

 HEALTH CARE

 KITCHENS AND RESTAURANTS

 INSTITUTIONS AND BUSINESSES

 LOGISTICS

 INDUSTRY

Manner castors and wheels


Catalogue

 **manner**
SMART MOVES ON MANNER CASTORS




**What do the
symbols mean?
You will find the
explanations on
the reverse side.**


Explanation of symbols used




Wheel
diameter mm




Wheel
width mm




Hub or
axle length mm




Bore
diameter mm




Overall
height mm



Swept
radius mm



Swept radius
with brake mm



Bolt hole
diameter mm







Plate length
x width mm




Hole centres
length x width mm



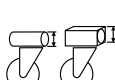
Fastening hole
diameter mm




Stem diameter
and length mm




Threaded stem
diameter x length mm




Tube fitting inner
diameter



Plain
bearing



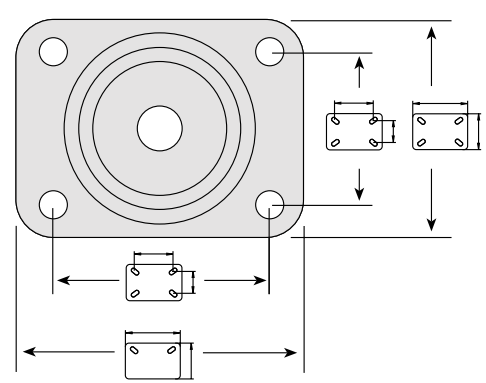
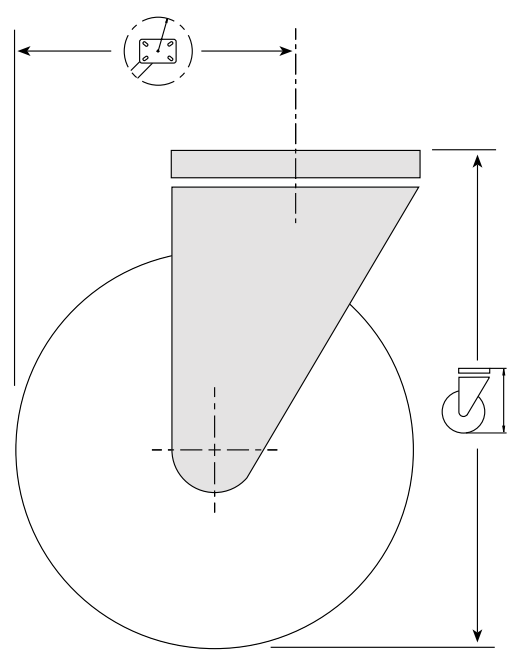
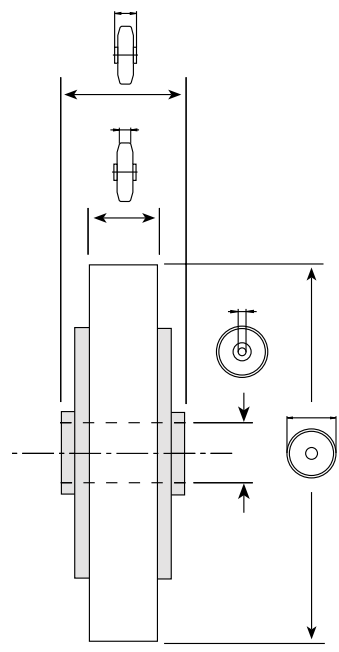
Ball
bearing



Load capacity kg
(~10 Newton)

Sh A

Hardness of tread
material (shore A)





Smooth-running Manner castors!

In this catalogue you will find information on Manner's standard product range and guidelines for choosing the best castor for your specific application.

The right castor for the right place

A correct, appropriate castor is always a worthwhile investment. The impact of the castor on the functionality, reliability and cost of a piece of equipment or transport chain is much more crucial than its impact on the price of said equipment. Here, poor quality is not worth the bargain.

We hope that this catalogue will help you to find the best possible castor to suit your needs.

Selecting a castor

Before choosing a product, please read the guidelines on pages 6–7. The tips provided will make the task that much easier.

Products and technical data

In this catalogue, the products have been grouped in sets from the lightest to the most robust. Those with special features are presented separately.

Orders and customer service

Orders and enquiries can be made by contacting the distributor in your area. When placing your order, please use the 6-digit product numbers to ensure a flawless delivery. You can also contact Manner's sales team:

Contents

Manner – looking after our customers since 1890	4
Guide to choosing the right castor.....	6
Equipment castors	8
Medical castors	14
Tango series	16
Twist series	20
e-SMART series	21
Castors for applications in logistics and industries	22
Medium duty castors	24
Heavy-duty castors	30
Stainless castors.....	34
Non-magnetic castors	38
Conductive castors	42
Special castors and customised solutions.....	46
General Terms for Sales and Delivery	50
Product Liability Terms.....	52

Manner – looking after our customers since 1890

Manner, founded in 1890, is a traditional family-owned company. During its history, the company has manufactured a wide range of objects, from tin household containers to radio masts and from woodworking machines to high-pressure water tanks. Manner has over 80 years' experience in the design and manufacture of a variety of castor products.

Customer orientation and professionalism have always been Manner's core principles. We help our customers to determine their requirements and to find solutions. Our flexible production model allows us to fulfil customer-specific requirements, and our long experience guarantees that every product off our production line is of the highest Manner quality.

Manner's castor products from the 1940s and the 1950s.

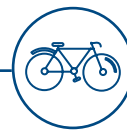


1890

Juho Manner founds the company, which produces kitchenware and tin roofs

1899

The company's new activities include a sports shop and bicycle rentals



1914

Focus on workshop operations

1922

Move to Pitkätatu, where Manner still operates today

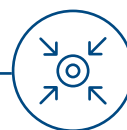


1930

Manner's range includes products such as wagon bogies

1974

Focus on castors as the only products



1994

The first castor entirely made of plastic

2010

e-SMART and SMART win the international Red Dot Design Award



2011

The world's first castor with electric central locking, e-SMART, is launched on the market

2017

Mikko Lietzen joins as Managing Director



2020

The new Twist product series is launched on the market

Designed and manufactured in Finland

Manner's castors are designed and manufactured in Finland, more precisely in the town of Hanko. The high Manner quality is a guarantee that, amongst other things, our products always exceed the requirements set by industry standards. We always take environmental and safety issues into account in all our operations.

Manner's vision

Our vision is to develop as a globally recognised supplier of high-quality castors. Thanks to our in-depth expertise, all of our products are of the highest standard, and our international operations are based on cooperation with trusted partners. By always complying with agreements and keeping our promises we also help our customers to succeed.



Reliable quality

To us, quality means the reliability of operations and products. Customers can be sure that Manner delivers the products they have ordered as promised. All Manner products are tested and ISO-certified, and compliant with the RoHS and REACH requirements. Manner's operation system complies with the ISO 9001 quality standard and the ISO 14001 environmental standard.



reddot design award
best of the best 2010

“Design is a competitive edge factor

Innovative design plays an important role in both the development of new products and the improvement of existing products, and we have long cooperated with top designers. This collaboration has been fruitful as proved by the several industry awards that Manner has received.



MIKKO LIETZEN
MANAGING DIRECTOR, MANNER



Guide to choosing the right castor

Please consider the following points when selecting a castor for a specific application.

1 Determining the load capacity for the castor

Calculating the load capacity

The required load capacity of a castor can be calculated by dividing the total weight of a 4-wheel unit by three; only by three because the unit may sometimes move only on three wheels on an uneven surface.

$$\frac{\text{TOTAL WEIGHT}}{3} = \text{CASTOR LOAD CAPACITY}$$



Calculating the shock load capacity

If the castor is subject to shock load, which can occur, for example, when crossing thresholds or other obstacles, this must be taken into account when determining the load capacity. You can prepare for this by choosing a wheel with a larger diameter and a soft tread. If the castor is subjected to shock load, the total weight of the four-wheel unit is divided by two.

$$\frac{\text{TOTAL WEIGHT}}{2} = \text{CASTOR SHOCK LOAD CAPACITY}$$

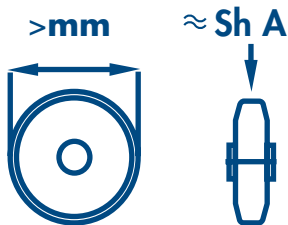


2 Surface and surroundings

The diameter of the wheel, the shape of the tread as well as the material and hardness of the tread have a significant impact on manoeuvrability, rolling resistance and swivel resistance.

