PRODUCT INFORMATION
COMPACTA

10 - 50 kg 13,5 - 66 mm 14 - 50 mm

TENTE

BETTER MOBILITY. BETTER LIFE.

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BETTER MOBILITY IN PREMIUM QUALITY

TENTE believes in smart mobility solutions which noticeably improve people´s lives and their work environment. Solutions which increase productivity, ensure safety and open up new horizons in matters of design and durability as well as environmental friendliness. Leading manufacturers and companies from different industries rely on these competencies and our high production quality.

On the following pages you will find technical information about our Compacta product family. We will also explain the added value which this mobility solution offers for your company. Features include:

Quality tested

Products are tested in our own test laboratory for compliance with European standards.

Non-hazardous materials

Complies with the RoHS directive and REACH regulation of the European Union. Does not contain polycyclic aromatic hydrocarbons or chromium (VI).

HOUSINGS

FEATURES

Non hazardous materials

Complies with the RoHS directive and REACH regulation of the European Union. Does not contain polycyclic aromatic hydrocarbons or chromium (VI).

HOUSINGS

The housing is made of pressed steel, which is plated in bright plated zinc and a blue passivate and has a riveted axle.

The materials are tested in our own test laboratory to ensure compliance with European standards. The housing complies with RoHS and REACH regulations and do not contain polycyclic aromatic hydrocarbons or chromium (VI).

Swivel castor
The wheel and housing are free to move for easy manoeuvrability.

Fixed castor
The wheel remains free to move, but the housing is fixed so can only move forwards and backwards, ensuring stable movement.

Technical data and availability

Description	**Housing type**	Fixed castor	Fixed castor	Swivel castor
	Article description	1298	2198	1430
	Material	Pressed steel	Pressed steel	Pressed steel
	Swivel bearing	-	-	Single ball race swivel head
Swivel interference	**Wheel Ø 14 mm**	●	●	-
	Wheel Ø 25 mm	-	●	43 mm
	Wheel Ø 30 mm	-	●	-
	Wheel Ø 32 mm	-	●	54 mm
	Wheel Ø 38 mm	-	-	64 mm
	Wheel Ø 45 mm	-	●	-
	Wheel Ø 50 mm	-	●	82 mm

Items with this sign „●“ are available. Items with this sign „-“ are not available in our standard range. Please contact us.

WHEELS

FEATURES

Quality tested

All wheels are tested in our own test laboratory to ensure compliance with European standards.

WHEELS

The characteristics of a wheel depend on both the material and the bearing. The materials are tested in our own laboratory to ensure compliance with European standards. We also use non-hazardous materials to ensure compliance with the RoHS directive and REACH regulation of the European Union.

Basetech
Made of polypropylene, these are hard-wearing and lightweight, allowing these to be easily cleaned.

Duratech
Made from polyamide and thermosetting plastic, giving you a stable and indestructible wheel.

Supratech
Made with a thermoplastic rubber thread, these wheels are a smooth all-rounder.

Technical data and availability

	Product name	Basetech	Duratech	Supratech
Description	Article description	POI	UOI	PJI
	Compatible with housing	1430	1298 2198	2198
	Tread material	Polypropylene	Polyamide	Thermoplastic rubber
	Tread hardness	Shore D 65	Shore D 75	Shore D 65
	Wheel body material	Polypropylene	Polyamide	Polypropylene
	Temperature range	-20°C / +60°C	-40°C / +80°C	-20°C / +60°C
	Width of tread / wheel diamater in mm	12 mm /Ø 25 14 mm / Ø 32 16 mm / Ø 38 21 mm / Ø 50	14 mm / Ø 14 13 mm / Ø 25 15 mm / Ø 30 18 mm / Ø 45	14 mm / Ø 32 21 mm / Ø 50
Bearing type	Plain bearing	●	●	●
Load capacity	Wheel Ø 14 mm	-	15 - 25 kg*	-
	Wheel Ø 25 mm	10 kg	25 kg	-
	Wheel Ø 30 mm	-	30 kg	-
	Wheel Ø 32 mm	20 kg	-	20 kg
	Wheel Ø 38 mm	25 kg	-	-
	Wheel Ø 45 mm	-	40 kg	-
	Wheel Ø 50 mm	40 kg	-	50 kg

Items with this sign „●“ are available. Items with this sign „-“ are not available in our standard range. Please contact us.
* Load capacity up to 15 kg only with the housing type 1298 and 25 kg with housing type 2198.

