PE SOFT														17mm	Ball Bearing										
R 82 PN SOFT	200													50	62	1/2"	7/8"	Nylon Bushing	400						
R 82 PR SOFT																		Roller Bearing							
R 82 PE SOFT																	20mm	Ball Bearing							
R 92 PN SOFT	225																50	62	1/2"	7/8"	Nylon Bushing	500			
R 92 PR SOFT																					Roller Bearing				
R 92 PE SOFT																				20mm	Ball Bearing				
R 102 PN SOFT	250																			50	62	1/2"	7/8"	Nylon Bushing	700
R 102 PR SOFT																								Roller Bearing	
R 102 PE SOFT																							20mm	Ball Bearing	
R 63 PR SOFT	150	70	62	3/4"																			1"	Roller Bearing	500
R 63 PE SOFT																							25mm	Ball Bearing	
R 83 PR SOFT	200				70	62	3/4"																1"	Roller Bearing	600
R 83 PE SOFT																							25mm	Ball Bearing	
R 103 PR SOFT	250																						70	62	3/4"
R 103 PE SOFT								25mm	Ball Bearing																

PSS SOFT WHEEL

Extra Thick Molded Soft Polyurethane



PSS SOFT - Extra Thick Molded Soft Polyurethane. Hardness: 75 Shore A. (-40°C to +80°C). Manufactured with high-resilience extra thick molded soft polyurethane on cast iron core. Ideal for applications in the most diverse floor types and environments. It withstands high loads and protects the floor. It requires a low push-pull force, produces a low noise level, and provides great durability and high vibration absorption. It has excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. It can be towed at speeds up to 16 km/h when mounted with selected ball bearings and appropriate rig.

WHEEL Reference	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG
R 514 PSSE SOFT	125	38	47	7/16"	15mm	Ball Bearing	350
R 614 PSSE SOFT	150					Ball Bearing	400

R 52 PSSE SOFT	125	50	62	1/2"	17mm	Ball Bearing	450
R 62 PSSE SOFT	150					Ball Bearing	550
R 82 PSSE SOFT	200				20mm	Ball Bearing	700
R 102 PSSE SOFT	250					Ball Bearing	850








R 63 PSSE SOFT	150	70	78	3/4"	25mm	Ball Bearing	750
R 83 PSSE SOFT	200					Ball Bearing	900
R 103 PSSE SOFT	250					Ball Bearing	1000

BC WHEEL

Round Molded Polyurethane



BC - Round Molded Polyurethane. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. Round tread profile offers reduced floor contact area providing less maneuvering resistance, reducing handling effort, and a low noise pollution level. This wheel offers a superior service life due to the larger than conventional extra thick polyurethane. It has an excellent resistance to abrasion, impact, inclement weather and chemicals such as grease, oil, salt, and solvents. It can be used at a speed up to 20km/h when mounted with selected ball bearings and appropriate rig.








WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 42 BCE	100	50	55	1/2"	17mm	Ball Bearing	400
R 52 BCE	125						450
R 62 BCE	150						550
R 82 BCE	200				20mm		650
R 102 BCE	250						700
R 122 BCE	300						800

AC WHEEL

Round Molded High Hardness Polyurethane



AC - Round Molded High Hardness Polyurethane. Hardness: 60 Shore D. (-40°C to +80°C). Manufactured with a green high durometer molded polyurethane on a cast iron core. Round tread profile offers a reduced floor contact area for easy handling and maneuvering, reduced handling effort, and a low rolling noise level. This wheel offers a superior service life due to the larger than conventional extra thick polyurethane. It has excellent resistance to abrasion, impact, weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 20km/h when mounted with selected ball bearings and appropriate rig.








WHEEL							
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 42 ACE	100	50	55	1/2"	17mm	Ball Bearing	400
R 52 ACE	125						450
R 62 ACE	150						550
R 82 ACE	200				650		
R 102 ACE	250				700		
R 122 ACE	300				800		

C WHEEL

Phenolic Resin



C - Phenolic Resin. Hardness: 103 Rockwell M. (-30°C to +120°C). Manufactured with a compound obtained from macerated cotton fibers drenched with phenolic resin, molded by heat and pressure. This wheel has excellent mechanical properties, is lightweight and rugged, resistant to deformation under static loads, and rolls easily. It can be used over a wide temperature range. Resistant to mild oils, grease, and acids in low concentrations. Not recommended for applications in wet environments or in contact with alkaline substances (e.g., caustic soda, chlorine, cleaning products, soap, and detergent). The recommended traveling speed is up to 4km/h.