Uneven surface = larger wheel and softer tread

The rule of thumb is: the more uneven the surface, the larger the wheel and the softer the tread should be. For a flat surface and good conditions, you can choose the tread more freely.



Castor according to conditions

If the castor is to be used outdoors, in humid environments, at high or low temperatures, or if the castor comes into contact with chemicals, this should be taken into account when selecting the castor. In case of an untreated or absorbent floor material kindly pay attention to the choice of tread material.

3 Bearings

Our range includes castors with plain bearings and ball bearings.

Castors with ball bearings offer lower starting and rolling resistance. There is also less play, which makes the castor and the unit more stable. Manner has focused its manufacturing operations on castors with ball bearings due to the advantages they offer. Most of our wheels and castors are fitted with sealed 2RS ball bearings, which are easy to manoeuvre, maintenance-free and durable. The bearings are located either at the centre of the hub or on both sides of it.



4 Fixing

Choose the most suitable fixing method for the unit in question. A correctly selected and mounted castor also increases operational safety. Our selection includes the following mounting options.



**THREADED
STEM**



EXPANDER



**TOP
PLATE**



**CUSTOMISED
STEM FITTING**

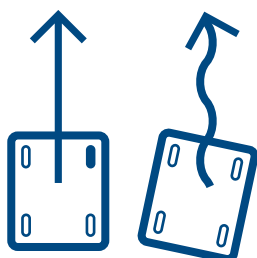
5

Do you require brakes or directional locking?



Single action brake locks the wheel to stop it revolving, total-stop brake also prevents it from turning.

If it is important for the unit to stay in place when it is not moving, you should choose a castor with brake. There are two brake options: single action or total-stop brakes.



Directional lock locks the wheel in the direction of travel.

A directional lock is available for some of Manner's product ranges. The directional lock prevents the wheel from turning and locks it in the direction of travel. A directional lock can be chosen when only swivel castors are used in the unit. The directional lock improves the control of the unit when travelling down long corridors, for example.

Once the lock is released, all castors can once again be turned, and the unit is easy to manoeuvre even in confined spaces.

6 Does the castor require special features?

The functionality of a castor can be supplemented with and improved by several different features. Our range includes a variety of castors such as stainless, conductive and non-magnetic castors.



PLEASE NOTE THE FOLLOWING FACTORS

Load capacity values apply to non-mechanical use in normal temperatures. Please note that the capacity may be considerably different if the castor is used in temperatures outside the normal range. If the wheel contains different materials, heat resistance is determined by the lowest temperature. The speeds are 3–4 km/h depending on the castor set. If conditions are exceptionally demanding, contact our distributors or factory for advice. For more information about how to select castors, please visit www.manner.fi

Equipment castors

Manner's equipment castor selection includes a diverse range of high-quality, durable and smooth running castors. The castors are designed to have a structure that is both durable and stylish. They are also highly reliable and safe.

The forks are made of galvanised steel, and there is a variety of wheel options available depending on the application and operating conditions. The castors are available with a single action brake or total-stop brake, depending on the model.





**EQUIPMENT CASTORS ARE
SUITABLE FOR APPLICATIONS
SUCH AS THE FOLLOWING:**



**INSTITUTIONS AND
BUSINESSES**



HEALTH CARE










**KITCHENS AND
RESTAURANTS**

**EQUIPMENT AND FURNITURE
SHOP FURNISHINGS
CLEANING TROLLEYS
INDUSTRIAL EQUIPMENT
HOSPITAL EQUIPMENT AND FURNITURE
INDUSTRIAL KITCHEN EQUIPMENT
SERVING TROLLEYS
FOOD TRANSPORT TROLLEYS**

SWIVEL CASTOR, BOLT HOLE

PTE polypropylene centre + thermoplastic rubber tyre, plain bearing










Code	Title								Sh A
100138	HP-50 PTE 1)	50	18	66	50	8,2	•	30	78
200307	E-75 PTE	75	23	100	75	10	•	50	80
200303	E-100 PTE	100	23	125	88	10	•	50	80

1) The wheel looks different from the image

SWIVEL CASTOR, BOLT HOLE, BRAKE



Code	Title								Sh A
100139	HP-J-50 PTE 1)	50	18	66	78	8,2	•	30	78
200313	E-J-75 PTE 2)	75	23	100	95	10	•	50	80
200309	E-J-100 PTE 2)	100	23	125	95	10	•	50	80

1) Total-stop brake, the wheel looks different from the image

2) Single action brake

EXPANDER

Expanders are only suitable for use with 75 and 100 mm wheels



Code	Title	Diameter of the tubular expander	Core of the square expander	Expander length
200095	ET-18,19	18-19		59 + - 2
200096	ET-22	22		60 + - 2
200100	ET-28	28		58 + - 2
200165	ET-37	37		58 + - 2
200094	ET-17X17		17x17	60 + - 2
200097	ET-22X22		22x22	59 + - 2
200099	ET-27X27		27x27	58 + - 2
200101	ET-37X37 1)		37x37	58 + - 2

Expander increases structural height by approx. 4 mm

Tube's inner dimensions must match those given in the table.

1) ET-37X37 expander cannot be retrofitted to 100 wheels.



**You can download
the product cards from
manner.fi/en/product-search/**

Equipment castors







WHEEL

S-PTE/K 80 polypropylene centre + thermoplastic rubber tyre, threadguard, ball bearing

S-NP/K polyamide centre + soft polyurethane tyre, threadguard, ball bearing








S-NEK/K polyamide centre + elastic solid rubber tyre, threadguard, ball bearing



Code	Title							Sh A
302983	ESI-S-75 PTE/K 80	75	32	36	8,2	•	70	80
300059	ESI-S-75 NP/K	75	32	36	8,2	•	90	80
300595	ESI-S-100 PTE/K 80	100	32	36	8,2	•	100	80
300047	ESI-S-100 NP/K	100	32	36	8,2	•	100	80
300065	ESI-S-100 NEK/K	100	32	36	8,2	•	80	60
300071	ESI-S-125 PTE/K 80	125	32	36	8,2	•	100	80
300051	ESI-S-125 NP/K	125	32	36	8,2	•	100	80
300069	ESI-S-125 NEK/K	125	32	36	8,2	•	100	60
300075	ESI-S-150 NEK/K	150	32	36	8,2	•	105	60

SWIVEL CASTOR, BOLT HOLE










Code	Title								Sh A
304094	ES-S-75 PTE/K 80	75	32	115	80	10	•	70	80
300038	ES-S-75 NP/K	75	32	115	80	10	•	90	80
300962	ES-S-100 PTE/K 80	100	32	142	90	10	•	100	80
300012	ES-S-100 NP/K	100	32	142	90	10	•	100	80
300341	ES-S-100 NEK/K	100	32	142	90	10	•	80	60
300510	ES-S-125 PTE/K 80	125	32	167	106	10	•	100	80
300022	ES-S-125 NP/K	125	32	167	106	10	•	100	80
300354	ES-S-125 NEK/K	125	32	167	106	10	•	100	60
300363	ES-S-150 NEK/K	150	32	190	115	10	•	105	60

Available with 12 mm bolt hole

SWIVEL CASTOR, BOLT HOLE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title								Sh A
304096	ES-JN-S-75 PTE/K 80	75	32	115	107	10	•	70	80
300834	ES-JN-S-75 NP/K	75	32	115	107	10	•	90	80
301114	ES-JN-S-100 PTE/K 80	100	32	142	107	10	•	100	80
300825	ES-JN-S-100 NP/K	100	32	142	107	10	•	100	80
300879	ES-JN-S-100 NEK/K	100	32	142	107	10	•	80	60
300884	ES-JN-S-125 PTE/K 80	125	32	167	110	10	•	100	80
300817	ES-JN-S-125 NP/K	125	32	167	110	10	•	100	80
300882	ES-JN-S-125 NEK/K	125	32	167	110	10	•	100	60
300894	ES-JN-S-150 NEK/K	150	32	190	115	10	•	105	60

Available with 12 mm bolt hole










EXPANDER



Code	Title	Diameter of the tubular expander	Core of the square expander	Expander length
300372	EST-18,19	18-19		59 + - 2
300373	EST-22	22		60 + - 2
300381	EST-28	28		57 + - 2
300788	EST-37	37		58 + - 2
300370	EST-17X17		17x17	60 + - 2
300375	EST-22X22		22x22	59 + - 2
300379	EST-27X27		27x27	57 + - 2
300382	EST-37X37		37x37	57 + - 2










