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CASTOR WHEELS

ISO 9001 : 2018 CERTIFIED



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UHMWPE Wheel Series



180 - 2300 kg
100 - 400 mm

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Cast Nylon Wheel Series



900 - 9000 kg
100 - 400 mm

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Cast PU on Cast Iron Wheel Series



295 - 3200 kg
100 - 500 mm

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Die-cast Aluminum Insert Wheel Series



400 - 750 kg
150 - 200 mm

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Rubber on Cast Iron Wheel Series



100 - 1500 kg
100 - 400 mm

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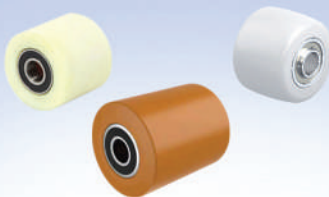
Cast Iron Wheel Series



200 - 3600 kg
75 - 300 mm

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Pallet Truck Wheel Series



400 - 1350 kg
75 - 85 mm

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About Starline Castor Wheels

At Starline Castor Wheels, we are a globally recognized leader in castor wheel manufacturing, dedicated to producing high-quality castors and wheels that cater to your specific needs. Our extensive range of castor wheels serves a wide variety of industries, including medical, industrial, and commercial sectors, all designed to uphold the highest standards of quality and durability.

Our product line spans from 1-inch to 8-inch castor wheels—and beyond—offering every material, size, and fitting you might need. Additionally, our wheels are fully customizable with options for frame and wheel bearings, finish types, and accessories like brakes and direction locks to ensure they meet your precise specifications.

Our team is composed of skilled and passionate professionals committed to excellence in both product and service. At Starline Castor Wheels, we're not only invested in manufacturing superior products but also in building strong, lasting relationships with our clients through exceptional service and dedication.

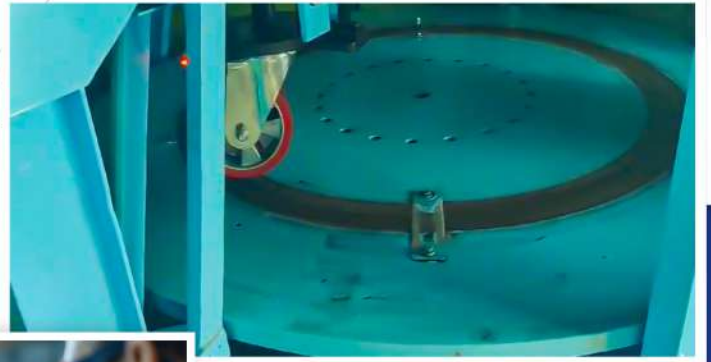
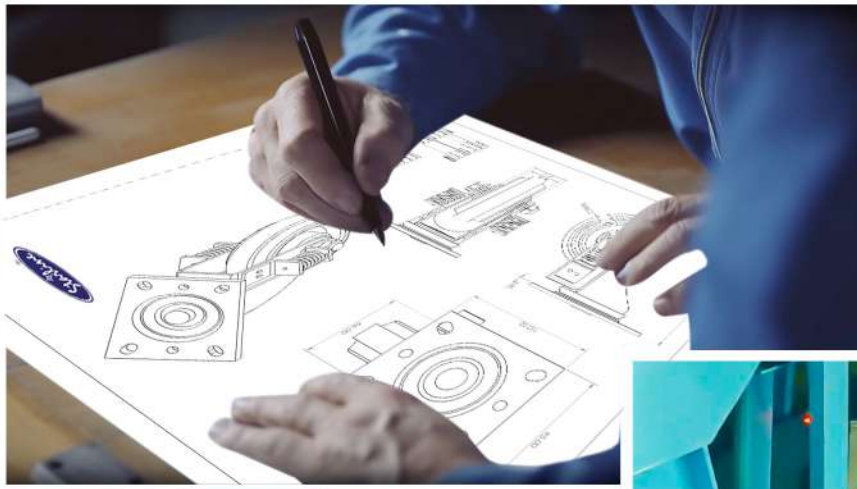


Quality In Motion

Customer trust is our most significant asset, built on our dedication to quality and reliability. Our fully integrated operations and "Made in India" production enable us to oversee every aspect of manufacturing.

We maintain high quality standards through advanced management systems, cutting-edge automated production and testing technologies, and thorough inspections of both initial and final products.

Our testing laboratories are equipped with a range of facilities, including rotating test benches that handle loads up to 10 tons, along with various other material testing equipment.



Find the Ideal Castor & Wheel for your Application

To meet your needs, we offer more than just our extensive standard range. If you don't find exactly what you're looking for, we can collaborate to create a customized solution just for you. Customization is one of our core strengths.

With a selection of 50,000 standard products, we provide effective solutions for nearly every situation. Each product boasts high quality, is maintenance-free, available for prompt delivery, and offers a long service life, as expected from Starline. Additionally, our products lead the industry in ergonomics and safety.

Our agile processes allow us to craft tailored solutions that seamlessly integrate with your products. By combining efficient mass production with flexible, small-scale manufacturing, we deliver customized solutions swiftly and cost-effectively.



Efficient and Reliable Global Shipments

You can count on exceptional reliability from all areas at Starline. Our state-of-the-art logistics center ensures top-quality deliveries, with over 50,000 different variations, with standard products available for shipping within one or two days depending on quantity.



Selecting the optimal product

1. Determine the maximum load capacity per wheel

To determine the load capacity needed for a wheel or castor, first divide the total weight of the transport equipment, including any additional load, by the number of supporting wheels or castors. Then, multiply the result by a safety factor based on the application conditions.

$$T = \frac{E + Z}{n-1} \times S$$

T = Required load capacity per wheel or castor
E = Dead weight of the transport equipment
Z = Maximum additional weight
n = Number of supporting wheels or castors
S = Safety factor

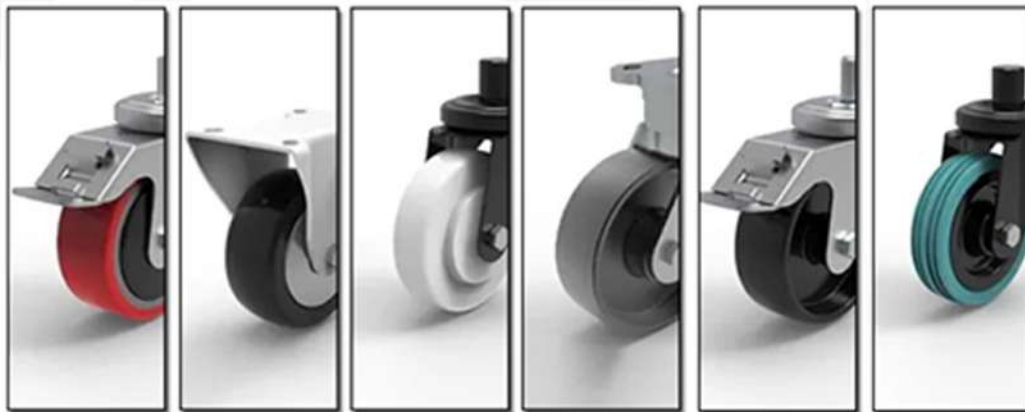
2. Starting, rolling and swivel resistance. Manoeuvrability.

The starting, rolling, and swivel resistance of a wheel or castor is mainly influenced by the tread, wheel bearing, wheel diameter, total load, and surface conditions. The maneuverability of transport equipment is affected by the number, type, and positioning of the castors used.

3. Selecting the type of material

The hardness, shape, and tread material of a wheel or castor significantly influence its operational comfort, smooth rolling, and resistance to starting, rolling, and swiveling. Generally, the tread should be softer than the surface it travels on to avoid pressing into and potentially damaging the surface.

Furthermore, the service life and functionality of a wheel or castor are influenced by how well its materials or surface finish can withstand corrosion, temperature fluctuations, and chemical exposure. Temperature and exposure duration are particularly crucial factors. Different materials offer varying levels of resistance to external conditions. Refer page 12 for more details.



4. Select Wheel Bearing Type

Choosing the right bearing depends on factors such as speed, load, environmental conditions, and the force needed to move the transport equipment.

5. Select from suitable castor and additional variations

Based on your requirement, the type of mounting for the wheel needs to be selected for attaching it to the load bearing unit. Refer to page 44 for more details.

Manoeuvrability of equipment and machinery

Castors need to be strategically positioned to optimize the maneuverability and steering of units and machines. Below, various castor arrangements are described.



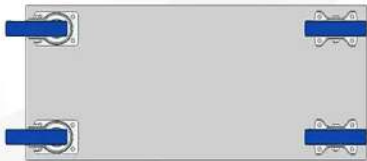
Three Swivel Castors

Ideal for light loads and narrow pathways, this transport equipment is easy to move in any direction but can be difficult to maneuver straight. Installing a directional lock on one of the three swivel castors can help, although this arrangement may increase the risk of tipping.



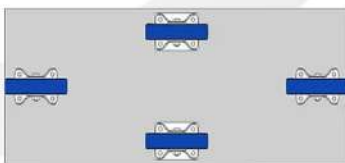
Four Swivel Castors

"Ideal for narrow pathways, this transport equipment is easy to move in any direction but can be challenging to maneuver straight. Adding directional locks to two of the swivel castors can enhance stability in straight travel.



