Extra heavy duty solid steel wheels and castors
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<th>Series</th>
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<th>LS-SVS</th>
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</thead>
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<tr>
<td>SVS</td>
<td>65 - 125 mm</td>
<td>100 - 300 mm</td>
</tr>
<tr>
<td>Wheel Ø</td>
<td>65 - 300 mm</td>
<td>65 - 300 mm</td>
</tr>
<tr>
<td>Load capacity</td>
<td>750 - 1500 kg</td>
<td>1700 - 12000 kg</td>
</tr>
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Series: SVS

Extra heavy duty solid steel wheels

750 - 15000 kg

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

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

Options

With spherical roller bearing
Further versions

Technical description page 61
Product code suffix -PR
Available for upon request

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 125/30K | 125 | 55 | 2150 | Ball bearing | 30 | 60 |
SVS 150/40K | 150 | 55 | 4000 | Ball bearing | 45 | 60 |
SVS 200/50K | 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
**Series: LH-SVS, BH-SVS**

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

- **Capacity**: 700 - 900 kg
- **RoHS**: Yes

### Swivel castors

<table>
<thead>
<tr>
<th>Series</th>
<th>Wheel Ø [mm]</th>
<th>Wheel width [mm]</th>
<th>Load capacity [kg]</th>
<th>Bearing type</th>
<th>Total height [mm]</th>
<th>Plate size [mm]</th>
<th>Bolt hole spacing [mm]</th>
<th>Bolt hole Ø [mm]</th>
<th>Offset swivel castor [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>LH-SVS 65K</td>
<td>80</td>
<td>40</td>
<td>700</td>
<td>Ball bearing</td>
<td>120</td>
<td>100 x 85</td>
<td>80 x 60</td>
<td>9</td>
<td>45</td>
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<tr>
<td>BH-SVS 65K</td>
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<td>Ball bearing</td>
<td>140</td>
<td>100 x 85</td>
<td>80 x 60</td>
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<td>45</td>
</tr>
<tr>
<td>LH-SVS 100K-1</td>
<td>100</td>
<td>40</td>
<td>700</td>
<td>Ball bearing</td>
<td>140</td>
<td>140 x 110</td>
<td>105 x 75-80</td>
<td>11</td>
<td>45</td>
</tr>
<tr>
<td>BH-SVS 100K-1</td>
<td>125</td>
<td>55</td>
<td>900</td>
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<td>170</td>
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<td>55</td>
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<tr>
<td>LH-SVS 127K</td>
<td>125</td>
<td>55</td>
<td>900</td>
<td>Ball bearing</td>
<td>170</td>
<td>140 x 110</td>
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**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, 84, 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

**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
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, 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

<table>
<thead>
<tr>
<th>Wheel Ø</th>
<th>Wheel width</th>
<th>Load capacity</th>
<th>Bearing type</th>
<th>Total height</th>
<th>Plate size</th>
<th>Bolt hole spacing</th>
<th>Bolt hole Ø</th>
<th>Offset swivel castor</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS-SVS 100K</td>
<td>BS-SVS 100K</td>
<td>100</td>
<td>40</td>
<td>1700</td>
<td>Ball bearing</td>
<td>145</td>
<td>140 x 110</td>
<td>105 x 75-80</td>
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<tr>
<td>LS-SVS 127K</td>
<td>BS-SVS 127K</td>
<td>125</td>
<td>55</td>
<td>1750</td>
<td>Ball bearing</td>
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<td>140 x 110</td>
<td>105 x 75-80</td>
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<tr>
<td>LS-SVS 150K-35</td>
<td>BS-SVS 150K-35</td>
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<td>3000</td>
<td>Ball bearing</td>
<td>205</td>
<td>175 x 140</td>
<td>140 x 105</td>
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<tr>
<td>LS-SVS 201K</td>
<td>BS-SVS 201K</td>
<td>200</td>
<td>55</td>
<td>3000</td>
<td>Ball bearing</td>
<td>255</td>
<td>175 x 140</td>
<td>140 x 105</td>
</tr>
<tr>
<td>LS-SVS 200K</td>
<td>BS-SVS 200K</td>
<td>200</td>
<td>80</td>
<td>6000</td>
<td>Ball bearing</td>
<td>280</td>
<td>235 x 200</td>
<td>210 x 160</td>
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<tr>
<td>LS-SVS 250K</td>
<td>BS-SVS 250K</td>
<td>250</td>
<td>65</td>
<td>10000</td>
<td>Ball bearing</td>
<td>380</td>
<td>400 x 400</td>
<td>340 x 240</td>
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<tr>
<td>LS-SVS 300K</td>
<td>BS-SVS 300K</td>
<td>300</td>
<td>55</td>
<td>12000</td>
<td>Ball bearing</td>
<td>430</td>
<td>400 x 300</td>
<td>340 x 240</td>
</tr>
</tbody>
</table>

### Fixed castors

- 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.

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
Product code suffix: -R12 -R14 -R14H -FS
Available for:
- wheel Ø 100 - 200x55 mm
- wheel Ø 100 - 250x55 mm