SWIVEL CASTOR, RECTANGULAR TOP PLATE



Code	Title										Sh A
304101	ESL-S-75 PTE/K 80	75	32	115	80	95X70	75X45	8,5	•	70	80
300165	ESL-S-75 NP/K	75	32	115	80	95X70	75X45	8,5	•	90	80
300800	ESL-S-100 PTE/K 80	100	32	142	90	95X70	75X45	8,5	•	100	80
300152	ESL-S-100 NP/K	100	32	142	90	95X70	75X45	8,5	•	100	80
300203	ESL-S-100 NEK/K	100	32	142	90	95X70	75X45	8,5	•	80	60
300485	ESL-S-125 PTE/K 80	125	32	167	106	95X70	75X45	8,5	•	100	80
300156	ESL-S-125 NP/K	125	32	167	106	95X70	75X45	8,5	•	100	80
300207	ESL-S-125 NEK/K	125	32	167	106	95X70	75X45	8,5	•	100	60
300210	ESL-S-150 NEK/K	150	32	190	115	95X70	75X45	8,5	•	105	60

SWIVEL CASTOR, RECTANGULAR TOP PLATE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title										Sh A
304102	ESL-JN-S-75 PTE/K 80	75	32	115	107	95X70	75X45	8,5	•	70	80
300865	ESL-JN-S-75 NP/K	75	32	115	107	95X70	75X45	8,5	•	90	80
300970	ESL-JN-S-100 PTE/K 80	100	32	142	107	95X70	75X45	8,5	•	100	80
300856	ESL-JN-S-100 NP/K	100	32	142	107	95X70	75X45	8,5	•	100	80
300898	ESL-JN-S-100 NEK/K	100	32	142	107	95X70	75X45	8,5	•	80	60
300900	ESL-JN-S-125 PTE/K 80	125	32	167	110	95X70	75X45	8,5	•	100	80
300859	ESL-JN-S-125 NP/K	125	32	167	110	95X70	75X45	8,5	•	100	80
300899	ESL-JN-S-125 NEK/K	125	32	167	110	95X70	75X45	8,5	•	100	60
300905	ESL-JN-S-150 NEK/K	150	32	190	115	95X70	75X45	8,5	•	105	60

Medical castors

Manner's medical castors combine perfect design, innovation, practicality and reliability. The castors are easy to manoeuvre and maintenance-free. The castors are made of glass fibre reinforced polyamide. Thanks to the materials and design, the castors are corrosion-resistant and easy to clean.

The range includes both traditional single-wheel solutions and twin-wheel castors. The products offer plenty of opportunities for customised solutions, subject to minimum order quantities. The range of medical castors includes the following well-known Manner brands.

Medical castors include castors in the Tango, Twist and e-SMART series.

**MEDICAL CASTORS ARE SUITABLE
FOR APPLICATIONS SUCH AS THE
FOLLOWING:**



HEALTH CARE



**KITCHENS AND
RESTAURANTS**



**INSTITUTIONS AND
BUSINESSES**

SHOWER CHAIRS

ASSISTIVE DEVICES

CARE BEDS

HOSPITAL BEDS

TREATMENT CHAIRS

REHABILITATION EQUIPMENT

**HOSPITAL FURNITURE
AND EQUIPMENT**

INDUSTRIAL KITCHEN EQUIPMENT

SERVING TROLLEYS

SHOP FURNISHINGS

Medical castors Tango

The **Tango** is a versatile and adaptable equipment castor that is suitable even for challenging applications. The easy to manoeuvre, maintenance-free Tango is made of glass fibre reinforced polyamide. Thanks to its materials and design, the Tango is corrosion-resistant and easy to clean. Typical environments for the Tango include hospitals, rehabilitation facilities, kitchens, restaurants, shops, offices, public spaces and factories.

SWIVEL CASTOR, BOLT HOLE

S-PTE/K 80 polypropylene centre + thermoplastic rubber tyre, threadguard, ball bearing

S-NP/K polyamide centre + soft polyurethane tyre, threadguard, ball bearing

S-NEK/K polyamide centre + elastic rubber tyre, threadguard, ball bearing



Code	Title								Sh A
301719	GK-S-75 PTE/K 80	75	32	110	73	10	•	70	80
304391	GK-S-75 NP/K	75	32	110	73	10	•	90	80
301727	GK-S-100 PTE/K 80	100	32	141	95	10	•	100	80
301723	GK-S-100 NEK/K	100	32	141	95	10	•	80	60
303973	GK-S-100 NP/K	100	32	141	95	10	•	100	80
301637	GK-S-125 PTE/K 80	125	32	161	110	10	•	100	80
301668	GK-S-125 NEK/K	125	32	161	110	10	•	100	60
303977	GK-S-125 NP/K	125	32	161	110	10	•	100	80

Available with 12 mm bolt hole

SWIVEL CASTOR, BOLT HOLE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title								Sh A
301731	GK-J-S-75 PTE/K 80	75	32	110	94	10	•	70	80
304395	GK-J-S-75 NP/K	75	32	110	94	10	•	90	80
301739	GK-J-S-100 PTE/K 80	100	32	141	95	10	•	100	80
301735	GK-J-S-100 NEK/K	100	32	141	95	10	•	80	60
303984	GK-J-S-100 NP/K	100	32	141	95	10	•	100	80
301639	GK-J-S-125 PTE/K 80	125	32	161	110	10	•	100	80
301672	GK-J-S-125 NEK/K	125	32	161	110	10	•	100	60
303988	GK-J-S-125 NP/K	125	32	161	110	10	•	100	80

Available with 12 mm bolt hole

**SWIVEL CASTOR, THREADED STEM**

Code	Title								Sh A
301743	GKR-S-75 PTE/K 80	75	32	110	73	10X16	•	70	80
304399	GKR-S-75 NP/K	75	32	110	73	10X16	•	90	80
301751	GKR-S-100 PTE/K 80	100	32	141	95	10X16	•	100	80
301747	GKR-S-100 NEK/K	100	32	141	95	10X16	•	80	60
304000	GKR-S-100 NP/K	100	32	141	95	10X16	•	100	80
301649	GKR-S-125 PTE/K 80	125	32	161	110	10X16	•	100	80
301676	GKR-S-125 NEK/K	125	32	161	110	10X16	•	100	60
304004	GKR-S-125 NP/K	125	32	161	110	10X16	•	100	80

Available with 12 mm threaded stem

SWIVEL CASTOR, THREADED STEM, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL

Code	Title								Sh A
301755	GKR-J-S-75 PTE/K 80	75	32	110	94	10X16	•	70	80
304403	GKR-J-S-75 NP/K	75	32	110	94	10X16	•	90	80
301763	GKR-J-S-100 PTE/K 80	100	32	141	95	10X16	•	100	80
301759	GKR-J-S-100 NEK/K	100	32	141	95	10X16	•	80	60
304012	GKR-J-S-100 NP/K	100	32	141	95	10X16	•	100	80
301651	GKR-J-S-125 PTE/K 80	125	32	161	110	10X16	•	100	80
301680	GKR-J-S-125 NEK/K	125	32	161	110	10X16	•	100	60
304016	GKR-J-S-125 NP/K	125	32	161	110	10X16	•	100	80

Available with 12 mm threaded stem

SWIVEL CASTOR, THREADED STEM, DIRECTIONAL LOCK LOCKS THE CASTOR IN THE DIRECTION OF TRAVEL

Code	Title								Sh A
301767	GKR-R-S-75 PTE/K 80	75	32	110	94	10X16	•	70	80
304407	GKR-R-S-75 NP/K	75	32	110	94	10X16	•	90	80
301775	GKR-R-S-100 PTE/K 80	100	32	141	95	10X16	•	100	80
301771	GKR-R-S-100 NEK/K	100	32	141	95	10X16	•	80	60
304024	GKR-R-S-100 NP/K	100	32	141	95	10X16	•	100	80
301707	GKR-R-S-125 PTE/K 80	125	32	161	110	10X16	•	100	80
301703	GKR-R-S-125 NEK/K	125	32	161	110	10X16	•	100	60
304028	GKR-R-S-125 NP/K	125	32	161	110	10X16	•	100	80

Available with 12 mm threaded stem

Medical castors









SWIVEL CASTOR, RECTANGULAR TOP PLATE

S-PTE/K 80 polypropylene centre + thermoplastic rubber tyre, threadguard, ball bearing