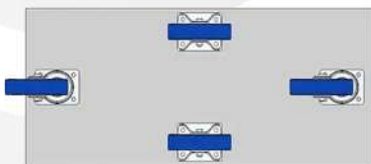
Two Swivel and Fixed Castors

The most common castor configuration, suitable for towing, allows for easy maneuverability when cornering and moving straight. However, it can be somewhat challenging to navigate in tight spaces. The fixed castor can be replaced with a wheel set, consisting of two wheels on an axle.



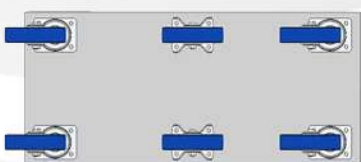
Four fixed castors, with central castors that are mounted slightly higher

This cost-effective castor arrangement facilitates easy straight-line movement. Placing the load over the central fixed castors enhances steering and rotation in place, but may increase the risk of tipping and swinging. The central castors can be replaced with a wheel set of two wheels on an axle.



Two swivel castors and two fixed castors, with fixed castors positioned slightly higher

This configuration is ideal for towing, allowing easy maneuverability when cornering and moving straight, as well as effortless rotation in place. However, it may increase the risk of tipping and swinging. It's advisable to use swivel castors with spring-loaded features, and the central fixed castors can be replaced with a wheel set of two wheels on an axle.



Four Swivel Castors and Two Fixed Castors

This complex castor arrangement is suitable for towing. The transport equipment maneuvers easily when cornering and moving straight, and it rotates effortlessly in place. It is especially effective for handling heavy loads and long units, as the fixed castors must maintain constant surface contact for optimal maneuverability. The central fixed castors can be replaced with a wheel set consisting of two wheels on an axle.

The Usage Notice of Casters

■ Application

Castors are attached to transportation equipment and other devices inside rooms and facilities, with the purpose of facilitating the relocation or transfer of cargoes, excluding people and animals, and moved by human power intermittently.

Choice of the Casters and Usage Conditions

1. Load Capacity and Adequate Load

Max Load Capacity : Upper limit for safe, smooth use for a long period of time

Adequate Load : When castors are attached to a cart (use of 4 castors), the load needs to be supported at 3 points. Accordingly, please calculate the load, assuming 80% of the maximum load, as shown in the following equation:

$$\text{Adequate Load} = \frac{\text{Max Load Capacity}}{\text{per 1 pcs (daN)}} \times 4 \text{ pcs} \times 0.8$$

2. Speed Limits

Use the castors intermittently on a flat road at less than the speed tabulated below. This is the same also for using castors for towing, and using the power of a trailer or the like. Please avoid the continuous use, which generates heat.

3. Usage Conditions

Please determine the following items, according to equipment (loading and usage conditions).

Type of Bracket : Swivel, Rigid, With Stopper, etc.
Installation Method, Material

Type of Wheel : Diameter, Material

4. Usage Environment

In general, castors are designed, assuming that they are used indoors at room temperature. Please avoid exposure to the caustic environment (Ex. acidity, alkali, sea, oil). There is a risk that products will deteriorate. If you want to use the castors at high or low temperatures, please consult with us. You would require brackets, wheels, and grease according to usage. Some materials of the wheels may stain floor surfaces.

5. Stopper

Long-term abrasion or damage may degrade the functions before you notice. In addition, hard wheels, such as nylon wheels, have less braking force, from shipment.

If necessary for safety, please take measures, such as wheel clamps and floor locks, to complement the braking performance.

■ Installation of Castors

1. Attach each castor to the fixated joint part properly with a bolt, a nut, a washer, etc. that fits the hole part for attaching, so that it will not loosen.
2. Attach each castor so that the attachment plane is horizontal.
3. Attach each swivel castor so that the swivel axis is vertical.
4. Attach rigid castors so that they are parallel to each other.

■ The Usage Notice

1. Setting Condition

Please do not use the products for any purposes other than those specified in the setting conditions, because they could place excessive burdens on castors, leading to deformation and damage.

- Please avoid overloading.
- Please avoid partial loading.
- Please do not use the castors with incorrect and unsecure fitting and installation.
- Please avoid excessive shock load (Please be cautious about the shocks from steps and loading goods).
- Please do not use the castors on a significantly uneven surface and move them across over a sharp protrusion.
- Please do not move the cart forward to the opposite direction of its rigid castors.
- Please do not place a person or animal on a cart with castors.

2. Stopper

Since a stopper may loosen unexpectedly due to a shock, please avoid the following operations.

- Please use the stopper pedal surely with the foot while wearing shoes.
- Please do not park the cart on a slope even if the caster stoppers are locked.
- Please do not move the cart when the caster stoppers are locked.
- Please do not step on the stopper pedals too hard or knock the pedals with a hammer.
- Please do not use the stopper pedal during driving.

3. Remodeling of the Product

We will not take responsibility for the remodeling, reassembly, coating, welding, and attachment conducted by you.

■ Maintenance Checkup

Deterioration, including the loosening of screws and the corrosion of parts, may occur according to usage conditions and period. Check the following items regularly.

- Whether the castor mounting part is clamped tightly
If not, clamp it again.
- Swivel Part of Swivel Castors
If you find the swaged part has loosened, replace swivel castors.
- Whether the castor/shaft part has loosened or corroded
If you find screws have loosened, tighten them. If you find corroded parts, replace the parts.
- Whether there is the abrasion or deterioration of the tire part, the corrosion of the bearing part, or the like
If you find deteriorated parts, replace the parts.
- Whether there are foreign materials in the swivel or shaft part
If there are any foreign materials, remove them.
- Whether there are any damage, cracks, or deformation
If any, replace the parts.



CASTOR WHEELS



CUSTOMIZABLE DESIGNS

FOR YOUR APPLICATION



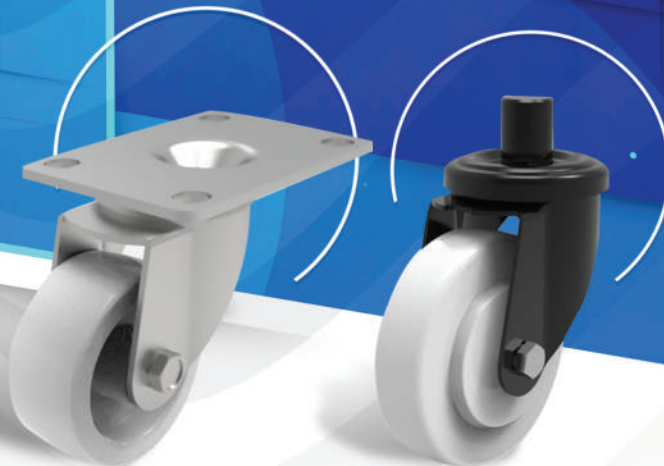
Castor wheels by Material



POLYURETHANE

CAST IRON

RUBBER

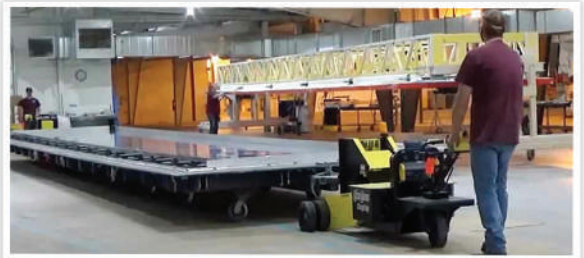


NYLON

UHMWPE

Castor Wheels by Application

Hygiene/Research/Medical | Heavy Machinery and Systems
Conveyors technology | Intra-logistics | Mobile Devices and Equipment



Castor Wheels by Materials

Castor wheels, available in all sizes, serve a multitude of purposes across various applications. Tailored to accommodate different speeds and load capacities based on specific requirements, they find widespread use in diverse fields such as medical equipment, display stands, industrial kitchen equipment, and similar applications.

Cast Iron Wheels

Built to last

Starline Cast Iron wheels have exceptional robustness, enabling them to excel in challenging environments where other wheels falter. With an impressive load capacity and temperature resistance of up to 600°C, they are ideal for demanding applications.



Nylon Wheels

Unbeatable durability & performance

These specialized Nylon wheels are resilient to high temperatures, durable, and require minimal maintenance. With a maximum temperature of upto 140°C, they offer reliable performance in various applications.

UHMWPE Castor Wheels

The ultimate choice for durability

With exceptional strength and resistance to wear, these wheels handle heavy loads with ease. Their high abrasive resistance, low-maintenance operation and non-marking design make them a top choice for industrial and heavy duty applications.



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Rubber Wheels

Versatile for almost all applications

Rubber castor wheels provide excellent traction, noise reduction, and shock absorption, making them suitable for indoor and outdoor use alike. The flexibility of rubber enables the wheels to grip surfaces effectively, preventing slippage and ensuring stability during movement. Rubber wheels are bonded to the insert in three primary ways: pressed, clinched, and overmolded.



PU Castor Wheels

Smooth and Efficient

Starline PU Castor wheels, known for their high abrasion resistance, is designed to deliver consistent performance for your product mobility needs. Crafted from solid urethane and mechanically or chemically bonded to plastic, cast iron, or aluminium cores, Polyurethane (PU) wheels have up to a 3,000 kg capacity and exceptional impact resistance, safeguarding floors.



