

Heavy Duty Wheels

Wheels (without castors)

Range of application:

- For robust use eg on construction sites.
- Can be inserted as a machine part.
- For transporting loads at a maximum speed of 100 m/min.
- When higher carrying capacity and greater sturdiness is required.
- Impervious to shavings and dust.

Characteristics of the model ...S with the highest demand:

- Solid basic construction with ball bearings.
- Delivered with various castors.
- Made in stainless-steel on request.
- Special construction to suit customer requirements.
- Passed the DIN 4422 test at the material research laboratory for steel wheel 150 S.

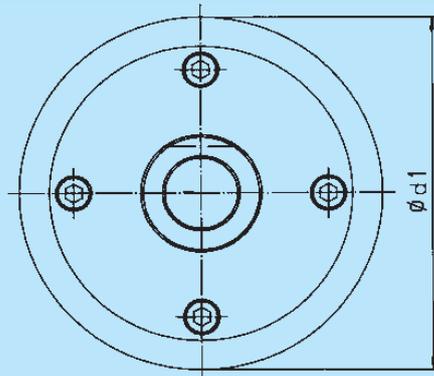
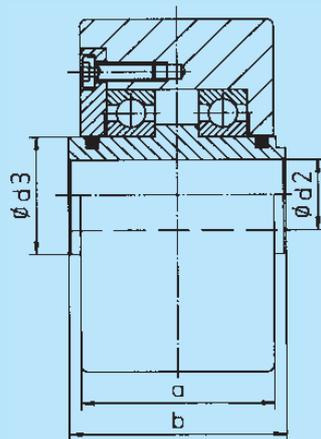
Hints on use:

- Maintenance-free construction, used particularly in machine factories, on construction sites and for the handling of heavy goods.
- Can be combined with fixed castors and swivel castors (SF, SL, SD).

Model S



- Material with a high carrying capacity, which is not very susceptible to rough handling.
- When a higher carrying capacity is required, they can be fitted with self-aligning roller bearings (see model ... S/P).
- Can also be delivered as a flange wheel construction (see model S-A, S-B).
- If there are problems with friction it can also be delivered with convex crowned wheel running surface (without additional charge).
- The chosen bearing dictates the maximum carrying capacity of these wheels.



Model S

Mod.	a	b	$\varnothing d1$	$\varnothing d2$	$\varnothing d3$	Suitable castors			Carrying capacity (kN)		Weight (kg)
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150 S	80	90	150	30	50	SF	SL	SD	30		9.7
175 S	80	90	175	30	50	SF	SL	SD	30		13.6
200 S	80	90	200	30	50	SF	SL	SD	30		18.1
225 S	80	90	225	30	50	SF		SD	30		23.3
250 S	80	90	250	30	50	SF		SD	35		29.3
275 S	80	90	275	30	50	SF		SD	35		36.3
300 S	80	90	300	30	50	SF			35		44.4