S-NP/K polyamide centre + soft polyurethane tyre, threadguard, ball bearing









S-NEK/K polyamide centre + elastic rubber tyre, threadguard, ball bearing



Code	Title										Sh A
301779	GKL-S-75 PTE/K 80	75	32	117	73	77X67	61/51X50/42	8	•	70	80
304410	GKL-S-75 NP/K	75	32	117	73	77X67	61/51X50/42	8	•	90	80
301787	GKL-S-100 PTE/K 80	100	32	148	95	77X67	61/51X50/42	8	•	100	80
301783	GKL-S-100 NEK/K	100	32	148	95	77X67	61/51X50/42	8	•	80	60
304033	GKL-S-100 NP/K	100	32	148	95	77X67	61/51X50/42	8	•	100	80
301688	GKL-S-125 PTE/K 80	125	32	168	110	77X67	61/51X50/42	8	•	100	80
301684	GKL-S-125 NEK/K	125	32	168	110	77X67	61/51X50/42	8	•	100	60
304035	GKL-S-125 NP/K	125	32	168	110	77X67	61/51X50/42	8	•	100	80

SWIVEL CASTOR, RECTANGULAR TOP PLATE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title										Sh A
301791	GKL-J-S-75 PTE/K 80	75	32	117	94	77X67	61/51X50/42	8	•	70	80
304412	GKL-J-S-75 NP/K	75	32	117	94	77X67	61/51X50/42	8	•	90	80
301799	GKL-J-S-100 PTE/K 80	100	32	148	95	77X67	61/51X50/42	8	•	100	80
301795	GKL-J-S-100 NEK/K	100	32	148	95	77X67	61/51X50/42	8	•	80	60
304039	GKL-J-S-100 NP/K	100	32	148	95	77X67	61/51X50/42	8	•	100	80
301697	GKL-J-S-125 PTE/K 80	125	32	168	110	77X67	61/51X50/42	8	•	100	80
301693	GKL-J-S-125 NEK/K	125	32	168	110	77X67	61/51X50/42	8	•	100	60
304041	GKL-J-S-125 NP/K	125	32	168	110	77X67	61/51X50/42	8	•	100	80

FIXED CASTOR, THREADED STEM



Code	Title							Sh A
301033	GPR-S-100 PTE/K 80	100	32	141	10x16	•	100	80
301035	GPR-S-100 NEK/K	100	32	141	10x16	•	80	60
304049	GPR-S-100 NP/K	100	32	141	10x16	•	100	80
301037	GPR-S-125 PTE/K 80	125	32	161	10x16	•	100	80
301039	GPR-S-125 NEK/K	125	32	161	10x16	•	100	60
304051	GPR-S-125 NP/K	125	32	161	10x16	•	100	80

The standard colour of the Tango castor is grey (RAL 7042). The castor is also available in light grey (RAL 7035) and black, subject to minimum order quantities. Standard colours for brake pedal are red, grey RAL 7042, dark grey RAL 7024 and black. Castors with thermo plastic rubber tyre can be offered with a protection film on wheel tread, subject to minimum order quantity.



**FIXED CASTOR, RECTANGULAR TOP PLATE**

Code	Title									Sh A
301041	GPL-S-100 PTE/K 80	100	32	148	77X67	61/51X50/42	8	•	100	80
301043	GPL-S-100 NEK/K	100	32	148	77X67	61/51X50/42	8	•	80	60
304053	GPL-S-100 NP/K	100	32	148	77X67	61/51X50/42	8	•	100	80
301045	GPL-S-125 PTE/K 80	125	32	168	77X67	61/51X50/42	8	•	100	80
301047	GPL-S-125 NEK/K	125	32	168	77X67	61/51X50/42	8	•	100	60
304055	GPL-S-125 NP/K	125	32	168	77X67	61/51X50/42	8	•	100	80

EXPANDER

Code	Title	Diameter of the tubular expander	Core of the square expander	Expander length
300418	GKT-18,19	18-19		61 + - 2
300419	GKT-22	22		61 + - 2
300423	GKT-28	28		61 + - 2
300783	GKT-37	37		61 + - 2
300417	GKT-17X17		17	61 + - 2
300420	GKT-22X22		22	61 + - 2
300422	GKT-27X27		27	61 + - 2
300424	GKT-37X37		37	61 + - 2

BUMPER

Polypropylene centre, soft thermoplastic rubber



Code	Title			Diameter of the tubular expander	Core of the square expander	Sh A
303956	TSGK-90 PTE	90	10			70
303958	TSGK-90 PTE/17-22	90		17-22	17X17, 22X22	70
303959	TSGK-90 PTE/25-37	90		25-37	27X27, 37X37	70

Available with 12 mm threaded stem

Customer-specific special colours and company logo on the brake pedal are also available for orders of larger quantities. See examples in the section Special castors and customised solutions. Contact us for more information.



Tango – is an easy to manoeuvre, sturdy and high-quality twin wheel castor. Its special feature is its intuitive brake pedal, which clearly shows the status of the locking system. Thanks to its materials and design, the Twist is corrosion-resistant and easy to clean.

SWIVEL CASTOR, BOLT HOLE

S-GP/K glass fibre reinforced polyamide centre + soft polyurethane tyre, ball bearing



Code	Title								Sh A
305010	TW-S-125 GP/K H	125	81	143	102	10	•	125	95

Also available with 12 mm bolt hole

Also available with a lower structural height, 130 mm

SWIVEL CASTOR, BOLT HOLE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title								Sh A
305011	TW-J-S-125 GP/K H	125	81	143	133	10	•	125	95

Also available with 12 mm bolt hole

Also available with a lower structural height, 130 mm

The standard colour of the Twist is light grey (RAL 7035). This castor is also available in grey (RAL 7042) and black, subject to minimum order quantities. Standard colours for brake pedal are red and dark grey RAL 7024.



The Twist provides plenty of opportunities for customisation in orders of larger quantities. For example, the colour of the castor frame, pedal, centre and cover plate, and the logo can be changed according to the customer's wishes. Contact us for more information.

The e-SMART – is an equipment castor with electric central locking.
Its superior ergonomics and safety improve and facilitate work.










reddot design award
best of the best 2010

SWIVEL CASTOR WITH ELECTRIC CENTRAL LOCKING ELECTRIC CENTRAL LOCKING LOCKS WHEEL AND SWIVEL

GPF/K glass fibre reinforced polyamide centre + soft polyurethane tyre, ball bearing
Mounting on a rectangular mounting tube with external dimensions of 50x50 mm










Code	Title								Sh A
302962	FK50X50-EJ-S-125 GPF/K	125	32	172	105	46X46	•	150	80

SWIVEL CASTOR WITH ELECTRIC DIRECTIONAL LOCKING ELECTRIC DIRECTIONAL LOCK LOCKS THE CASTOR IN THE DIRECTION OF TRAVEL

Mounting on a rectangular mounting tube with external dimensions of 50x50 mm










Code	Title								Sh A
302974	FK50X50-ER-S-125 GPF/K	125	32	172	105	46X46	•	150	80
302977	FK50X50-ER90-S-125 GPF/K	125	32	172	105	46X46	•	150	80

Two models, depending on how the mounting tube is in relation to the direction of travel.

SWIVEL CASTOR WITH ELECTRIC CENTRAL LOCKING ELECTRIC CENTRAL LOCKING LOCKS WHEEL AND SWIVEL

Mounting on a round mounting tube with external diameter of 60 mm










Code	Title								Sh A
302975	FK60-EJ-S-125 GPF/K	125	32	167	105	54,5	•	150	80

SWIVEL CASTOR WITH ELECTRIC DIRECTIONAL LOCKING ELECTRIC DIRECTIONAL LOCK LOCKS THE CASTOR IN THE DIRECTION OF TRAVEL

Mounting on a round mounting tube with external diameter of 60 mm



Code	Title								Sh A
302976	FK60-ER-S-125 GPF/K	125	32	167	105	54,5	•	150	80
302978	FK60-ER90-S-125 GPF/K	125	32	167	105	54,5	•	150	80

Two models, depending on how the mounting tube is in relation to the direction of travel.

Castors must be connected to a control system which controls their functions.
Contact us for more detailed information.

Products for applications in logistics and industries

Users have been impressed by the functionality and durability of Manner's castors for logistics and industrial uses. With their extra-strong structure, they are long-lasting and ideal for continuous heavy-duty use.

Medium duty castors are ideal on sites such as breweries and dairies as well as logistics operations in shops.

The fork is made of pressed galvanised steel, and the double ball race in the swivel bearing is fitted with hardened steel balls. Maintenance-free castors with ball bearings make even the heaviest loads easy to handle.