WH184 Series Solid UHMWPE Wheels

180 - 2,300 kg

Tread and tyre hardness

63 Shore D

Smooth operation / floor preservation

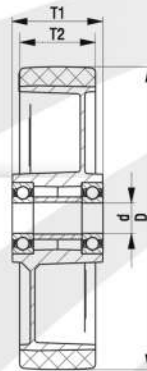
satisfactory

Rolling resistance

excellent

Wear resistance

good



WH184 Series Solid UHMWPE Wheels

Wheel Details:

- high-quality UHMWPE, impact resistant, hardness 63 Shore D
- very low rolling resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural white

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C



Reprocessed Solid UHMWPE Wheel available

Wheel code	Wheel Ø (D) (mm)	Wheel Width (T2) (mm)	Load Capacity upto + 70 °C (kg)	Axle Bore Ø (d) (mm)	Hub length (T1) (mm)
WH3125	75	38	180	20	45
WH4354	100	38	265	20	45
WH4349	100	50	300	20	60
WH4355	100	60	325	20	70
WH5358	125	38	375	20	45
WH5355	125	50	415	20	60
WH5359	125	60	430	20	70
WH6096	150	50	600	20	60
WH6099	150	60	650	25	70
WH6102	150	75	840	25	82
WH8074	200	50	1100	20	60
WH8078	200	60	1275	25	70
WH8081	200	75	1350	25	82
WH1505	250	60	1400	25	70
WH1506	250	75	1575	70	82
WH1504	250	100	1750	30	108
WH1206	300	75	1620	70	82
WH1205	300	100	2000	70	108
WH1603	400	75	1850	70	82
WH1602	400	100	2300	70	108



WH184 Forged Series



Frame Series	Part Number			Wheel Dimensions (mm)	Load (kg)	Total Height (mm)	Bolt Hole \varnothing (mm)
	Swivel	Swivel with brake	Fixed				

WH184 - F10263 Series							
F04102630505	4400021	4400022	4400023	100 x 50	300	140	11
F05102630505	5400009	5400010	5400011	125 x 50	415	165	11
F06102631005	6300105	6300132	6300129	150 x 50	600	197	11
F08102631005	8100095	8100096	8100097	200 x 50	800	245	11

WH184 Welded Series



Frame Series	Part Number			Wheel Dimensions (mm)	Load (kg)	Total Height (mm)	Bolt Hole \varnothing (mm)
	Swivel	Swivel with brake	Fixed				

WH184 - W10065 Series							
W0485650605-1	4300353C	4300354C	4300359F	100 x 38	265	140	9
W0485650605-1	4300680C	4300681C	4300686F	100 x 50	300	140	9
W0585650605-1	5300263C	5300264C	5300269G	125 x 38	375	165	11
W0585650605-1	5300626	5300626A	5300630E	125 x 50	400	165	11
W0685650605-1	6202876	6202877	6202895	150 x 50	500	197	11
W0885650605-1	8002174	8002175	8002191	200 x 50	550	245	11

WH184 Forged & Welded Series











WH184 Fabricated Series

Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			
WH184 - W10065 Series								
W04100650808-1	4900058	4900059	4900060	100	x 50	300	150	10
W04100650808-1	5900014	5900015	5900016	125	x 50	415	177	10
W05100650808-1	6890063	6890064	6890065	150	x 50	600	200	10
W05100650808-1	8900015	8900016	8900017	200	x 50	1100	250	10
W06100650808-1	1092009	1092010	1092011	250	x 50	1250	300	10
WH184 - W13685 Series								
W04136851212-1	4981225	4981226	4981227	100	x 75	375	150	12
W05136851212-1	5782412	5782413	5782414	125	x 75	400	177	12
W06136851212-1	6781335	6781336	6781337	150	x 75	840	200	12
W08136851212-1	8781349	8781350	8781351	200	x 75	1350	250	12
W10136851212-1	10881349	10881350	10881351	250	x 75	1575	300	12
W12136851212-1	12821354	12821355	12821356	300	x 75	1620	350	12
W04136851212-2	4981228	4981229	4981230	100	x 50 x 2	600	150	12
W05136851212-2	5782415	5782416	5782417	125	x 50 x 2	930	177	12
W06136851212-2	6781338	6781339	6781340	150	x 50 x 2	1200	200	12
W08136851212-2	8781352	8781353	8781354	200	x 50 x 2	2200	250	12
W10136851212-2	10881352	10881353	10881354	250	x 50 x 2	2500	300	12
W12136851212-2	12821357	12821358	12821359	300	x 50 x 2	3000	350	12
WH184 - W16080 Series								
W04160801515-1	4981231	4981232	4981233	100	x 75	375	150	16
W05160801515-1	5782418	5782419	5782420	125	x 75	460	175	16
W06160801515-1	6781341	6781342	6781343	150	x 75	840	200	16
W08160801515-1	8781355	8781356	8781357	200	x 75	1350	250	16
W10160801515-1	10881355	10881356	10881357	250	x 75	1575	300	16
W12160801515-1	12821360	12821361	12821362	300	x 75	1620	350	16
W04160801515-2	4981234	4981235	4981236	100	x 75 x 2	750	150	16
W05160801515-2	5782421	5782422	5782423	125	x 75 x 2	920	175	16
W06160801515-2	6781344	6781345	6781346	150	x 75 x 2	1680	200	16
W08160801515-2	8781358	8781359	8781360	200	x 75 x 2	2700	250	16
W10160801515-2	10881358	10881359	10881360	250	x 75 x 2	3150	300	16
W12160801515-2	12821363	12821364	12821365	300	x 75 x 2	3240	350	16
WH184 - W200100 Series								
W052001002424-1	5782424	5782425	5782426	125	x 100	600	172	16
W062001002424-1	6781347	6781348	6781349	150	x 100	900	212	16
W082001002424-1	8781361	8781362	8781363	200	x 100	1560	264	16
W102001002424-1	10881361	10881362	10881363	250	x 100	1750	314	16
W122001002424-1	12821366	12821367	12821368	300	x 100	2000	365	16
W062001002424-2	6781350	6781351	6781352	150	x 100 x 2	1800	212	16
W082001002424-2	8781364	8781365	8781366	200	x 100 x 2	3120	264	16
W102001002424-2	10881364	10881365	10881366	250	x 100 x 2	3500	314	16
W122001002424-2	12821369	12821370	12821371	300	x 100 x 2	4000	365	16



WH184 Pressed Series

Frame Series	Part Number			Wheel Dimensions (mm)	Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel 	Swivel with brake 	Fixed 	 Diameter X  Width			
WH184 - P6546 Series							
P0365460303	3800524	3800525	3800526	75 x 38	150	115	9
P0465460303	4050066	4050067	4050068	100 x 38	225	140	9
P0565460303	5150062	5150063	5150064	125 x 38	275	165	11
P0665460303	6650062	6650063	6650064	150 x 38	375	197	11
WH184 - P6746 Series							
P0367460404	3801024	3801025	3801026	75 x 38	175	115	9
P0467460404	4060018	4060019	4060020	100 x 38	275	140	9
P0567460404	5801124	5801125	5801126	125 x 38	325	165	11
P0667460404	6911123	6911124	6911125	150 x 38	425	197	11
WH184 - P8563 Series							
P0485630404	4805018	4805019	4805020	100 x 50	5400	140	9
P0585630404	5601124	5601125	5601126	125 x 50	450	165	11
P0685630404	6907168	6907169	6907170	150 x 50	500	197	11
WH184 - P9360 Series							
P0493600403	4200163	4200164	4200171	100 x 50	300	140	9
P0593600403	5705001	5705002	5705003	125 x 50	350	165	11
P0693600403	6000549	6000550	6000551	150 x 50	400	197	11

WH184 Pressed Series



WH111 Series Cast Nylon Wheels

900 - 11,000 kg

Tread and tyre hardness



70 Shore D

Smooth operation / floor preservation



satisfactory

Rolling resistance

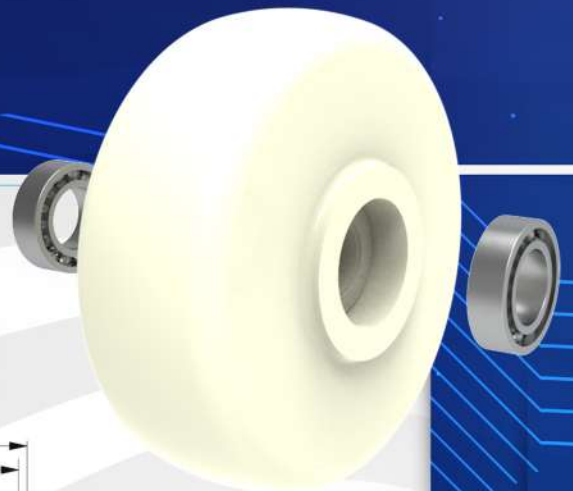
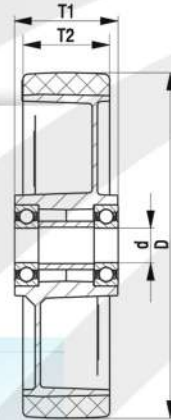


excellent

Wear resistance



good



Wheel Details:

- high-quality Nylon, impact resistant, hardness 70 Shore D
- very low rolling resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural beige