WHEEL Reference	 (mm)	 (mm)	 (mm)	 Axle Ø w/ sleeve	 Axle Ø w/o sleeve		 KG
R 210 C	50	19	24	-	1/4"	Plain Bearing	85
R 312 C	75	32	37	5/16"	7/16"		150

R 414 C	100	38	44	7/16"	9/16"	Plain Bearing	200
R 514 C	125						300
R 614 C	150						400

R 52 CR	125	50	62	1/2"	5/8"	Roller Bearing	500
R 52 CE					17mm	Ball Bearing	
R 62 CR	150				5/8"	Roller Bearing	600
R 62 CE					17mm	Ball Bearing	
R 82 CR	200				7/8"	Roller Bearing	800
R 82 CE					20mm	Ball Bearing	

R 63 CR	150	70	78	3/4"	1"	Roller Bearing	800
R 63 CE					25mm	Ball Bearing	
R 83 CR	200				1"	Roller Bearing	1000
R 83 CE					25mm	Ball Bearing	








R 124 CE	300	100	110	3/4"	30mm	Ball Bearing	1700
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F WHEEL

Cast Iron



F - Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron. This wheel rolls easily and offers a great reduction in handling effort. It is very resilient and withstands high loads and temperatures. It is not indicated for applications where noise levels and floor maintenance are required. The recommended traveling speed is up to 4km/h.

WHEEL									
Reference	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG		
R 312 FN	75	32	37	5/16"	7/16"	Plain Bearing	200		
R 414 FN	100	38	47	7/16"	9/16"	Plain Bearing	350		
R 414 FR					5/8"	Roller Bearing			
R 414 FE					15mm	Ball Bearing			
R 514 FN	125				47	7/16"	9/16"	Plain Bearing	400
R 514 FR							5/8"	Roller Bearing	
R 514 FE							15mm	Ball Bearing	
R 614 FN	150						9/16"	Plain Bearing	450
R 614 FR							5/8"	Roller Bearing	
R 614 FE							15mm	Ball Bearing	
R 42 FR	100	50	62	1/2"	5/8"	Roller Bearing	500		
R 42 FE					17mm	Ball Bearing			
R 52 FR	125				5/8"	Roller Bearing	600		
R 52 FE					17mm	Ball Bearing			
R 62 FR	150				5/8"	Roller Bearing	700		
R 62 FE					17mm	Ball Bearing			
R 72 FR	175				5/8"	Roller Bearing	800		
R 72 FE					17mm	Ball Bearing			
R 82 FR	200				7/8"	Roller Bearing	900		
R 82 FE					20mm	Ball Bearing			
R 92 FR	225				7/8"	Roller Bearing	1000		
R 92 FE					20mm	Ball Bearing			
R 102 FR	250				7/8"	Roller Bearing	1200		
R 102 FE					20mm	Ball Bearing			
R 63 FR	150	70	78	3/4"	1"	Roller Bearing	1000		
R 63 FE					25mm	Ball Bearing			
R 83 FR	200				1"	Roller Bearing	1200		
R 83 FE					25mm	Ball Bearing			
R 103 FR	250				1"	Roller Bearing	1300		
R 103 FE					25mm	Ball Bearing			
R 123 FR	300				1"	Roller Bearing	1400		
R 123 FE					25mm	Ball Bearing			
R 64 FE	150	100	110	3/4"	25mm	Ball Bearing	1200		
R 84 FE	200						1400		
R 104 FE	250						1800		
R 124 FE	300				30mm		2000		
R 145 FE	350	125	134	1"	35mm	Ball Bearing	2800		
R 185 FE	450				40mm		3000		

V - GROOVED WHEEL

Cast Iron - V-Grooved



V-Grooved Cast Iron. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron, it features a V-groove on the tread. Designed to be mounted on angle bars, it rolls very easily, offering a great reduction in handling effort. This wheel is very strong — withstands high loads and temperatures.










WHEEL									
Reference	(mm)	(mm)	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 42 VR	100	50	62	22	11	1/2"	5/8"	Roller Bearing	450
R 42 VE							17mm	Ball Bearing	
R 52 VR	125						5/8"	Roller Bearing	500
R 52 VE							17mm	Ball Bearing	
R 62 VR	150						5/8"	Roller Bearing	600
R 62 VE							17mm	Ball Bearing	
R 82 VR	200						7/8"	Roller Bearing	800
R 82 VE							20mm	Ball Bearing	
R 102 VR	250						7/8"	Roller Bearing	1000
R 102 VE							20mm	Ball Bearing	
R 63 VR	150	70	78	42	21	3/4"	1"	Roller Bearing	900
R 63 VE							25mm	Ball Bearing	
R 83 VR	200						1"	Roller Bearing	1100
R 83 VE							25mm	Ball Bearing	
R 103 VR	250						1"	Roller Bearing	1200
R 103 VE							25mm	Ball Bearing	
R 123 VR	300						1"	Roller Bearing	1300
R 123 VE							25mm	Ball Bearing	