Manner's range features several castor options for a variety of uses. The castors can be customised using the customer's colour scheme when the minimum number is ordered, and they are also available as conductive versions.

Heavy-duty castors are intended for equipment which must withstand heavy loads and excessive use. Manner's range includes castors with a load capacity of up to 6200 kg. The forks are fitted with a strong and durable swivel bearing, and the tread is made of polyamide, polyurethane or cast urethane. As standard, the castors are fitted with ball bearings that ensure easy manoeuvrability even under heavy loads.

CASTORS FOR APPLICATIONS IN LOGISTICS AND INDUSTRIES ARE SUITABLE FOR USES SUCH AS THE FOLLOWING:



INDUSTRIES



LOGISTICS

APPLICATIONS FOR THE MEDIUM DUTY CASTORS:

MILK ROLL CONTAINERS

ROLLER CAGES

LAUNDRY WAGONS

DOLLIES

FOOD TROLLEYS

WASTE CONTAINERS

**INDUSTRIAL MACHINES
AND EQUIPMENT**

APPLICATIONS FOR THE HEAVY-DUTY CASTORS:

**HEAVY INDUSTRIAL WAGONS
AND EQUIPMENT**

BOAT STANDS

HEAVY-DUTY HOISTS

PUMP CARTS

LIFT TRUCKS

Castors for applications in logistics and industries

WHEEL

N/K polyamide, ball bearing



Code	Title						
400067	LI-100 N/K	100	36	46	10	•	200
400096	LI-125 N/K	125	36	46	10	•	240
401650	LI-200/50 N/K L	200	50	61,5	12	•	600

200 mm castor looks different, the wheel is white

SWIVEL CASTOR, BOLT HOLE



Code	Title							
400191	LK-100 N/K	100	36	132	90	12,5	•	140
400222	LK-125 N/K	125	36	157	106	12,5	•	145









SWIVEL CASTOR, BOLT HOLE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title							
400524	LK-J-100 N/K	100	36	132	110	12,5	•	140
400544	LK-J-125 N/K	125	36	157	110	12,5	•	145

SWIVEL CASTOR, RECTANGULAR TOP PLATE



Code	Title									
400302	LKE-100 N/K	100	36	132	90	105X85	80X60	9	•	140
400330	LKE-125 N/K	125	36	157	106	105X85	80X60	9	•	145
401645	LKE-200/50 N/K L	200	50	240	159	135X110	105X80	10	•	300

200 mm castor looks different, the wheel is white

SWIVEL CASTOR, RECTANGULAR TOP PLATE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL











Code	Title									
400385	LKE-J-100 N/K	100	36	132	110	105X85	80X60	9	•	140
400406	LKE-J-125 N/K	125	36	157	110	105X85	80X60	9	•	145
401646	LKE-J-200/50 N/K L	200	50	240	161	135X110	105X80	10	•	300

200 mm castor looks different, the wheel is white

FIXED CASTOR, RECTANGULAR TOP PLATE









Code	Title								
400639	LPPE-100 N/K	100	36	132	105X85	80X60	9	•	140
400661	LPPE-125 N/K	125	36	157	105X85	80X60	9	•	145
401647	LPPE-200/50 N/K L	200	50	240	135X110	105X80/75	10	•	300

WHEEL

ND/K polyamide centre + polyurethane tyre, ball bearing

AS/K polyamide centre + soft polyurethane tyre, ball bearing










Code	Title							Sh A
400079	LI-100 ND/K	100	36	46	10	•	160	98
400103	LI-125 ND/K	125	36	46	10	•	160	98
400121	LI-160 ND/K	160	40	51,5	11	•	350	98
401681	LI-200/50 ND/K L	200	50	61,5	12	•	550	98

The centre of the 200 mm wheel is white and the tread is orange








SWIVEL CASTOR, BOLT HOLE



Code	Title								Sh A
400204	LK-100 ND/K	100	36	132	90	12,5	•	140	98
400228	LK-125 ND/K	125	36	157	106	12,5	•	145	98

SWIVEL CASTOR, BOLT HOLE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title								Sh A
400530	LK-J-100 ND/K	100	36	132	110	12,5	•	140	98
400548	LK-J-125 ND/K	125	36	157	110	12,5	•	145	98

Castors for applications in logistics and industries

SWIVEL CASTOR, RECTANGULAR TOP PLATE



Code	Title										Sh A
400313	LKE-100 ND/K	100	36	132	90	105X85	80X60	9	•	140	98
401510	LSE-100/52 AS/K L 1)	100	40	137	91	105X85	80X60	8	•	250	87
400334	LKE-125 ND/K	125	36	157	106	105X85	80X60	9	•	145	98
401514	LSE-125/52 AS/K L 1)	125	40	163	104	105X85	80X60	8	•	300	87
401158	LKE-160 ND/K L	160	40	191	131	135X110	105X80	10	•	200	98
401694	LKE-200/50 ND/K L 2)	200	50	240	159	135X110	105X80	10	•	300	98

- 1) The wheel looks different from the image. The centre of the wheel is white and the tread is blue.
 2) The wheel looks different from the image. The centre of the wheel is white and the tread is orange.

SWIVEL CASTOR, RECTANGULAR TOP PLATE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title										Sh A
400391	LKE-J-100 ND/K	100	36	132	110	105X85	80X60	9	•	140	98
401517	LSE-J-100/52 AS/K L 1)	100	40	137	140	105X85	80X60	8	•	250	87
400410	LKE-J-125 ND/K	125	36	157	110	105X85	80X60	9	•	145	98
401521	LSE-J-125/52 AS/K L 1)	125	40	163	140	105X85	80X60	8	•	300	87
401160	LKE-J-160 ND/K L	160	40	191	138	135X110	105X80	10	•	200	98
401695	LKE-J-200/50 ND/K L 2)	200	50	240	161	135X110	105X80	10	•	300	98

- 1) The wheel looks different from the image. The centre of the wheel is white and the tread is blue.
 2) The wheel looks different from the image. The centre of the wheel is white and the tread is orange.

FIXED CASTOR, RECTANGULAR TOP PLATE









Code	Title									Sh A
400646	LPPE-100 ND/K	100	36	132	105X85	80X60	9	•	140	98
401524	LPSE-100/52 AS/K L 1)	100	40	137	105X85	80X60	8	•	250	87
400666	LPPE-125 ND/K	125	36	157	105X85	80X60	9	•	145	98
401528	LPSE-125/52 AS/K L 1)	125	40	163	105X85	80X60	8	•	300	87
401162	LPPE-160 ND/K L	160	40	191	135X110	105X80	10	•	200	98
401696	LPPE-200/50 ND/K L 2)	200	50	240	135X110	105X80	10	•	300	98

- 1) The wheel looks different from the image. The centre of the wheel is white and the tread is blue.
 2) The wheel looks different from the image. The centre of the wheel is white and the tread is orange.

WHEEL

PK polypropylene centre + black rubber tyre, plain bearing












Code	Title							Sh A
401653	LI-100 PK L	100	30	41,5	8	•	75	85
401654	LI-125 PK L	125	37,5	51,5	11	•	100	85
401655	LI-160 PK L	160	40	51,5	11	•	135	85
401656	LI-200 PK L	200	50	61,5	12	•	205	85

Please note that the 100 and 125 mm wheels do not fit into standard Manner forks. Please contact us for more information.