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

Part Number	Wheel Ø (D) (mm)	Wheel Width (T2) (mm)	Load Capacity upto + 70 °C (kg)	Axle Bore Ø (d) (mm)	Hub length (T1) (mm)
WH4356	100	38	900	25	45
WH4340	100	50	1150	25	60
WH5360	125	38	1200	30	45
WH5340	125	50	1300	35	60
WH6098	150	50	1900	35	60
WH6093	150	75	2600	45	85
WH8073	200	50	2700	45	60
WH8077	200	75	4250	50	85
WH8083	200	100	5000	70	108
WH1507	250	50	4500	55	60
WH1508	250	75	5500	70	85
WH1509	250	100	8000	70	108
WH1207	300	50	5700	70	60
WH1208	300	75	6750	70	85
WH1402	400	75	7000	70	85
WH1604	400	100	11000	70	108



WH111 Forged Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			

WH111 - F10263 Series

F04102630505	4411033	4423034	4400023	100 x 50	1000	140	11
F05102630505	5422021	5401222	5400021	125 x 50	1000	165	11
F06102630505	6300116	6300117	6300126	150 x 50	1000	197	11
F08102630505	8100113	8100114	8100115	200 x 50	1000	245	11

WH111 Welded Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			

WH111 - W10065 Series

W0485650605-1	4311281C	4311281C	4300127F	100 x 38	700	140	9
W0485650605-1	4312365C	4312365C	4312371F	100 x 50	700	140	9
W0585650605-1	5302391C	5302391C	5312197G	125 x 38	700	165	11
W0585650605-1	5367770	5367770	5312774E	125 x 50	700	165	11
W0685650605-1	6202924	6202924	6202943	150 x 50	700	197	11
W0885650605-1	8002462	8002462	8002479	200 x 50	700	245	11

WH111 Forged & Welded Series











WH111 Fabricated Series

Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	X Width			
WH111 - W10065 Series								
W04100650808-1	4900055	4900056	4900057	100	x 50	1150	150	10
W04100650808-1	5900011	5900012	5900013	125	x 50	1300	177	10
W05100650808-1	6890060	6890061	6890062	150	x 50	1500	200	10
W05100650808-1	8900012	8900013	8900014	200	x 50	1500	250	10
W06100650808-1	1092006	1092007	1092008	250	x 50	1500	300	10
WH111 - W13685 Series								
W06136851212-1	6781353	6781354	6781355	150	x 75	2000	150	12
W08136851212-1	8781367	8781368	8781369	200	x 75	2000	177	12
W10136851212-1	10881367	10881368	10881369	250	x 75	2000	200	12
W12136851212-1	12821372	12821373	12821374	300	x 75	2000	250	12
W04136851212-2	4981246	4981247	4981248	100	x 50	2000	150	12
W05136851212-2	5782433	5782434	5782435	125	x 50	2000	177	12
W06136851212-2	6781356	6781357	6781358	150	x 50 x 2	2000	200	12
W08136851212-2	8781370	8781371	8781372	200	x 50 x 2	2000	250	12
W10136851212-2	10881370	10881371	10881372	250	x 50 x 2	2000	300	12
W12136851212-2	12821375	12821376	12821377	300	x 50 x 2	2000	350	12
WH111 - W16080 Series								
W06160801515-1	6781359	6781360	6781361	150	x 75	2600	200	16
W08160801515-1	8781373	8781374	8781375	200	x 75	4250	250	16
W10160801515-1	10881373	10881374	10881375	250	x 75	5000	300	16
W12160801515-1	12821378	12821379	12821380	300	x 75	5000	350	16
W05160801515-2	5782439	5782440	5782441	150	x 75 x 2	5000	175	16
W06160801515-2	6781362	6781363	6781364	200	x 75 x 2	5000	200	16
W08160801515-2	8781376	8781377	8781378	250	x 75 x 2	5000	250	16
W10160801515-2	10881376	10881377	10881378	300	x 75 x 2	5000	300	16
W12160801515-2	12821381	12821382	12821383	400	x 75 x 2	5000	350	16
WH111 - W16080 Series								
W082001002424-1	8781379	8781380	8781381	200	x 100	5000	264	16
W102001002424-1	10881379	10881380	10881381	250	x 100	7500	314	16
W122001002424-1	12821384	12821385	12821386	300	x 100	7500	365	16
W082001002424-2	8781382	8781383	8781384	200	x 100	7500	264	16
W102001002424-2	10881382	10881383	10881384	250	x 100	7500	314	16
W122001002424-2	12821387	12821388	12821389	300	x 100	7500	365	16



WH111 Pressed Series

Frame Series	Part Number			Wheel Dimensions (mm)	Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel 	Swivel with brake 	Fixed 	 Diameter X  Width			
WH111 - P6546 Series							
P0365460303	3800515	3800516	3800517	75 x 38	150	115	9
P0465460303	4050057	4050058	4050059	100 x 38	225	140	9
P0565460303	5050126	5050127	5050128	125 x 38	275	165	11
P0665460303	6024133	6024134	6024135	150 x 38	375	197	11
WH111 - P6746 Series							
P0367460404	3801015	3801016	3801017	75 x 38	175	115	9
P0467460404	4060009	4060010	4060011	100 x 38	275	140	9
P0567460404	5120024	5120025	5120026	125 x 38	325	165	11
P0667460404	6122124	6122125	6122126	150 x 38	425	197	11
WH111 - P8563 Series							
P0485630404	4805045	4805046	4805047	100 x 50	400	140	9
P0585630404	5130004	5130005	5130006	125 x 50	450	165	11
P0685630404	6907177	6907178	6907179	150 x 50	500	197	11
WH111 - P9360 Series							
P0493600403	4062209	4062210	4062211	100 x 50	300	140	9
P0593600403	5120033	5120034	5120035	125 x 50	350	165	11
P0693600403	6000558	6000559	6000560	150 x 50	400	197	11

WH111 Pressed Series



WH134 Series

Cast iron insert with Cast Polyurethane Overmoulded Tread

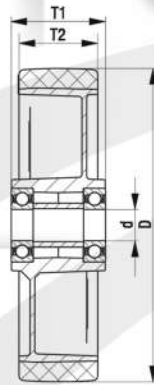
295 - 3200 kg

Tread and tyre hardness
 92 Shore A

Smooth operation / floor preservation
 good

Rolling resistance
 very good

Wear resistance
 excellent



Wheel code	Wheel Ø (D) (mm)	Wheel Width (T2) (mm)	Load Capacity upto + 70 °C (kg)	Axle Bore Ø (d) (mm)	Hub length (T1) (mm)
WH4689	100	38	295	20	45
WH4690	100	50	400	20	60
WH5689	125	38	450	20	45
WH5590	125	50	550	20	60
WH6689	150	38	450	20	45
WH6590	150	50	750	20	60
WH6491	150	60	950	25	70
WH6392	150	75	1050	30	82
WH6873	150	100	1250	30	108
WH8689	200	50	1000	20	60
WH8590	200	60	1200	25	70
WH8491	200	75	1400	30	82
WH8392	200	100	1800	40	108
WH10689	250	50	1200	20	60
WH10590	250	60	1350	25	70
WH10491	250	75	1800	30	82
WH10392	250	100	2200	40	108
WH12689	300	50	1300	25	60
WH12592	300	60	1600	25	70
WH12491	300	75	2000	30	82
WH12392	300	100	2500	40	108
WH16689	400	75	2500	30	82
WH16592	400	100	3100	40	108
WH18491	450	75	3000	35	82
WH20392	500	75	3200	35	82

Tread:

- high-quality polyurethane elastomer , hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour red, non-marking, non-staining
- excellent mechanical and chemical connection with the wheel centre

Wheel centre:

- cast iron

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

WH134 Forged Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			

WH134 - F10263 Series

F04102630505	4400042	4400043	4400044	100 x 50	400	140	11
F05102630505	5400030	5400031	5400032	125 x 50	550	165	11
F06102630505	6300027	6300028	6300029	150 x 50	750	197	11
F08102630505	8100030	8100031	8100032	200 x 50	1000	245	11

WH134 Welded Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			



WH134 - W10065 Series

W0485650605-1	4300317C	4300318C	4300323F	100 x 38	295	140	9
W0485650605-1	4301473C	4301474C	4301479F	100 x 50	400	140	9
W0585650605-1	5300227C	5300228C	5300233G	125 x 38	450	165	11
W0585650605-1	5300878	5300878A	5300882E	125 x 50	550	165	11
W0685650605-1	6200569C	6200570C	6200575F	150 x 50	700	197	11
W0885650605-1	8000482C	8000483C	8000488F	200 x 50	700	245	11



