

Extra heavy duty solid steel wheels and castors



16

Table of Contents



SVS		LH	LS
Series	SVS	LH-SVS	LS-SVS
Wheel Ø	65 - 300 mm	65 - 125 mm	100 - 300 mm
Load capacity	750 - 15000 kg	700 - 900 kg	1700 - 12000 kg
Page	330	331	332

Series: SVS

Extra heavy duty solid steel wheels

750 - 15000 kg

RoHS



Tread & tyre hardness	190 - 230 HB
Temperature resistance	-25° C - +120° C
Rolling resistance	excellent
Operating noise	sufficient
Floor surface preservation	sufficient

SVS-wheel series:

Made of mild steel, with slightly crowned tread and lightly oiled surface, exceptionally low rolling and swivel resistance, smooth running performance on even floors, outstanding wear resistance, extremely high static and dynamic load capacity.

(Material description page 40)

Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

Other features:

For chemical resistance refer to material description page 40.

Operating temperature: -25° C to +120° C.

The relatively high floor pressure should be considered for pressure-sensitive floors.

Maintenance-free under standard conditions.

Wheel series overview page 50

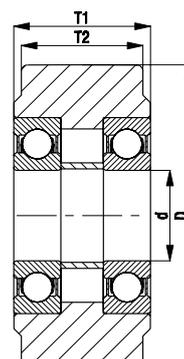
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SVS 65/20K	65	40	750	Ball bearing	20	45
SVS 80/20K	80	40	1100	Ball bearing	20	45
SVS 100/25K	100	40	1700	Ball bearing	25	45
SVS 127/30K	125	55	2750	Ball bearing	30	60
SVS 150/45K	150	55	4000	Ball bearing	45	60
SVS 201/50K	200	55	6000	Ball bearing	50	60
SVS 200/60K	200	80	7000	Ball bearing	60	90
SVS 250/70K	250	65	10000	Ball bearing	70	75
SVS 300/100K	300	90	15000	Ball bearing	100	100

Further dimensions upon request

Options



	With spherical roller bearing	Further versions
Technical description page	61	
Product code suffix	-PR	
Available for	upon request	upon request

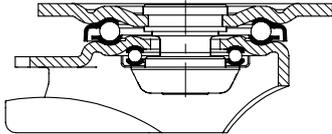


Series: LH-SVS, BH-SVS

Pressed steel castors, heavy duty brackets, with top plate fitting, with extra heavy duty solid steel wheel

700 - 900 kg

RoHS



Brackets: LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.
Bolted wheel axle.
Zinc-plated, blue-passivated, Cr6-free.
Bracket overview: Page 66
Top plate drawings: Page 77

Wheels: SVS series - Made of mild steel, with slightly crowned tread.
Bearing type: Two pressed-in ball bearings.
Detailed description: Page 330 and 50



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SVS 65K	BH-SVS 65K	65	40	700	Ball bearing	97	100 x 85	80 x 60	9	45
LH-SVS 80K	BH-SVS 80K	80	40	700	Ball bearing	120	100 x 85	80 x 60	9	45
LH-SVS 100K-1	BH-SVS 100K-1	100	40	700	Ball bearing	140	100 x 85	80 x 60	9	45
LH-SVS 100K-3	BH-SVS 100K-3	100	40	700	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-SVS 127K	BH-SVS 127K	125	55	900	Ball bearing	170	140 x 110	105 x 75-80	11	55

Options

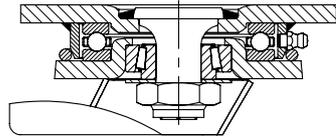
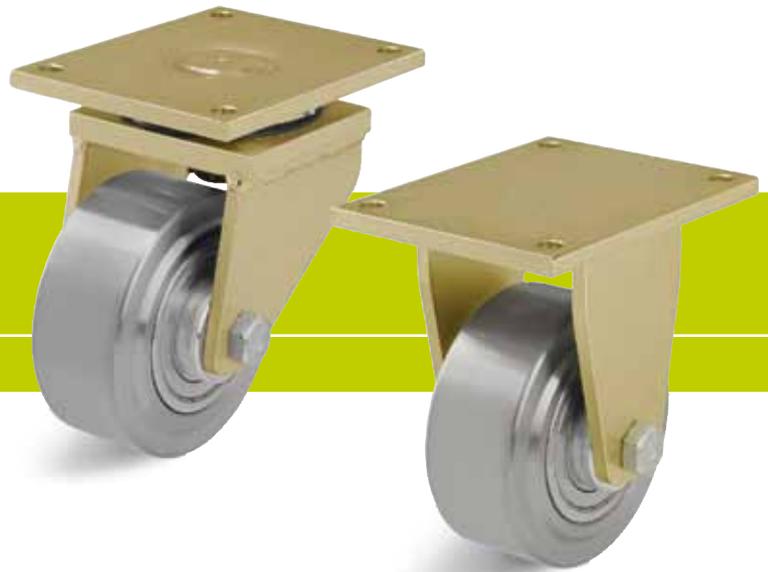


	Directional lock (retro-fit) 1 x 360°	Directional lock (retro-fit) 1 x 360°	Directional lock (retro fit) 1 x 360°	With steel foot guard	Truck lock
Technical description page	83	83	83	84	82, 483
Product code suffix	RI-04.01	RI-04.03	RI-05.03	-FS	FF 125
Available for	wheel Ø 80-100 mm with plate 100x85	wheel Ø 100 mm with plate 140x110	wheel Ø 125 mm	wheel Ø 125 mm upon request	wheel Ø 125 mm

Series: LS-SVS, BS-SVS

Welded steel extra heavy duty castors, extra strong swivel head design, with extra heavy duty solid steel wheel

1700 - 12000 kg RoHS



Brackets: LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle.
 Wheel Ø 100-200 mm: Zinc-plated, yellow-passivated, Cr6-free.
 Wheel Ø 250-300 mm: Lacquered, red.
 Bracket overview: Page 68
 Top plate drawings: Page 77 and 78

Wheels: SVS series - Made of mild steel, with slightly crowned tread.
 Bearing type: Two pressed-in ball bearings.
 Detailed description: Page 330 and 50



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-SVS 100K	BS-SVS 100K	100	40	1700	Ball bearing	145	140 x 110	105 x 75-80	11	50
LS-SVS 127K	BS-SVS 127K	125	55	1750	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-SVS 150K-35	BS-SVS 150K-35	150	55	3000	Ball bearing	205	175 x 140	140 x 105	14	65
LS-SVS 201K	BS-SVS 201K	200	55	3000	Ball bearing	255	175 x 140	140 x 105	14	65
LS-SVS 200K	BS-SVS 200K	200	80	6000	Ball bearing	280	255 x 200	210 x 160	18	75
LS-SVS 250K	BS-SVS 250K	250	65	10000	Ball bearing	380	400 x 300	340 x 240	26	110
LS-SVS 300K	BS-SVS 300K	300	90	12000	Ball bearing	430	400 x 300	340 x 240	26	110

Options



	Image with red lacquered bracket Ø 250-300 mm	With directional lock 2 x 180°	With directional lock 4 x 90°	With directional lock 4 x 90° (hand-operated)	With steel foot guard
Technical description page		83	83	83	84
Product code suffix		-RI2	-RI4	-RI4H	-FS
Available for		wheel Ø 100 - 200x55 mm	wheel Ø 100 - 200x55 mm	upon request	upon request