SWIVEL CASTOR, RECTANGULAR TOP PLATE



Code	Title										Sh A
401674	LKE-100 PK L	100	30	128	87	102X83	80X60	8	•	75	85
401657	LKE-125 PK L	125	37,5	160	112	102X83	80X60	8	•	100	85
401660	LKE-160/40 PK L	160	40	191	131	135X110	105X80	10	•	135	85
401663	LKE-200/50 PK L	200	50	240	159	135X110	105X80	10	•	205	85









SWIVEL CASTOR, RECTANGULAR TOP PLATE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title										Sh A
401675	LKE-J-100 PK L	100	30	128	108	102X83	80X60	8	•	75	85
401658	LKE-J-125 PK L	125	37,5	160	140	102X83	80X60	8	•	100	85
401661	LKE-J-160/40 PK L	160	40	191	140	135X110	105X80	10	•	135	85
401664	LKE-J-200/50 PK L	200	50	240	168	135X110	105X80	10	•	205	85

FIXED CASTOR, RECTANGULAR TOP PLATE









Code	Title									Sh A
401676	LPPE-100 PK L	100	30	128	102X83	80X60	8	●	75	85
401659	LPPE-125 PK L	125	37,5	160	102X83	80X60	8	●	100	85
401662	LPPE-160/40 PK L	160	40	191	135X110	105X80	10	●	135	85
401665	LPPE-200/50 PK L	200	50	240	135X110	105X80	10	●	205	85

Castors for applications in logistics and industries

WHEEL







NEK/K polyamide centre + elastic rubber tyre, ball bearing



Code	Title							Sh A
400086	LI-100 NEK/K	100	38	46	10	•	150	60
400109	LI-125 NEK/K	125	40	46	10	•	200	60
400126	LI-160 NEK/K	160	40	51	10	•	280	60
400143	LI-200 NEK/K	200	50	61	12	•	400	60







SWIVEL CASTOR, BOLT HOLE



Code	Title							Sh A	
400212	LK-100 NEK/K	100	38	132	90	12,5	•	140	60
400231	LK-125 NEK/K	125	40	157	106	12,5	•	145	60









SWIVEL CASTOR, BOLT HOLE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title								Sh A
400533	LK-J-100 NEK/K	100	38	132	110	12,5	●	140	60
400551	LK-J-125 NEK/K	125	40	157	110	12,5	●	145	60

SWIVEL CASTOR, RECTANGULAR TOP PLATE












Code	Title										Sh A
400318	LKE-100 NEK/K	100	38	132	90	105X85	80X60	9	•	140	60
400337	LKE-125 NEK/K	125	40	157	106	105X85	80X60	9	•	145	60
401178	LKE-160 NEK/K L	160	40	191	131	135X110	105X80	10	•	200	60
401188	LKE-200 NEK/K L	200	50	240	159	135X110	105X80	10	•	300	60

160 mm and 200 mm wheels differ in appearance from the wheel in the image

SWIVEL CASTOR, RECTANGULAR TOP PLATE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL











Code	Title										Sh A
400394	LKE-J-100 NEK/K	100	38	132	110	105X85	80X60	9	•	140	60
400414	LKE-J-125 NEK/K	125	40	157	110	105X85	80X60	9	•	145	60
401180	LKE-J-160 NEK/K L	160	40	191	138	135X110	105X80	10	•	200	60
401190	LKE-J-200 NEK/K L	200	50	240	161	135X110	105X80	10	•	300	60

160 mm and 200 mm wheels differ in appearance from the wheel in the image

FIXED CASTOR, RECTANGULAR TOP PLATE



Code	Title									Sh A
400650	LPPE-100 NEK/K	100	38	132	105X85	80X60	9	•	140	60
400669	LPPE-125 NEK/K	125	40	157	105X85	80X60	9	•	145	60
401182	LPPE-160 NEK/K L	160	40	191	135X110	105X80	10	•	200	60
401192	LPPE-200 NEK/K L	200	50	240	135X110	105X80	10	•	300	60



NEK is Manner's extra soft, elastic rubber wheel:

- Travels steadily and softly even on uneven surfaces
- Flexible and quiet
- Does not leave marks even on sensitive floors, e.g. in sport halls
- Quiet and easy to manoeuvre; ideal for theatre props and hospital equipment, for example







The NEK wheel is also available in the Tango and equipment castor ranges.
The NEK wheel is also ideal for unclean surfaces with sharp chips, for example.

Castors for applications in logistics and industries

WHEEL

N/K polyamide, ball bearing












Code	Title						
600068	SI-100 N/K L	100	37	51,5	11	•	450
600069	SI-125 N/K L	125	45	51,5	11	•	700
600070	SI-150 N/K L	150	48	61,5	15	•	900
600071	SI-200 N/K L	200	50	61,5	15	•	1200
600072	SI-250 N/K L	250	60	61,5	15	•	1400

NB. The measures of the hub length and the bore diameter include the axle bushing.










SWIVEL CASTOR, RECTANGULAR TOP PLATE



Code	Title									
600133	SKLP-100 N/K L	100	37	137	92	105X85	80X60	8	•	450
600134	SKLP-125 N/K L	125	45	163	104	135X110	105X80	10	•	450
600087	SKLP-150 N/K L	150	48	202	138	135X110	105X80	12	•	850
600088	SKLP-200 N/K L	200	50	249	165	135X110	105X80	12	•	850
600089	SKLP-250 N/K L	250	60	304	195	135X110	105X80	12	•	800









SWIVEL CASTOR, RECTANGULAR TOP PLATE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title									
600135	SKLP-J-100 N/K L	100	37	137	140	105X85	80X60	8	•	450
600136	SKLP-J-125 N/K L	125	45	163	140	135X110	105X80	10	•	450
600137	SKLP-J-150 N/K L	150	48	202	165	135X110	105X80	12	•	850
600138	SKLP-J-200 N/K L	200	50	249	180	135X110	105X80	12	•	850
600139	SKLP-J-250 N/K L	250	60	304	210	135X110	105X80	12	•	800

FIXED CASTOR, RECTANGULAR TOP PLATE









Code	Title								
600140	SPLP-100 N/K L	100	37	137	105X85	80X60	8	•	450
600141	SPLP-125 N/K L	125	45	163	135X110	105X80	10	•	450
600097	SPLP-150 N/K L	150	48	202	135X110	105X80	12	•	850
600098	SPLP-200 N/K L	200	50	249	135X110	105X80	12	•	850
600099	SPLP-250 N/K L	250	60	304	135X110	105X80	12	•	800

WHEEL

ALV/K aluminium centre + cast polyurethane tread, ball bearing












Code	Title							Sh A
600073	SI-80 ALV/K L	80	40	51,5	11	•	250	95
600074	SI-100 ALV/K L	100	40	51,5	11	•	280	95
600075	SI-125 ALV/K L	125	30	51,5	11	•	250	95
600076	SI-150 ALV/K L	150	40	51,5	11	•	400	95
600077	SI-200 ALV/K L	200	50	61,5	15	•	800	95

NB. The measures of the hub length and the bore diameter include the axle bushing.










SWIVEL CASTOR, RECTANGULAR TOP PLATE



Code	Title										Sh A
600142	SKLP-100 ALV/K L	100	40	137	92	105X85	80X60	8	•	280	95
600143	SKLP-125 ALV/K L	125	30	163	104	135X110	105X80	10	•	250	95
600144	SKLP-150 ALV/K L	150	40	194	125	135X110	105X80	10	•	400	95
600104	SKLP-200 ALV/K L	200	50	249	165	135X110	105X80	12	•	800	95









SWIVEL CASTOR, RECTANGULAR TOP PLATE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title										Sh A
600145	SKLP-J-100 ALV/K L	100	40	137	140	105X85	80X60	8	•	280	95
600146	SKLP-J-125 ALV/K L	125	30	163	140	135X110	105X80	10	•	250	95
600147	SKLP-J-150 ALV/K L	150	40	194	180	135X110	105X80	10	•	400	95
600148	SKLP-J-200 ALV/K L	200	50	249	180	135X110	105X80	12	•	800	95

FIXED CASTOR, RECTANGULAR TOP PLATE









Code	Title									Sh A
600150	SPLP-100 ALV/K L	100	40	137	105X85	80X60	8	•	280	95
600151	SPLP-125 ALV/K L	125	30	163	135X110	105X80	10	•	250	95
600152	SPLP-150 ALV/K L	150	40	194	135X110	105X80	10	•	400	95
600115	SPLP-200 ALV/K L	200	50	249	135X110	105X80	12	•	800	95

Castors for applications in logistics and industries

WHEEL

VV/K cast iron centre + cast polyurethane tread, ball bearing



Code	Title							Sh A
600017	SI-82 VV/K L	82	28	41,5	9	•	220	95
600079	SI-100 VV/K L	100	50	51,5	11	•	450	95
600080	SI-125 VV/K L	125	50	51,5	11	•	480	95
600013	SI-150 VV/K L	150	50	61,5	15	•	700	95
600015	SI-200 VV/K L	200	50	61,5	15	•	1000	95
600016	SI-250 VV/K L	250	60	75	19	•	1400	95
600059	SI-300 VV/K L	300	70	75	18,5	•	2200	95
600060	SI-400 VV/K L	400	100	150,5	25	•	3200	95
600163	SI-500 VV/K L 1)	500	100	120	40 1)	•	3700	95










NB. The measures of the hub length and the bore diameter include the axle bushing.