WH134 Fabricated Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	 Diameter	 Width			
WH134 - W10065 Series								
W04100650808-1	4981249	4981250	4981251	100	50	400	150	10
W05100650808-1	5782442	5782443	5782444	125	50	550	177	10
W06100650808-1	6781365	6781366	6781367	150	50	750	200	10
W08100650808-1	8781385	8781386	8781387	200	50	1000	250	10
W10100650808-1	10881385	10881386	10881387	250	50	1200	300	10
WH134 - W13685 Series								
W04136851212-1	4981252	4981253	4981254	100	75	550	150	12
W05136851212-1	5782445	5782446	5782447	125	75	750	177	12
W06136851212-1	6781368	6781369	6781370	150	75	1050	200	12
W08136851212-1	8781388	8781389	8781390	200	75	1400	250	12
W10136851212-1	10881388	10881389	10881390	250	75	1800	300	12
W12136851212-1	12821393	12821394	12821395	300	75	2000	350	12
W04136851212-2	4981255	4981256	4981257	100	50 x 2	800	150	12
W05136851212-2	5782448	5782449	5782450	125	50 x 2	1100	177	12
W06136851212-2	6781371	6781372	6781373	150	50 x 2	1500	200	12
W08136851212-2	8781391	8781392	8781393	200	50 x 2	2000	250	12
W10136851212-2	10881391	10881392	10881393	250	50 x 2	2400	300	12
W12136851212-2	12821396	12821397	12821398	300	50 x 2	2600	350	12
WH134 - W16080 Series								
W04160801515-1	4981258	4981259	4981260	100	75	550	150	16
W05160801515-1	5782451	5782452	5782453	125	75	750	175	16
W06160801515-1	6781374	6781375	6781376	150	75	1050	200	16
W08160801515-1	8781394	8781395	8781396	200	75	1400	250	16
W10160801515-1	10881394	10881395	10881396	250	75	1800	300	16
W12160801515-1	12821399	12821400	12821401	300	75	2000	350	16
W04160801515-2	4981261	4981262	4981263	100	75 x 2	1100	150	16
W05160801515-2	5782454	5782455	5782456	125	75 x 2	1500	175	16
W06160801515-2	6781377	6781378	6781379	150	75 x 2	2100	200	16
W08160801515-2	8781397	8781398	8781399	200	75 x 2	2800	250	16
W10160801515-2	10881397	10881398	10881399	250	75 x 2	3600	300	16
W12160801515-2	12821402	12821403	12821404	300	75 x 2	4000	350	16
WH134 - W200100 Series								
W082001002424-1	8781400	8781401	8781402	200	100	1800	264	16
W102001002424-1	10881400	10881401	10881402	250	100	2200	314	16
W122001002424-1	12821405	12821406	12821407	300	100	2500	365	16
W062001002424-2	6781383	6781384	6781385	150	100 x 2	2500	212	16
W082001002424-2	8781403	8781404	8781405	200	100 x 2	3600	264	16
W102001002424-2	10881403	10881404	10881405	250	100 x 2	4400	314	16
W122001002424-2	12821408	12821409	12821410	300	100 x 2	5000	365	16

WH134 Fabricated Series



WH134 Pressed Series

Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			
WH134 - P6546 Series								
P0365460303	3800533	3800534	3800535	75	x 38	150	115	9
P0465460303	4050075	4050076	4050077	100	x 38	225	140	9
P0565460303	5062127	5062128	5062129	125	x 38	275	165	11
P0665460303	6162122	6162123	6162124	150	x 38	375	197	11
WH134 - P6746 Series								
P0367460404	3801033	3801034	3801035	75	x 38	175	115	9
P0467460404	4060027	4060028	4060029	100	x 38	275	140	9
P0567460404	5062927	5062928	5062929	125	x 38	325	165	11
P0667460404	6162922	6162923	6162924	150	x 38	425	197	11
WH134 - P8563 Series								
P0485630404	4160027	4160028	4160029	100	x 50	400	140	9
P0585630404	5252927	5252928	5252929	125	x 50	450	165	11
P0685630404	6907063	6907064	6907065	150	x 50	500	197	11
WH134 - P9360 Series								
P0493600403	4160067	4160068	4160069	100	x 50	300	140	9
P0593600403	5012927	5012928	5012929	125	x 50	350	165	11
P0693600403	6000073	6000074	6000075	150	x 50	400	197	11

WH134 Pressed Series

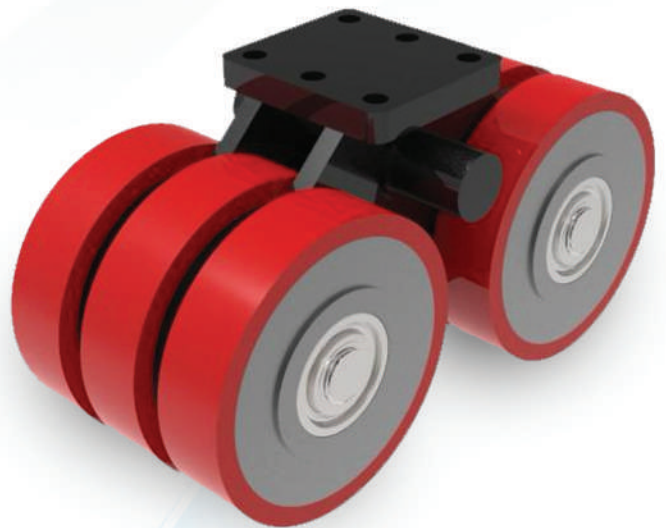


W134 Super Heavy Duty Castor Wheels



Details	
Part number	16100038
Number of wheels	2
Wheel Dimensions	400 x 100 mm
Maximum Load Capacity	7 Tons

Details	
Part number	6998038
Number of wheels	6
Wheel Dimensions	200 x 100 mm
Maximum Load Capacity	10 Tons



W134 Super Heavy Duty Castor Wheels



WH207 Series

Aluminium Die Cast Insert with Cast Polyurethane Tread Wheels

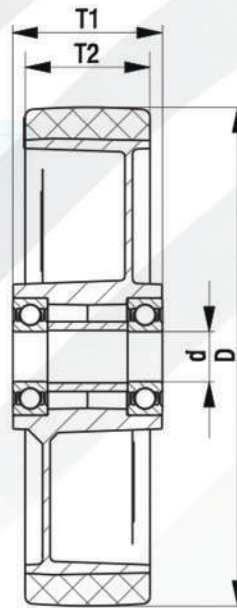
550 - 800 kg

Tread and tyre hardness
 92 Shore A

Smooth operation / floor preservation
 good

Rolling resistance
 very good

Wear resistance
 excellent



Wheel centre:

- die-cast aluminium
- Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

PU Tread:

- high-quality polyurethane elastomer, hardness 92 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour light brown, non-marking, non-staining
- excellent chemical connection with the wheel centre

Part Number	Wheel Ø (D) (mm)	Wheel Width (T2) (mm)	Load Capacity upto +70 °C (kg)	Axle Bore Ø (d) (mm)	Hub length (T1) (mm)
WH6198	150	50	550	20	60
WH8259	200	50	800	20	60



WH207 Forged Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			
WH207 - F10263 Series								
F06102630505-1	6300092	6300093	6300094	150	x 50	550	197	11
F08102630505-1	8300121	8300122	8300123	200	x 50	700	245	11

WH207 Welded Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			
WH207 - W10065 Series								
W0685650605-1	6201811C	6201891C	6201896F	150	x 50	550	197	11
W0885650605-1	6901890C	6901190C	6901895C	200	x 50	700	245	11



WH207 Pressed Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			
WH207 - P8563 Series								
P0685630404	6890259	6890263	6890267	150	50	500	197	11
P0885630404	8790256	8790260	8790264	200	50	600	245	11
WH207 - P9360 Series								
P0693600403	6890278	6890282	6890286	150	50	500	197	11
P0893600403	8790275	8790279	8790283	200	50	600	245	11



WH202 Series

Aluminium Die Cast Insert with Overmoulded Black Rubber Tread Wheels

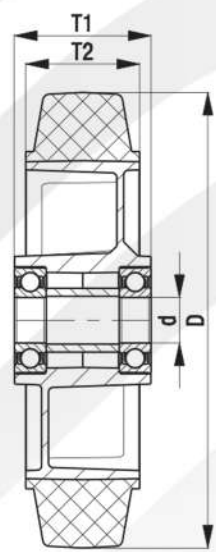
400 - 500 kg

Tread and tyre hardness
 65 Shore A

Smooth operation / floor preservation
 very good

Rolling resistance
 very good

Wear resistance
 good



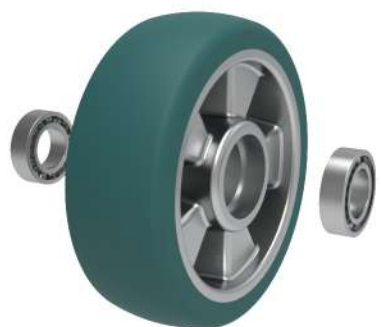
Wheel centre:

- die-cast aluminium
- Other features:
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Rubber Tread :

- high-quality elastic solid rubber in smooth rolling quality, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black
- vulcanised onto the wheel centre

Part Number	Wheel Ø (D) (mm)	Wheel Width (T2) (mm)	Load Capacity upto +70 °C (kg)	Axle Bore Ø (d) (mm)	Hub length (T1) (mm)
WH6954	150	50	400	20	60
WH8721	200	50	500	20	60



Grey, non- marking rubber version available



WH202 Pressed Series



Frame Series	Part Number			Wheel Dimensions (mm) Diameter X Width	Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed				
WH202 - P8563 Series							
P0685630404	6760218	6760217	6960242	150 x 50	400	197	11
P0885630404	8960215	8960217	8960219	200 x 50	500	245	11
WH202 - P9360 Series							
P0693600403	6760221	6760220	6960245	150 x 50	400	197	11
P0893600403	8960218	8960220	8960222	200 x 50	500	245	11

WH202 Pressed Series



WH202 Forged Series



Frame Series	Part Number			Wheel Dimensions (mm) Diameter X Width	Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed				
WH202 - F10263 Series							
F06102630505-1	6300033	6300034	6300035	150 x 50	400	197	11
F08102630505-1	8100036	8100037	8100038	200 x 50	500	245	11