DV - SINGLE FLANGED WHEEL

Cast Iron Single Flanged






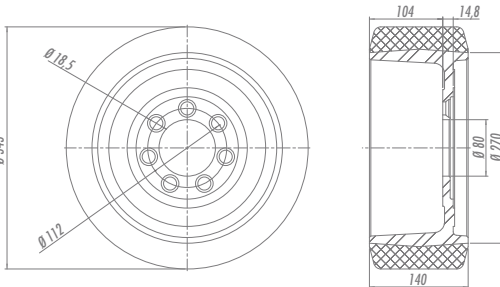

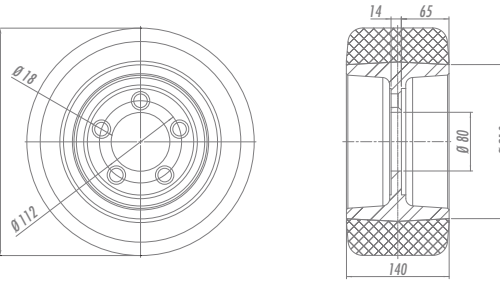

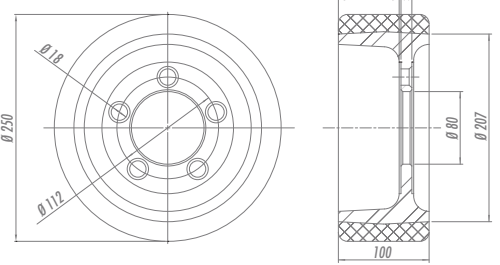

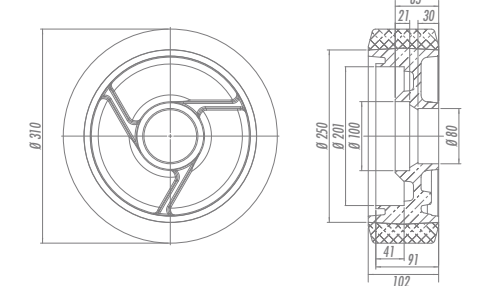

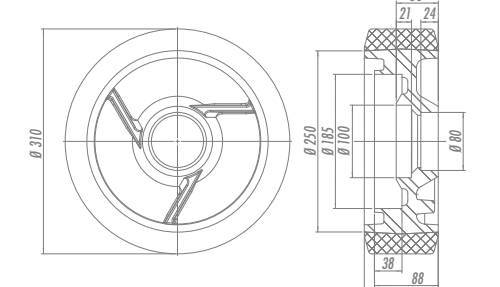
DV-Decauville - Cast Iron Single Flanged. Hardness: 160 Brinell. (-40°C to +400°C). Manufactured with grey cast iron, it has a single flange on the tread side. It is designed to be mounted on rails or girders. It rolls easily and offers a great reduction in handling effort. This wheel is very strong — withstands high loads and temperatures.

WHEEL									
Reference	(mm)	(mm)	(mm)	(mm)	(mm)	Axle Ø w/ sleeve	Axle Ø w/o sleeve		KG
R 42 DVR	100	50	70	124	60	-	7/8"	Roller Bearing	550
R 42 DVE							20mm	Ball Bearing	
R 52 DVR	125			150			7/8"	Roller Bearing	600
R 52 DVE							20mm	Ball Bearing	
R 62 DVR	150			185			7/8"	Roller Bearing	700
R 62 DVE							20mm	Ball Bearing	
R 82 DVR	200			240			1"	Roller Bearing	900
R 82 DVE							25mm	Ball Bearing	
R 102 DVR	250			290			1"	Roller Bearing	1200
R 102 DVE							25mm	Ball Bearing	
R 122 DVR	300			340			1"	Roller Bearing	1400
R 122 DVE							25mm	Ball Bearing	
R 63 DVR	150	65	84	185	80	-	1"	Roller Bearing	1000
R 63 DVE							25mm	Ball Bearing	
R 83 DVR	200			240			1"	Roller Bearing	1200
R 83 DVE							25mm	Ball Bearing	
R 103 DVR	250			290			1"	Roller Bearing	1400
R 103 DVE							25mm	Ball Bearing	
R 123 DVR	300			340			1"	Roller Bearing	1600
R 123 DVE							25mm	Ball Bearing	