1) Bushing not included

*Available to order
(not in stock)

SWIVEL CASTOR, RECTANGULAR TOP PLATE











Code	Title										Sh A
600035	SKL-82 VV/K L	82	70	131	96	135X110	105X80	12	•	700	95
600117	SKL-100 VV/K L	100	50	160	100	135X110	105X80	10	•	450	95
600118	SKL-125 VV/K L	125	50	172	112,5	135X110	105X80	10	•	480	95
600026	SKL-150 VV/K L	150	50	202	140	135X110	105X80	12	•	700	95
600029	SKL-200 VV/K L	200	50	251	170	135X110	105X80	12	•	1000	95
600032	SKL-250 VV/K L	250	60	307	210	200X160	160X120	14	•	1400	95
600033	SKL-300 VV/K L	300	70	350	243	200X160	160X120	14	•	1800	95
600119	SKL-400 VV/K L	400	100	505	290	255X205	210X160	18	•	3200	95

*Available to order
(not in stock)

FIXED CASTOR, RECTANGULAR TOP PLATE











Code	Title									Sh A
600055	SPL-82 VV/K L	82	70	131	135X110	105X80	12	•	700	95
600120	SPL-100 VV/K L	100	50	160	135X110	105X80	10	•	450	95
600121	SPL-125 VV/K L	125	50	172	135X110	105X80	10	•	480	95
600048	SPL-150 VV/K L	150	50	202	135X110	105X80	12	•	700	95
600051	SPL-200 VV/K L	200	50	251	135X110	105X80	12	•	1000	95
600053	SPL-250 VV/K L	250	60	307	200X160	160X120	14	•	1400	95
600122	SPL-300 VV/K L	300	70	350	200X160	160X120	14	•	1800	95
600123	SPL-400 VV/K L	400	100	505	255X205	210X160	18	•	3200	95

*Available to order
(not in stock)

TWIN WHEEL SWIVEL CASTOR, RECTANGULAR TOP PLATE










Code	Title									Sh A		
600019	SKL-100/2 VV/K L	100	30+30	140	105	135X110	105X80	12	●	600	95	*
600124	SKL-125/2 VV/K L	125	40+40	197	122	200X160	160X120	14	●	800	95	*
600024	SKL-150/2 VV/K L	150	40+40	210	135	200X160	160X120	14	●	1000	95	*
600028	SKL-200/2 VV/K L	200	50+50	270	170	255X205	210X160	16	●	2000	95	
600031	SKL-250/2 VV/K L	250	60+60	323	207	255X205	210X160	16	●	2800	95	
600164	SKL-300/2 VV/K L	300	70+70	380	240	255X205	210X160	16	●	3500	95	*
600165	SKL-400/2 VV/K L	400	100+100	564	290	255X205	210X160	20	●	6200	95	*

*Available to order
(not in stock)

TWIN WHEEL FIXED CASTOR, RECTANGULAR TOP PLATE



Code	Title								Sh A	
600041	SPL-100/2 VV/K L	100	30+30	140	135X110	105X80	12	●	600	95
600125	SPL-125/2 VV/K L	125	40+40	197	200X160	160X120	14	●	800	95
600046	SPL-150/2 VV/K L	150	40+40	210	200X160	160X120	14	●	1000	95
600050	SPL-200/2 VV/K L	200	50+50	270	255X205	210X160	16	●	2000	95
600052	SPL-250/2 VV/K L	250	60+60	323	255X205	210X160	16	●	2800	95
600166	SPL-300/2 VV/K L	300	70+70	380	255X205	210X160	16	●	3500	95
600167	SPL-400/2 VV/K L	400	100+100	564	255X205	210X160	20	●	6200	95

*Available to order
(not in stock)



STAINLESS

Stainless castors

Stainless castors are the right choice for wet and humid conditions that have a corrosive effect. Example applications include food industry equipment and trolleys as well as furniture, equipment and trolleys in industrial kitchens and hospitals.

Manner's range includes a number of castor options in which the fork is made of either pressed stainless steel or glass fibre reinforced polyamide. The fork swivel bearing and the centre of the castor are fitted with stainless bearings. Stainless castors are available with a total-stop brake or directional locking, depending on the model.

The castors are easy to clean and can be washed. When using detergents, please make sure that they do not damage the materials.

**STAINLESS CASTORS ARE
SUITABLE FOR USES SUCH
AS THE FOLLOWING:**



INDUSTRIES



HEALTH CARE



**KITCHENS AND
RESTAURANTS**

**FOOD INDUSTRY EQUIPMENT
AND TROLLEYS**

FISH PROCESSING EQUIPMENT

**INDUSTRIAL KITCHEN EQUIPMENT
AND TROLLEYS**

**HOSPITAL FURNITURE, HOSPITAL
EQUIPMENT AND TROLLEYS**



Stainless castors

SWIVEL CASTOR, BOLT HOLE

S-PTE/K 80 polypropylene centre + thermoplastic rubber tyre, threadguard, ball bearing



Code	Title								Sh A
302227	GK-S-100 PTE/K 80 IX	100	32	141	95	10	•	100	80
302223	GK-S-125 PTE/K 80 IX	125	32	161	110	10	•	100	80

Also available with 12 mm bolt hole

SWIVEL CASTOR, BOLT HOLE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title								Sh A
302228	GK-JG-S-100 PTE/K 80 IX	100	32	141	95	10	•	100	80
302224	GK-JG-S-125 PTE/K 80 IX	125	32	161	110	10	•	100	80

Also available with 12 mm bolt hole

SWIVEL CASTOR, BOLT HOLE

-S-GP/K glass fibre reinforced polyamide centre + soft polyurethane tyre, ball bearing



Code	Title								Sh A
305095	TW-S-125 GP/K H IX	125	81	143	102	10	•	125	95

Also available with 12 mm bolt hole

Also available with a lower structural height, 130 mm

SWIVEL CASTOR, BOLT HOLE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title								Sh A
305096	TW-J-S-125 GP/K H IX	125	81	143	133	10	•	125	95







Also available with 12 mm bolt hole

Also available with a lower structural height, 130 mm

WHEEL







ND polyamide centre + polyurethane tyre, plain bearing



Code	Title							Sh A
401489	LI-80 ND IX L	80	25	41,5	9	•	100	98
401490	LI-100 ND IX L	100	30	41,5	8,5	•	160	98
401491	LI-125 ND IX L	125	30	51,5	11	•	230	98
401492	LI-150 ND IX L	150	40	51,5	10,5	•	350	98
401493	LI-200 ND IX L	200	50	51,5	12,5	•	550	98







SWIVEL CASTOR, RECTANGULAR TOP PLATE



Code	Title							Sh A			
400964	LKE-80 ND IX L	80	25	106	73	102X83	80X60	8	•	100	98
400312	LKE-100 ND IX L	100	30	128	87	102X83	80X60	8	•	150	98
400333	LKE-125 ND IX L	125	30	160	111	102X83	80X60	8	•	230	98
400343	LKE-150 ND IX L	150	40	181	126	135X110	105X80	10	•	250	98
400783	LKE-200 ND IX L	200	50	240	159	135X110	105X80	10	•	370	98









SWIVEL CASTOR, RECTANGULAR TOP PLATE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title							Sh A			
400965	LKE-J-80 ND IX L	80	25	106	108	102X83	80X60	8	•	100	98
400390	LKE-J-100 ND IX L	100	30	128	108	102X83	80X60	8	•	150	98
400409	LKE-J-125 ND IX L	125	30	160	140	102X83	80X60	8	•	230	98
400420	LKE-J-150 ND IX L	150	40	181	140	135X110	105X80	10	•	250	98
400784	LKE-J-200 ND IX L	200	50	240	168	135X110	105X80	10	•	370	98

FIXED CASTOR, RECTANGULAR TOP PLATE



Code	Title									Sh A
400966	LPPE-80 ND IX L	80	25	106	102X83	80X60	8	●	100	98
400645	LPPE-100 ND IX L	100	30	128	102X83	80X60	8	●	150	98
400665	LPPE-125 ND IX L	125	30	160	102X83	80X60	8	●	230	98
400675	LPPE-150 ND IX L	150	40	181	135X110	105X80	10	●	250	98
400785	LPPE-200 ND IX L	200	50	240	135X110	105X80	10	●	370	98



MR

NON-MAGNETIC

NON-MAGNETIC CASTORS

Non-magnetic castors are designed for environments where equipment must be non-magnetic to prevent it from interfering with nearby magnetic fields. Such environments include spaces for medical imaging systems in hospitals as well as trolleys and equipment used in spaces that require non-magnetic castors.

The fork is made of glass fibre reinforced polyamide, and the special ball bearings in the swivel fork and wheel centre are completely non-magnetic. The axle and mounting screw are made of brass.