WH202 Welded Series



Frame Series	Part Number			Wheel Dimensions (mm) Diameter X Width	Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed				
WH202 - W10065 Series							
W0685650605-1	6200788C	6200789C	6200794F	150 x 50	400	197	11
W0885650605-1	8000650C	8000651C	8000656F	200 x 50	500	245	11



WH132 Series

Cast Iron Insert with Overmoulded Black Rubber Tread Wheels

100 - 1500 kg

Tread and tyre hardness

75 - 90 Shore A

Smooth operation / floor preservation

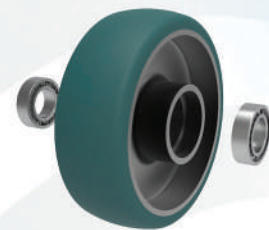
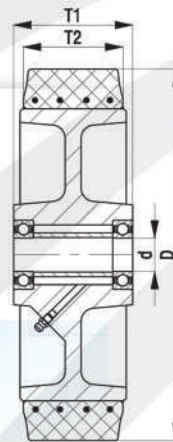
very good

Rolling resistance

very good

Wear resistance

good



Grey, non-marking rubber version available

Tread:

- high-quality elastic solid rubber in smooth rolling quality, steel-wire reinforced, hardness 75 - 90 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black

Wheel centre:

- rugged grey cast iron
- with grease nipple



Other features:

- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C
- wheel centre is approximately 4 mm wider than the specified wheel width

Part Number	Wheel Ø (D) (mm)	Wheel Width (T2) (mm)	Load Capacity upto +70 °C (kg)	Axle Bore Ø (d) (mm)	Hub length (T1) (mm)
WH3070	75	38	100	20	45
WH4254	100	38	150	20	45
WH4263	100	50	210	20	60
WH5242	125	38	180	20	45
WH5243	125	50	275	20	60
WH5317	150	50	350	20	60
WH6066	150	75	425	30	82
WH8047	200	50	450	20	60
WH8066	200	75	550	30	82
WH8067	200	100	675	30	108
WH1038	250	50	500	25	60
WH1039	250	75	750	30	82
WH1040	250	100	950	30	108
WH1284	300	50	650	25	60
WH1285	300	75	850	30	82
WH1462	350	75	1100	30	82
WH1643	400	100	1200	30	75
WH1644	400	100	1500	40	108





WH132 Forged Series

Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	 Diameter	 Width			
WH132 - F10263 Series								
F04102630505	4400042	4400043	4400044	100	x 50	210	140	11
F05102630505	5400030	5400031	5400032	125	x 50	275	165	11
F06102630505	6300027	6300028	6300029	150	x 50	350	197	11
F08102630505	8100030	8100031	8100032	200	x 50	450	245	11

WH132 Welded Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	 Diameter	 Width			
WH132 - W10065 Series								
W0485650605-1	4300317C	4300318C	4300323F	100	x 38	150	140	9
W0485650605-1	4301473C	4301474C	4301479F	100	x 50	210	140	9
W0585650605-1	5300227C	5300228C	5300233G	125	x 38	180	165	11
W0585650605-1	5300878	5300878A	5300882E	125	x 50	275	165	11
W0685650605-1	6200569C	6200570C	6200575F	150	x 50	350	197	11
W0885650605-1	8000482C	8000483C	8000488F	200	x 50	450	245	11



WH132 Fabricated Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			
WH131 - W10065 Series								
W04100650808-1	4981270	4981271	4981272	100	x 50	210	150	10
W05100650808-1	5782463	5782464	5782465	125	x 50	275	177	10
W06100650808-1	6781386	6781387	6781388	150	x 50	350	200	10
W08100650808-1	8781406	8781407	8781408	200	x 50	450	250	10
W10100650808-1	10881406	10881407	10881408	250	x 50	500	300	10
W12100650808-1	12289384	12889471	12889558	300	x 50	650	350	10
WH131 - W13685 Series								
W04136851212-1	4981273	4981274	4981275	100	x 75	275	150	12
W05136851212-1	5782466	5782467	5782468	125	x 75	325	177	12
W06136851212-1	6781389	6781390	6781391	150	x 75	425	200	12
W08136851212-1	8781409	8781410	8781411	200	x 75	550	250	12
W10136851212-1	10881409	10881410	10881411	250	x 75	750	300	12
W12136851212-1	12821414	12821415	12821416	300	x 75	850	350	12
W04136851212-2	4981276	4981277	4981278	100	x 50 x 2	450	150	12
W05136851212-2	5782469	5782470	5782471	125	x 50 x 2	550	177	12
W06136851212-2	6781392	6781393	6781394	150	x 50 x 2	700	200	12
W08136851212-2	8781412	8781413	8781414	200	x 50 x 2	900	250	12
W10136851212-2	10881412	10881413	10881414	250	x 50 x 2	1000	300	12
W12136851212-2	12821417	12821418	12821419	300	x 50 x 2	1300	350	12
WH131 - W16080 Series								
W04160801515-1	4981279	4981280	4981281	100	x 75	275	150	16
W05160801515-1	5782472	5782473	5782474	125	x 75	325	175	16
W06160801515-1	6781395	6781396	6781397	150	x 75	425	200	16
W08160801515-1	8781415	8781416	8781417	200	x 75	550	250	16
W10160801515-1	10881415	10881416	10881417	250	x 75	750	300	16
W12160801515-1	12821420	12821421	12821422	300	x 75	850	350	16
W04160801515-2	4981282	4981283	4981284	100	x 75 x 2	550	150	16
W05160801515-2	5782475	5782476	5782477	125	x 75 x 2	650	175	16
W06160801515-2	6781398	6781399	6781400	150	x 75 x 2	850	200	16
W08160801515-2	8781418	8781419	8781420	200	x 75 x 2	1100	250	16
W10160801515-2	10881418	10881419	10881420	250	x 75 x 2	1500	300	16
W12160801515-2	12821423	12821424	12821425	300	x 75 x 2	1700	350	16
WH131 - W200100 Series								
W052001002424-1	5782478	5782479	5782480	125	x 100	550	172	16
W062001002424-1	6781401	6781402	6781403	150	x 100	600	212	16
W082001002424-1	8781421	8781422	8781423	200	x 100	675	264	16
W102001002424-1	10881421	10881422	10881423	250	x 100	950	314	16
W122001002424-1	12821426	12821427	12821428	300	x 100	1000	365	16
W062001002424-2	6781404	6781405	6781406	150	x 100 x 2	1200	212	16
W082001002424-2	8781424	8781425	8781426	200	x 100 x 2	1300	264	16
W102001002424-2	10881424	10881425	10881426	250	x 100 x 2	1900	314	16
W122001002424-2	12821429	12821430	12821431	300	x 100 x 2	2000	365	16

WH132 Fabricated Series



WH132 Pressed Series

WH132 Pressed Series

Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			
WH132 - P6546 Series								
P0365460303	3800542	3800543	3800544	75	38	100	115	9
P0465460303	4050084	4050085	4050086	100	38	150	140	9
P0565460303	5901242	5901243	5901244	125	38	180	165	11
P0665460303	6860036	6860037	6860038	150	38	210	197	11
WH132 - P6746 Series								
P0367460404	3801042	3801043	3801044	75	38	100	115	9
P0467460404	4060036	4060037	4060038	100	38	150	140	9
P0567460404	5701246	5701247	5701248	125	38	180	165	11
P0667460404	6560021	6560022	6560023	150	38	210	197	11
WH132 - P8563 Series								
P0485630404	4045024	4045025	4045026	100	50	210	140	9
P0585630404	5791249	5791250	5791251	125	50	275	165	11
P0685630404	6907072	6907073	6907074	150	50	350	197	11
WH132 - P9360 Series								
P0493600403	4960039	4960040	4960041	100	50	210	140	9
P0593600403	5909246	5909247	5909248	125	50	275	165	11
P0693600403	6000082	6000083	6000084	150	50	350	197	11



WH131 Series Cast Iron Wheels

200 - 3600 kg

Tread and tyre hardness

180-220 HB

Smooth operation / floor preservation

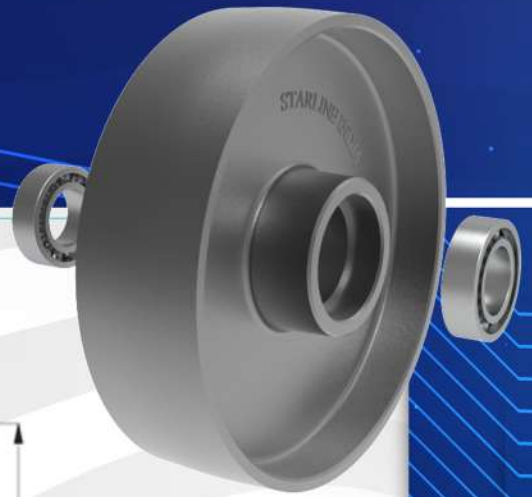
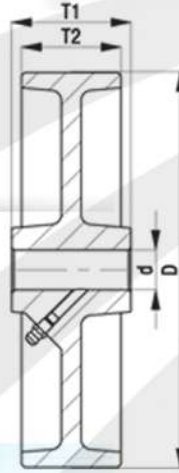
sufficient

Rolling resistance

excellent

Wear resistance

excellent



Wheel:

- rugged grey cast iron, hardness 180-220 HB
- with grease nipple
- extremely low rolling and swivel resistance
- outstanding wear resistance
- machined tread and edges