Bearing type

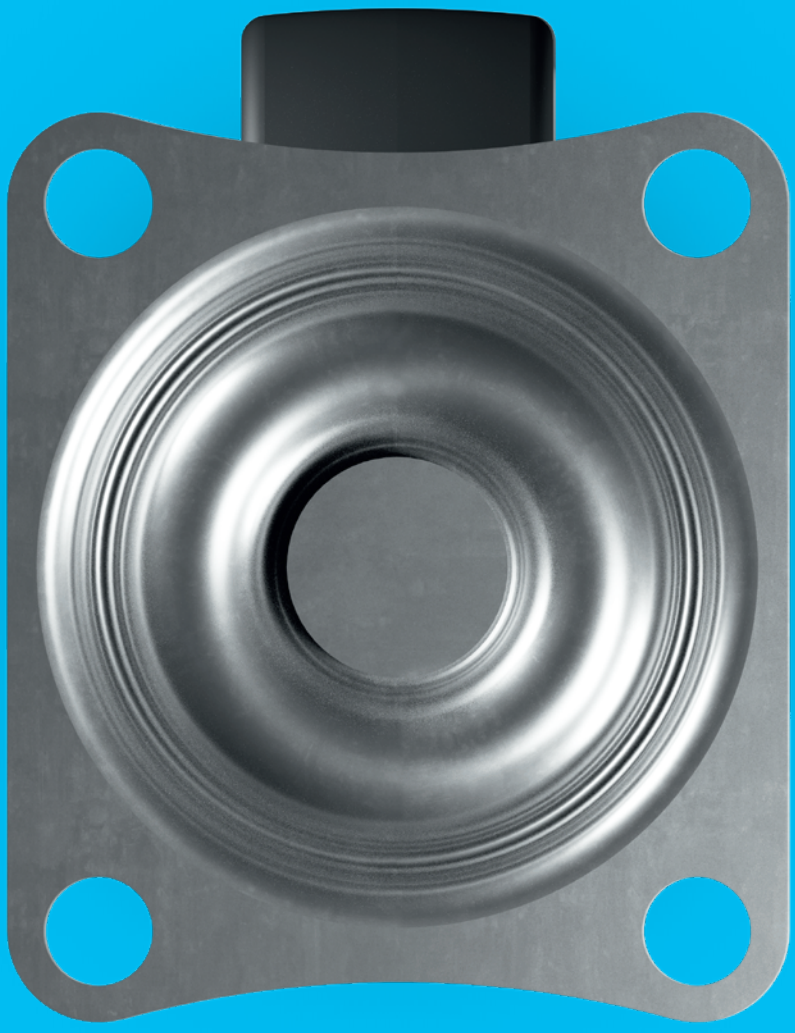
Plain bearing for short distances.

Load capacity

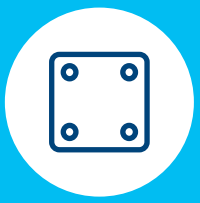
The load capacity depends on the housing and wheel. It has been tested and fulfils the requirements according to EN 12528 at a speed of 4 km/h. When using 4 castors, determine the necessary load capacity as follows: The sum of the weight of your application plus the additional load divided by 3 castors.

$$\frac{\text{Weight of application + load}}{3} = \text{Load capacity of one castor}$$

FITTINGS



FEATURES



Standard fittings

Plate fittings which meet industrial standards.

PLATE FITTINGS

Secure connection with four screws. All fittings of the Compacta product family are designed with high quality zinc, plating and blue passivation.