**NON-MAGNETIC CASTORS ARE
SUITABLE FOR USES SUCH AS
THE FOLLOWING:**










HEALTH CARE

**MRI TROLLEYS AND EQUIPMENT
EQUIPMENT IN OTHER RESEARCH
FACILITIES**








SWIVEL CASTOR, THREADED STEM

S-PTE/K 80 polypropylene centre + thermoplastic rubber tyre, threadguard, ball bearing



Code	Title								Sh A
304932	GKR-S-100 PTE/K 80 NM	100	32	141	95	10X16	•	70	80
304933	GKR-S-125 PTE/K 80 NM	125	32	161	110	10X16	•	70	80

SWIVEL CASTOR, THREADED STEM, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL

Code	Title								Sh A
304930	GKR-JBX-S-100 PTE/K 80 NM	100	32	141	95	10X16	•	70	80
304931	GKR-JBX-S-125 PTE/K 80 NM	125	32	161	110	10X16	•	70	80

**You can download the details
of all our products from
manner.fi/en/product-search/**



CONDUCTIVE

Conductive castors

Conductive castors are used in places where static discharge must be directed away from a device or a trolley, or static discharge must be prevented. Typical applications include the electronics industry and in hospitals, where the equipment or products are exposed to static electricity.

Manner's conductive castors are made of high-quality raw materials that ensure excellent conductivity. The castor frames are made of pressed steel or conductive glass fibre reinforced polyamide. The tread is electrically conductive polyamide, polyurethane or thermoplastic rubber, and the castors are fitted with plain or ball bearings, depending on the model. Thanks to the materials used, the treads do not leave marks on the surface or the floor.

All Manner conductive castors are ISO-compliant, meaning that their surface resistivity is less than 10^4 (10,000) ohms.



**CONDUCTIVE CASTORS ARE
SUITABLE FOR USES SUCH
AS THE FOLLOWING:**



INDUSTRIES



HEALTH CARE

**HOSPITAL EQUIPMENT
ELECTRONICS INDUSTRY
EQUIPMENT AND TROLLEYS**



SWIVEL CASTOR, BOLT HOLE

PTE A conductive polypropylene centre + thermoplastic rubber tyre, plain bearing

Code	Title								Sh A
200304	E-100 PTE A	100	23	125	88	10	•	50	90



SWIVEL CASTOR, BOLT HOLE, SINGLE ACTION BRAKE LOCKS WHEEL

Code	Title								Sh A
200310	E-J-100 PTE A	100	23	125	95	10	•	50	90



SWIVEL CASTOR, BOLT HOLE

S-PTE/K 80 A conductive polypropylene centre + thermoplastic rubber tyre, threadguard

Code	Title								Sh A
301832	GK-S-100 PTE/K A	100	32	141	95	10	•	80	86
301833	GK-S-125 PTE/K A	125	32	161	110	10	•	80	86

Available with 12 mm bolt hole



SWIVEL CASTOR, BOLT HOLE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL

Code	Title								Sh A
301835	GK-JY-S-100 PTE/K A	100	32	141	95	10	•	80	86
301836	GK-JY-S-125 PTE/K A	125	32	161	110	10	•	80	86

Available with 12 mm bolt hole



SWIVEL CASTOR, THREADED STEM

Code	Title								Sh A
301838	GKR-S-100 PTE/K A	100	32	141	95	10X16	•	80	86
301839	GKR-S-125 PTE/K A	125	32	161	110	10X16	•	80	86

Available with 12 mm bolt hole

SWIVEL CASTOR, THREADED STEM, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL










Code	Title								Sh A
301841	GKR-JY-S-100 PTE/K A	100	32	141	95	10X16	•	80	86
301842	GKR-JY-S-125 PTE/K A	125	32	161	110	10X16	•	80	86

Available with 12 mm bolt hole








SWIVEL CASTOR, RECTANGULAR TOP PLATE



Code	Title								Sh A		
301845	GKL-S-100 PTE/K A	100	32	148	95	77X67	61/51X50/42	8	•	80	86
301847	GKL-S-125 PTE/K A	125	32	168	110	77X67	61/51X50/42	8	•	80	86

SWIVEL CASTOR, RECTANGULAR TOP PLATE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title								Sh A		
301851	GKL-JY-S-100 PTE/K A	100	32	148	95	77X67	61/51X50/42	8	•	80	86
301853	GKL-JY-S-125 PTE/K A	125	32	168	110	77X67	61/51X50/42	8	•	80	86

TWIN WHEEL SWIVEL CASTOR, BOLT HOLE

S-GP/K A conductive glass fibre reinforced polyamide centre + soft polyurethane tyre, ball bearing



Code	Title								Sh A
305089	TW-S-125 GP/K H A	125	81	143	102	10	•	125	90

Available with 12 mm bolt hole

Also available with a lower structural height, 130 mm

TWIN WHEEL SWIVEL CASTOR, BOLT HOLE, TOTAL-STOP BRAKE LOCKS WHEEL AND SWIVEL



Code	Title								Sh A
305088	TW-J-S-125 GP/K H A	125	81	143	133	10	•	125	90

Available with 12 mm bolt hole

Also available with a lower structural height, 130 mm



Special castors and customised solutions

Thanks to decades of experience in castor manufacturing, Manner is an expert in designing and manufacturing special and customised solutions.

Special castors and R&D projects carried out in cooperation with our customers form an important part of Manner's operations. Continuous research and testing of new raw materials and components together with smooth collaboration with our customers form an integral part of the product development of high-quality special castors that offer added value.

Please contact us if you are looking for an innovative solution to a particular castor challenge. The answer to the problem may lie in designing a brand new product or just improving a single feature.



EXAMPLES OF CUSTOMISED OPTIONS

**SPECIAL COLOURS OR COLOUR
COMBINATIONS**

COMPANY LOGO ON THE PRODUCT

**NEUTRALISATION - NO LOGOS
OR LABELS**

DESIGN

**SPECIAL GREASE LUBRICANT THAT
MEETS SPECIFIC DURABILITY
REQUIREMENTS**

VARIOUS LOCKING SYSTEMS

**SPECIAL COATINGS FOR BETTER
CORROSION RESISTANCE**

**SPECIAL SOLUTIONS TO IMPROVE
LOAD CAPACITY**

**SPECIAL FEATURES THAT IMPACT
ON PRODUCT PERFORMANCE**

**SPECIAL SOLUTIONS FOR
MOUNTING**

**SOLUTIONS THAT IMPROVE IMPACT
RESISTANCE OR OTHER PRODUCT
CHARACTERISTICS**

Special castors and customised solutions



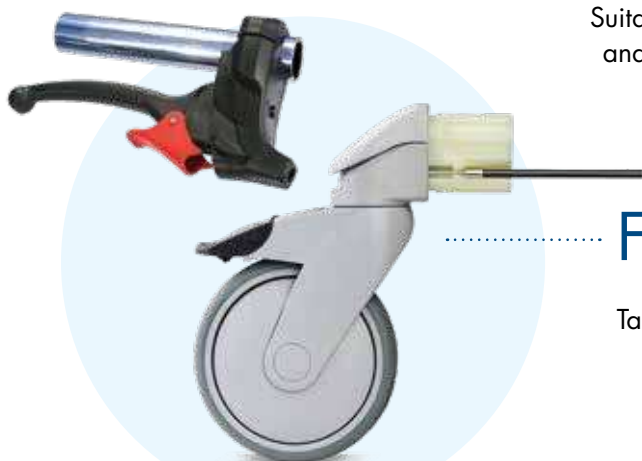
Conductive castors

Our selection includes various conductive castors, subject to minimum order quantities.

Low 35 mm castor with higher load capacity



Suitable for rehabilitation and hospital equipment.



Functionality

Tango castor with handbrake function.

Profile wheel

Durable and quiet rail wheels for applications such as sliding gates or industrial equipment.



Customer's logo

The customer's colours and colour combinations to match the brand together with the manufacturer's logo.

Unique design and colour

The customer's colours and colour combinations to match the brand.
Different colour options available depending on the quantity.



Exclusive, customised products



..... A special colour chosen for the customer's products combined with the company logo as well as a special fitting to facilitate the assembly.

A castor with rolling resistance adjustment and Anti-Reverse function is designed to meet the customer's specifications.



..... Small crane dolly castor.

**SPECIAL MODELS ARE AVAILABLE FOR ORDERS OF LARGER QUANTITIES.
CONTACT US FOR MORE INFORMATION.**