Other features:

- chemical resistance to many aggressive substances
- operating temperature:
plain bore version:
-100 °C to +600 °C
ball bearing version:
-20 °C to +350 °C
- consider the surface pressure on sensitive floors due to high point loads
- provide adequate lubrication on a regular basis for plain bore version
- To be lubricated according to the application temperature

Wheel code	Wheel Ø (D) (mm)	Wheel Width (T2) (mm)	Load Capacity upto + 70 °C (kg)	Axle Bore Ø (d) (mm)	Hub length (T1) (mm)
WH3291	75	38	200	12	45
WH4319	100	38	350	20	45
WH4258	100	50	450	20	60
WH5120	125	38	400	20	45
WH5286	125	50	550	20	60
WH6005	150	50	800	20	60
WH6101	150	75	1100	25	82
WH8005	200	50	1000	20	60
WH8079	200	75	1600	25	82
WH8080	200	100	2300	30	108
WH1501	250	50	1500	25	60
WH1502	250	75	1800	30	82
WH1503	250	100	2700	30	108
WH1202	300	50	1600	30	108
WH1203	300	75	2000	30	82
WH1204	300	100	3600	30	108






WH131 Cast Iron Wheels



Heat Resistant versions available








WH131 Forged Series

Frame Series	Part Number			Wheel Dimensions (mm)	Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	 X 			
WH131 - F10263 Series							
F04102630505	4400033	4400034	4400035	100 x 50	450	140	11
F05102630505	5400021	5400022	5400023	125 x 50	550	165	11
F06102630505	6300024	6300025	6300026	150 x 50	800	197	11
F08102630505	8100021	8100022	8100023	200 x 50	1000	245	11

WH131 Welded Series



Frame Series	Part Number			Wheel Dimensions (mm)	Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	 X 			
WH131 - W10065 Series							
W0485650605-1	4300281C	4300282C	4300287F	100 x 38	350	140	9
W0485650605-1	4301365C	4301366C	4301371F	100 x 50	450	140	9
W0585650605-1	5300191C	5300192C	5300197G	125 x 38	400	165	11
W0585650605-1	5300770	5300770A	5300774E	125 x 50	550	165	11
W0685650605-1	6200461C	6200462C	6200467F	150 x 50	700	197	11
W0885650605-1	8000374C	8000375C	8000380F	200 x 50	700	245	11



WH131 Fabricated Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			

WH131 - W10065 Series								
W04100650808-1	4600051	4600202	4600203	100	x 50	450	150	10
W05100650808-1	4600009	4600090	4600091	125	x 50	550	177	10
W06100650808-1	5600057	5600218	5600219	150	x 50	800	200	10
W08100650808-1	5600009	5600090	5600091	200	x 50	1000	250	10
W10100650808-1	6800003	6800056	6800057	250	x 50	1500	300	10

WH131 - W13685 Series								
W04136851212-1	4981225	4981226	4981227	100	x 75	675	150	12
W05136851212-1	5782412	5782413	5782414	125	x 75	825	177	12
W06136851212-1	6781335	6781336	6781337	150	x 75	1100	200	12
W08136851212-1	8781349	8781350	8781351	200	x 75	1600	250	12
W10136851212-1	10881349	10881350	10881351	250	x 75	1800	300	12
W12136851212-1	12821354	12821355	12821356	300	x 75	2000	350	12
W04136851212-2	4981228	4981229	4981230	100	x 50 x 2	1600	150	12
W05136851212-2	5782415	5782416	5782417	125	x 50 x 2	2000	177	12
W06136851212-2	6781338	6781339	6781340	150	x 50 x 2	2000	200	12
W08136851212-2	8781352	8781353	8781354	200	x 50 x 2	2000	250	12
W10136851212-2	10881352	10881353	10881354	250	x 50 x 2	2000	300	12
W12136851212-2	12821357	12821358	12821359	300	x 50 x 2	2000	350	12

WH131 - W16080 Series								
W04160801515-1	4981231	4981232	4981233	100	x 75	675	150	16
W05160801515-1	5782418	5782419	5782420	125	x 75	825	175	16
W06160801515-1	6781341	6781342	6781343	150	x 75	1100	200	16
W08160801515-1	8781355	8781356	8781357	200	x 75	1600	250	16
W10160801515-1	10881355	10881356	10881357	250	x 75	1800	300	16
W12160801515-1	12821360	12821361	12821362	300	x 75	2000	350	16
W04160801515-2	4981234	4981235	4981236	100	x 75 x 2	1350	150	16
W05160801515-2	5782421	5782422	5782423	125	x 75 x 2	1650	175	16
W06160801515-2	6781344	6781345	6781346	150	x 75 x 2	2200	200	16
W08160801515-2	8781358	8781359	8781360	200	x 75 x 2	3200	250	16
W10160801515-2	10881358	10881359	10881360	250	x 75 x 2	3600	300	16
W12160801515-2	12821363	12821364	12821365	300	x 75 x 2	4000	350	16

WH131 - W200100 Series								
W052001002424-1	5782424	5782425	5782426	125	x 100	1030	172	16
W062001002424-1	6781347	6781348	6781349	150	x 100	1375	212	16
W082001002424-1	8781361	8781362	8781363	200	x 100	2300	264	16
W102001002424-1	10881361	10881362	10881363	250	x 100	2700	314	16
W122001002424-1	12821366	12821367	12821368	300	x 100	3000	365	16
W062001002424-2	6781350	6781351	6781352	150	x 100 x 2	2060	212	16
W082001002424-2	8781364	8781365	8781366	200	x 100 x 2	2750	264	16
W102001002424-2	10881364	10881365	10881366	250	x 100 x 2	4600	314	16
W122001002424-2	12821369	12821370	12821371	300	x 100 x 2	6000	365	16

WH131 Fabricated Series



WH131 Pressed Series



Frame Series	Part Number			Wheel Dimensions (mm)		Load (kg)	Total Height (mm)	Bolt Hole (mm)
	Swivel	Swivel with brake	Fixed	Diameter	Width			
WH131 - P6546 Series								
P0365460303	3800506	3800507	3800508	75	38	150	115	9
P0465460303	4050048	4050049	4050050	100	38	225	140	9
P0565460303	5070048	5070049	5070050	125	38	275	165	11
P0665460303	6060048	6060049	6060050	150	38	375	197	11
WH131 - P6746 Series								
P0367460404	3801006	3801007	3801008	75	38	175	115	9
P0467460404	4060000	4060001	4060002	100	38	275	140	9
P0567460404	5060010	5060011	5060012	125	38	325	165	11
P0667460404	6060210	6060211	6060212	150	38	425	197	11
WH131 - P8563 Series								
P0485630404	4902013	4902014	4902015	100	50	400	140	9
P0585630404	5717027	5717028	5717029	125	50	450	165	11
P0685630404	6907054	6907055	6907056	150	50	500	197	11
WH131 - P9360 Series								
P0493600403	4001242	4001243	4001244	100	50	300	140	9
P0593600403	5102055	5102056	5102057	125	50	350	165	11
P0693600403	6000055	6000056	6000057	150	50	400	197	11

WH131 Pressed Series



WH198 Series

Polyurethane Rollers for Pallet Trucks

400 - 900 kg

Tread and tyre hardness



95 Shore A

Smooth operation / floor preservation



satisfactory

Rolling resistance

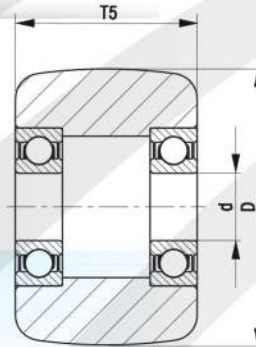
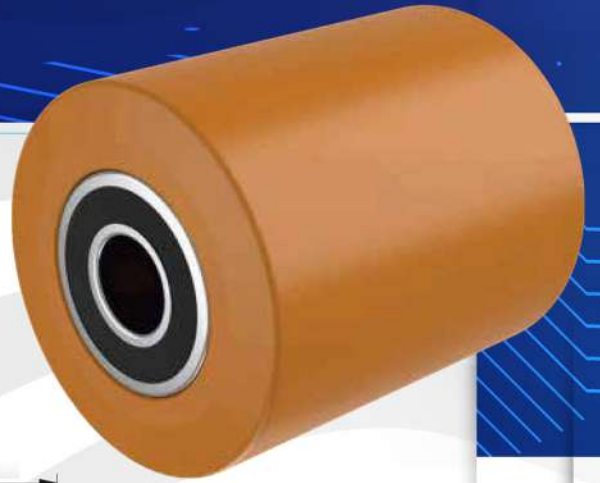


excellent

Wear resistance



good



Tread:

- high-quality polyurethane elastomer, hardness 95 Shore A
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour red, non-marking, non-staining
- excellent mechanical and chemical connection with the wheel centre

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C

Part Number	Wheel Ø (D) (mm)	Wheel Width (T2) (mm)	Load Capacity upto +70 °C (kg)	Axle Bore Ø (d) (mm)	Hub length (T1) (mm)
WH3912	75	40	400	20	40
WH3915	75	62	600	20	62
WH3916	75	95	700	20	95
WH3921	80	70	600	20	70
WH3924	82	60	550	20	60
WH3927	82	70	600	20	70
WH3930	82	98	800	20	98
WH3933	85	60	550	20	60
WH3936	85	70	600	20	70
WH3939	85	75	650	20	75
WH3942	85	80	700	20	80
WH3945	85	90	800	20	90
WH3948	85	100	850	20	100
WH3951	85	110	900	20	110