Technical data and availability

Description	**Fitting type**	Swivel plate	Swivel plate	Swivel plate	Swivel plate	Fixed plate
	Article description	P60	P60	P60	P60	P80
	Compatible with housing	1430	1430	1430	1430	1298
	Size of plate	35 x 30 mm	38 x 32 mm	46 x 38 mm	59 x 47 mm	26 mm
	Plate hole centres	28 x 23 mm	30 x 24 mm	36 x 28 mm	46 x 35 mm	20 mm
	Plate hole Ø	4,2 mm	4,2 mm	5,3 mm	6,7 mm	2,5 mm
Overall height	**Wheel Ø 14 mm**		-	-	-	13,5 mm
	Wheel Ø 25 mm	36 mm	-	-	-	-
	Wheel Ø 30 mm	-	-	-	-	-
	Wheel Ø 32 mm	-	42,5 mm	-	-	-
	Wheel Ø 38 mm	-	-	50,5 mm	-	-
	Wheel Ø 45 mm	-	-	-	-	-
	Wheel Ø 50 mm	-	-	-	66 mm	-

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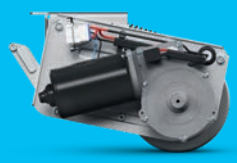
Fixed plate	Fixed plate	Fixed plate	Fixed plate	Fixed plate	Fixed plate
P60	P60	P60	P60	P60	P60
2198	2198	2198	2198	2198	2198
30 x 17 mm	40 x 17 mm	45 x 20 mm	30 x 24 mm	67 x 24 mm	68 x 25 mm
20 mm	30 mm	35 mm	????	54 mm	54 mm
4 mm	4,5 mm	5,5 mm	4,2 mm	5,3 mm	6 mm
17 mm	-	-	-	-	-
-	28 mm	-	-	-	-
-	-	34 mm	-	-	-
-	-	-	42,5 mm	-	-
-	-	-	-	-	-
-	-	-	-	48,5 mm	-
-	-	-	-	-	51,5 mm

DIVERSITY WITH A SYSTEM
OUR CASTORS

All of our products have their own specific qualities and strengths. Whether it's high design standards, specialist applications or exceptional load capacities – our range can meet your needs and be adapted to fit different models.

From the correct dimensions and technical specifications to the required configuration, our product families are able to offer the ideal solution – whatever you need. Contact us for more information or visit our website: www.tente.com

E-Drive



125 mm

Alpha

70 - 500 kg
80 - 200 mm

Delta

300 - 600 kg
125 - 200 mm

Delta twin

600 - 750 kg
125 - 200 mm

Zeta

300 - 800 kg
125 - 250 mm

Kappa

300 - 2.000 kg
80 - 300 mm

Kappa flex

360 - 750 kg
160 - 200 mm

Omikron

900 - 11.000 kg
100 - 500 mm

Radiata

1.200 - 1.500 kg
80 mm

Scout

150 - 350 kg
160 - 200 mm

Integral

100 - 150 kg
100 - 200 mm

Integral twin

125 - 250 kg
100 - 150 mm

Linea clinic

150 - 200 kg
125 - 150 mm

Aviana care

100 kg
75 mm

Aviana

75 mm

Agila

40 - 100 kg
50 - 150 mm

Agila twin

50 - 100 kg
50 - 75 mm

Stora

60 - 160 kg
75 - 160 mm

Mono

30 - 70 kg
50 - 100 mm

Galea

60 - 100 kg
100 - 125 mm

Levina

60 - 100 kg
75 - 150 mm

Linea

40 - 150 kg
50 - 150 mm

Anika

40 - 50 kg
55 - 75 mm

Lumina

30 - 100 kg
35 - 75 mm

Stylea

40 - 100 kg
35 - 100 mm

Smiles

40 kg
50 mm

Compacta

10 - 55 kg
14 - 50 mm

EXPERTISE
THAT INSPIRES

CONTACT US

We are a globally operating company supporting you on five continents. This means on-site support with service on a level playing field – along with in-depth knowledge. Additionally, our solution experts will advise you on the best mobility concept for your needs. Go here to find your nearest TENTE location: www.tente.com/locations

INCREASE YOUR EFFICIENCY

Our intelligent mobility solutions help you save time, effort, energy, and operating expenses. This allows you to improve your operating methods and working conditions, thereby optimising your processes and ensuring higher productivity, profitability and safety. Ask for our solutions catalogue or read about how our customers benefit from our tailor-made solutions on our website: www.tente.com/solutions

SAVE DEVELOPMENT TIME

On our website you will find technical drawings, product data sheets and 2D and 3D CAD files in various formats: www.tente.com/compacta

GET MORE INFORMATION

In addition to our informative website, you can easily download various catalogues and brochures on mobility solutions, customer references, and much more: www.tente.com/download

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PRODUCTIVITY

SAFETY

DESIGN

DURABILITY

ENVIRONMENT