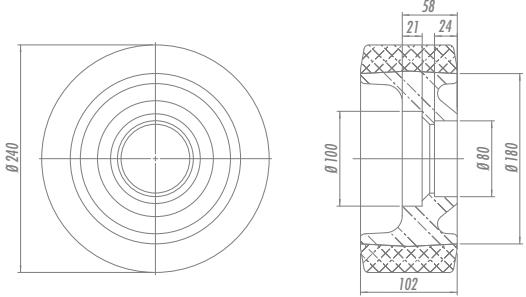

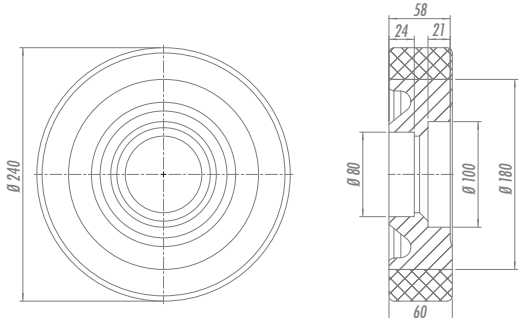

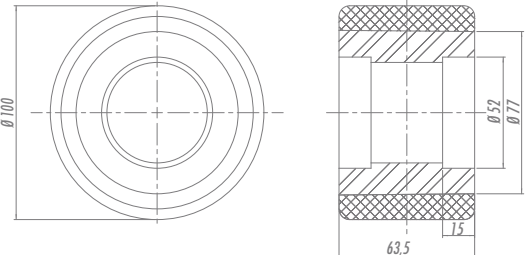

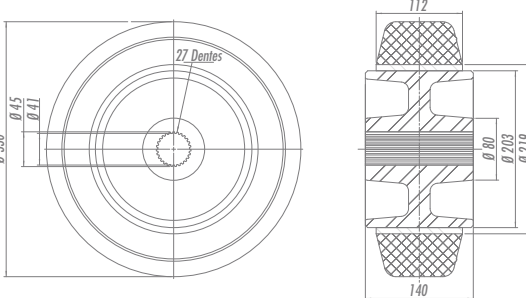
WHEELS FOR ELECTRIC FORKLIFTS

Molded High Performance Polyurethane

PHP - Molded High Performance Polyurethane. Hardness: 95 Shore A. (-40°C to +100°C). Manufactured with a molded high performance polyurethane on a cast iron core. The PHP-Forklift tread ensures exceptional performance and durability for safe operation.

	Reference	Equipment	 (mm)	 (mm)	Drawing
	REM 343.140 PHP - PL	PR20 TRACTION	343	140	
	REM 310.140 PHP - PL	PR16 TRACTION	310	140	
	REM 250.100 PHP - PL	TE25 TRACTION	250	100	
	REM 310.102 PHP - PL	PR20 LOAD (OLD MODEL)	310	102	
	REM 310.102 PHP - PLCN	PR20 LOAD	310	102	

WHEELS FOR ELECTRIC FORKLIFTS






	Reference	Equipment	 (mm)	 (mm)	Drawing
	REM 240.102 PHP - PL	PR16 LOAD	240	102	
	REM 240.60 PHP - PL	PR1770 LOAD	240	60	
	REM 100.63 PHP	Mod. 3000/4500 SUPPORT WHEELS	100	63,5	
	REM 330.112 PHP	Mod. 3000/4500 TRACTION	330	112	

PALLET JACK WHEELS

RUC - Load Wheels



RUC - Pallet Jack Polyurethane. - Load Wheel. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on a cast iron core. This wheel is designed to be mounted as pallet jack load wheels. Ideal for applications on various surface and environment types. It withstands high loads, protects the floor, and requires less effort to handle. It offers low noise level during handling and has an excellent service life. It has excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 20km/h.