WH189 Series

UHMWPE Rollers for Pallet Trucks

450 -1,350 kg

Tread and tyre hardness



63 Shore D

Smooth operation / floor preservation



satisfactory

Rolling resistance

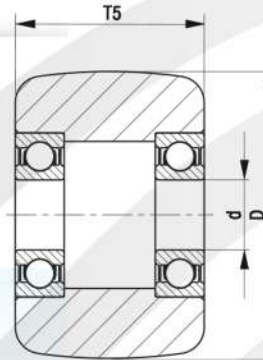


excellent

Wear resistance



good



Wheel Details:

- high-quality UHMWPE, impact resistant, hardness 63 Shore D
- very low rolling resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural white

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

Part Number	Wheel Ø (D) (mm)	Wheel Width (T2) (mm)	Load Capacity upto + 70 °C (kg)	Axle Bore Ø (d) (mm)	Hub length (T1) (mm)
WH3712	75	40	450	20	40
WH3715	75	62	700	20	62
WH3716	75	95	1150	20	95
WH3721	80	70	825	20	70
WH3724	82	60	700	20	60
WH3727	82	70	825	20	70
WH3730	82	98	1150	20	98
WH3733	85	60	700	20	60
WH3736	85	70	825	20	70
WH3737	85	75	890	20	75
WH3742	85	80	955	20	80
WH3745	85	90	1085	20	90
WH3747	85	100	1215	20	100
WH3751	85	110	1350	20	110



WH175 Series

Cast Nylon Rollers for Pallet Trucks

1,150 - 2,650 kg

Tread and tyre hardness



70 Shore D

Smooth operation / floor preservation



satisfactory

Rolling resistance

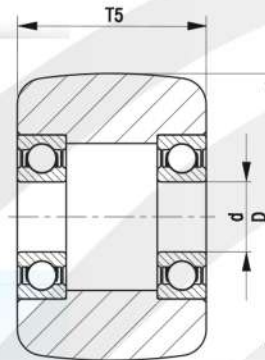


excellent

Wear resistance



good



Wheel Details:

- high-quality Nylon, impact resistant, hardness 70 Shore D
- very low rolling resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural beige

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C

Part Number	Wheel Ø (D) (mm)	Wheel Width (T2) (mm)	Load Capacity upto + 70 °C (kg)	Axle Bore Ø (d) (mm)	Hub length (T1) (mm)
WH3812	75	40	1150	20	40
WH3815	75	62	1750	20	62
WH3816	75	95	2050	20	95
WH3821	80	70	1750	20	70
WH3824	82	60	1600	20	60
WH3827	82	70	1750	20	70
WH3830	82	98	2350	20	98
WH3833	85	60	1600	20	60
WH3836	85	70	1750	20	70
WH3838	85	75	1900	20	75
WH3842	85	80	2050	20	80
WH3845	85	90	2350	20	90
WH3848	85	100	2500	20	100
WH3851	85	110	2650	20	110

Frame Variations

TYPES OF MOUNTINGS



**THREADED
STUD ON TOP
MOUNTING**



**PLATE ON TOP
MOUNTING**



**STUD ON TOP
MOUNTING**



**HOLE ON TOP
MOUNTING**



**FIXED
MOUNTING**

TYPES OF ACCESORIES



**DIRECTION
LOCK**



**FOOT
GAURD**



**FRONT
BRAKE**



**SIDE
BRAKE**



**LINEAR
BRAKE**

TYPES OF FINISH



**ELETROGALVANIZED
COATING**



**BLACK POWDER
COATING**



**CED
COATING**



**STAINLESS STEEL
FRAMES**

Your choice of Castor Wheel Manufacturer for All Applications

POPULAR CASTOR WHEELS



6300105

6 Inch solid cast iron wheel on EG forged swivel frame

Weight Capacity : 800 kg
Major application: Warehouse goods transportation



8200030

UHMWPE Wheel on powder coated fixed frame with welded legs and foot guard

Weight Capacity : 800 kg
Major application: Heavy duty trolleys



6124155

Steel insert overmoulded with cast PU wheel on swivel frame

Weight Capacity : 7 Ton
Major application : Industrial and heavy duty applications



7401215

Grey Rubber wheel on Nylon insert with brake

Weight Capacity : 350 kg
Major application : Airport Trolley



8100115

8 Inch solid cast nylon wheel on EG coated Swivel frame with brake

Weight Capacity : 950 kg
Major application : Textile Industry



6247015

Spring Loaded PU on nylon insert wheel

Major application : High vibration movement trolleys



Have a custom specification in mind?

Our designers can help you bring your specifications to life.

Email us at cmt@starline.in or call at +91 94465 25001

Notes



Starline Product Information

All of the information about Starline products in this catalogue must be taken into consideration when evaluating the liability and obligations of the manufacturer regarding its products.

The manufacturer will not be liable if this information is not complied with.

1.0 Product information and intended use

Wheels and castors are defined as components that are exchangeable and can be attached to units, furniture, transport systems or similar products to render them mobile.

This product information relates to wheels and castors, particularly passively-steered castors (swivel castors), for vehicles and equipment that are temporarily moved by hand (objects) at no faster than walking pace (4 km/h) and not for permanent operation.

Within the context of this product information, wheels and castors are used in the following areas:

Residential:

- e.g. seating, domestic furniture

Services sector:

- general services, e.g. trolleys, office furniture
- hospitals, e.g. hospital beds

Industrial:

- e.g. transport units for medium and heavy loads

Intended use includes proper installation:

- a) The product must be fastened to the object at all available points.
 - b) The object must be adequately stable at these points.
 - c) The installation must not impede or alter the functionality of the product.
 - d) Swivel castors must be installed in such a way that they pivot around a vertical axis.
 - e) Fixed castors must be installed in such a manner that their wheel axles are aligned.
 - f) All castors on an object must have the same mounting height. In case fixed castors are also fitted, only the castors recommended by the manufacturer for this purpose may be installed.
 - g) Wheels made of thermoplastic polyurethane (TPE) contain oil and can cause contact discoloration on sensitive surfaces.
- Special versions must be used for wet rooms, applications in the vicinity of the sea, equipment exposed to the elements or in aggressive environments that lead to increased corrosion.

Special versions must be specified when products are used in a temperature range that is outside of the normal range for the standard products in this catalogue. Standard products must not be exposed to the rated load under these conditions.

he wheel, bracket, brake and axle options form a single functional unit. Starline only assumes liability for original products.

Clients must take all possible loads into consideration when selecting castors. If they are not taken into consideration, additional safety factors should be used.

2.0 Incorrect use

The following situations are some examples where wheels and castors are being used incorrectly:

- a) The wheels and castors are used to carry loads in excess of the maximum load capacity in the catalogue.
- b) The product is used on an unsuitable and uneven floor.
- c) The product is used at temperatures that are too high or too low.
- d) A unit is forcibly moved when the brake is activated or if the brake is used to slow down.
- e) The product could be affected by particularly aggressive substances.
- f) The product is affected by unusually severe loads as a result of impact or falls.
- g) Foreign bodies could penetrate the press-on band.
- h) The wheels and castors are operated at an excessively high speed.
- i) Changes are made that were not approved by the manufacturer.
- j) The wheels and castors are exposed to mechanical damage due to external factors or a collision.
- k) Application of excessive lateral forces.

The locking of our locking castors of all series is not intended for securing transport and loading in trucks, cars or similar means of transport. Violation of this instruction may result in damage to the locking function.

3.0 Product performance

If no specific information is provided about product performance in our catalogues, brochures, service descriptions, etc., you must contact us to determine if our wheels and castors or their components meet your requirements.

Please refer to the relevant DIN, ISO and EN standards for guidance.

Differing from the standard approach for wheels and castors, the brake forces of castors with brake systems are designed to ensure the optimal balance between high brake forces and low actuation forces.

4.0 Product maintenance

Recommended annual maintenance / inspection:

1. Lubricant should be added once a year for products with a grease nipple until a small amount of grease comes out of the bearings.

We recommend using a multi-purpose

calcium complex based grease with a temperature range of between -30 °C and 140 °C. We recommend using a different grease if the product is used in different application conditions.

2. Check that all of the screw fittings are secure.
3. Check that the wheel, swivel head, lock, directional lock, brakes and other options are functioning properly.
4. Check the play of the wheel bearing and swivel head.

5. Check the air pressure of pneumatic tyres in accordance with the Starline Catalogue.

6. Inspect solid rubber tyres and treads for wear and abrasion.

We recommend performing the above measures more frequently if you are using the products in non-standard application conditions.

Cleaning agents may only be used if they do not contain any substances that may cause damage or corrosion.

Castors and their components must be replaced as soon as they start functioning incorrectly.

5.0 Obligation to provide

Information and instructions

In order to comply with our obligation to provide information, instructions and maintenance guidance in, we provide the following:

- for retailers: catalogues with product and user information
- for users: product and user information

In order to make sure that wheels and castors function properly

- Retailers are obliged to comply with this product information (see 1.0-4.0) and the user information.

Diagrams, drawings, dimensions, etc. are subject to change and are therefore provided on a non-binding basis.



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