

# Heavy Duty Wheels

## Wheels (without castors) – Drawing No. R4

### Model S-A (B), S-A (B)/P

#### Range of application:

- For use on profiles (girders/rails).
- Can be inserted as a machine part.
- For transporting loads at a maximum speed of 100 m/min.
- With a flange wheel (= A) or with 2 flange wheels (= B).
- The maximum distance between 2 flange wheels  $x = 55$  mm for the serial wheel.
- When choosing 2 flange wheels, please state the dimension  $x$ .

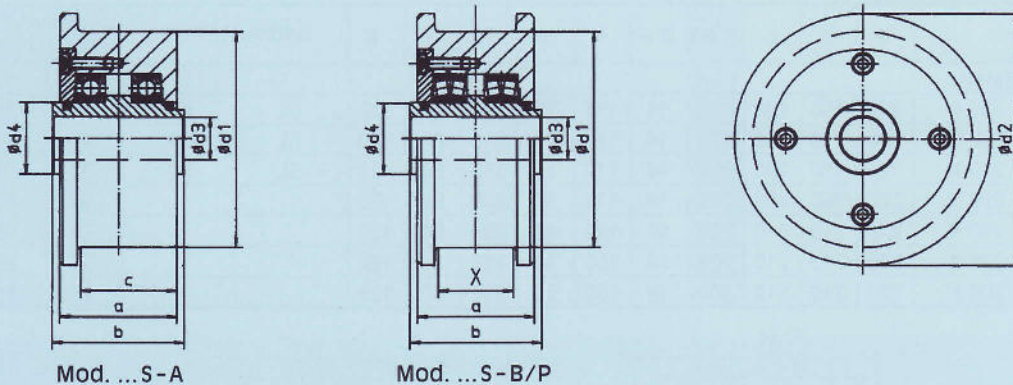


#### Characteristics of the model ...S and ...S/P:

- Solid steel construction with ball bearings (S) or self-aligning roller bearings (S/P).
- Delivered also as a fixed castor.
- Special construction to suit customer requirements.

#### Hints on use:

- Maintenance-free construction, used particularly in machine factories.
- Narrower distance between flange wheels if required, distances  $> 55$  mm on request.
- Can be combined with fixed castors.
- Body of the wheel can be hardened (extra charge) but is standard with model ...S/P (without additional charge).



#### Model (Steel)

Mod.		a	b	c	Ø d1	Ø d2	Ø d3	Ø d4	X max.	Suitable castors	Carrying capacity (kN)	Weight (kg)	
1 Flange	2 Flanges											A	B
125 S-A	125 S-B	80	90	67.5	125	150	30	50	55	SF ...S-A(B)	20	7.5	7.9
150 S-A	150 S-B	80	90	67.5	150	175	30	50	55	SF ...S-A(B)	25	10.2	10.7
175 S-A	175 S-B	80	90	67.5	175	200	30	50	55	SF ...S-A(B)	30	14.1	14.7
200 S-A	200 S-B	80	90	67.5	200	225	30	50	55	SF ...S-A(B)	30	18.7	19.4

#### Model (Steel) .../P

Mod.		a	b	c	Ø d1	Ø d2	Ø d3	Ø d4	X max.	Suitable castors	Carrying capacity (kN)	Weight (kg)	
1 Flange	2 Flanges											A	B
150 S-A/P	150 S-B/P	80	90	67.5	150	175	30	50	55	SF ...S-A(B)/P	40	10.4	10.9
175 S-A/P	175 S-B/P	80	90	67.5	175	200	30	50	55	SF ...S-A(B)/P	40	14.3	14.9
200 S-A/P	200 S-B/P	80	90	67.5	200	225	30	50	55	SF ...S-A(B)/P	50	18.9	19.6
225 S-A/P	225 S-B/P	80	90	67.5	225	275	30	50	55	SF ...S-A(B)/P	50	24.3	25.1
250 S-A/P	250 S-B/P	80	90	67.5	250	300	30	50	55	SF ...S-A(B)/P	65	30.3	31.1