POLYURETHANE LOAD WHEELS						
Reference*	 (mm)	 (mm)	 (mm)	 (mm) Axle Ø w/ bearing	*Ball Bearing Fitting	 KG
RUC 72.75.47	72	75	75	20	6204	700
RUC 74.70.47	74	70	70		6205	
RUC 74.73.52		73	73	25	6205	800
RUC 74.78.47		78	78	20	6204	
RUC 74.100.47		100	100	25	6205	900
RUC 74.100.52						
RUC 75.90.47	75	90	90	20	6204	700
RUC 78.74.47	78	74	74			
RUC 80.60.47	80	60	60			700
RUC 80.70.47		70	70			
RUC 80.74.47		74	74			
RUC 80.74.52			25	6205	800	
RUC 80.80.47		80	80	20		6204
RUC 80.90.40		90	90	17	6203	800
RUC 80.84.47		84	84	20	6204	900
RUC 80.90.47		90	90			
RUC 80.100.40		100	100	17	6203	800
RUC 80.100.47				20	6204	
RUC 82.80.47	82	80	80			700
RUC 85.70.47	85	70	70	17	6203	800
RUC 85.78.40		78	78			
RUC 85.80.40		80	80	20	6204	800
RUC 85.80.47						
RUC 85.85.52		85	85	25	6205	900
RUC 85.100.40		100	100	17	6203	
RUC 85.100.47				20	6204	
RUC 85.105.47		105	105			
RUC 90.100.47	90	100	100	17	6203	800
RUC 98.90.47	98	90	90			
RUC 100.80.40	100	80	80	17	6203	1000






*For wheels mounted with ball bearings, add "PE" at the end of the reference.

PALLET JACK WHEEL

RUD - Steer Wheels



RUD - Pallet Jack Polyurethane - Steer Wheel. Hardness: 90 Shore A. (-40°C to +80°C). Manufactured with molded polyurethane on the cast iron core. This wheel is designed to be mounted as transpallet steer wheels. Ideal for applications on various surface and environment types. It withstands high loads, protects the floor, and requires less effort to handle. It is quiet during handling and has an excellent service life. It has an excellent resistance to abrasion, impact, inclement weather, and compounds such as grease, oil, salt, and solvents. The recommended traveling speed is up to 20km/h.

POLYURETHANE STEER WHEELS						
Reference	 (mm)	 (mm)	 (mm)	 (mm) Axle Ø w/ bearing	*Ball Bearing Fitting	 KG
RUD 150.55.47	150	50	55	20	6204	700
RUD 150.55.52				25	6205	
RUD 170.50.47	170	60	38	20	6204	800
RUD 175.60.47	175		60			
RUD 180.50.40	180			50	17	
RUD 180.50.52		25	6205			
RUD 180.50.62		30	6206			
RUD 180.63.52		63	63	25	6205	900
RUD 200.50.47	200	50	50	20	6204	
RUD 200.50.52				25	6205	
RUD 200.60.52		60	60			






*For wheels mounted with ball bearings, add "PE" at the end of the reference.

PALLET JACK WHEELS

RCNT - Load Wheels



RCNT - Pallet Jack Nylon - Load Wheel. Hardness: 70 Shore D. (-40°C to +110°C). Manufactured from a single high quality Nylon 6 injection. This wheel is designed to be mounted as a pallet jack load wheel. It is lightweight with good mechanical resistance, rolls very easily, requiring less effort in handling and maneuvering. It holds heavy loads and is resistant to deformation under static loads. Ideal for applications in wet environments. Resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.






NYLON LOAD WHEELS						
Reference	 (mm)	 (mm)	 (mm)	 (mm) Axle Ø w/ bearing	*Ball Bearing Fitting	 KG
RCNT 70.60.47	70	60	60	20	6204	600
RCNT 70.80.47		80	80			700
RCNT 75.70.47		70	70			
RCNT 75.93.47	75	93	93			900
RCNT 80.74.47		74	74			700
RCNT 80.95.47		95	95			900
RCNT 80.100.40	80	100	100	17	6203	
RCNT 80.100.47				20	6204	
RCNT 82.60.47	82	60	60	17	6203	600
RCNT 85.100.40	85	100	100			1000

*For wheels mounted with ball bearings, add "NE" at the end of the reference.

RDNT - Steer Wheels



RDNT - Pallet Jack Nylon - Steer Wheel. Hardness: 70 Shore D. (-40°C to +110°C). Manufactured from a single high quality Nylon 6 injection. This wheel is designed to be mounted as a transpallet steer wheel. It is lightweight, with good mechanical resistance and it rolls very easily, requiring less effort in handling and maneuvering. It holds heavy loads and is resistant to deformation under static loads. Ideal for applications in wet environments. Resistant to grease, oil, salt, and some acids. The recommended traveling speed is up to 4km/h.

NYLON STEER WHEELS						
Reference	 (mm)	 (mm)	 (mm)	 (mm) Axle Ø w/ bearing	*Ball Bearing Fitting	 KG
RDNT 160.50.47	160	50	50	20	6204	700
RDNT 170.50.47	170		38			800
RDNT 180.50.47	180		50			
RDNT 200.50.47	200		56			25
RDNT 200.50.52						

*For wheels mounted with ball bearings, add "NE" at the end of the reference.



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