



SS Stainless Steel

Metric table

Dimensions in: millimeters - inches

Size	d ₁ Ball	d ₂ ±0.1	d ₃	h ₁ ±0.3	h ₂ ±0.3	h ₃ ±0.3	h ₄	Load rating C			
								Version SBL	SKU	SNI	NNI
15	15.8 <i>0.62</i>	24 <i>0.94</i>	31 <i>1.22</i>	11.5 <i>0.45</i>	9.5 <i>0.37</i>	5 <i>0.20</i>	2.9 <i>0.11</i>	500 N <i>112 lbf</i>	70 N <i>15.74 lbf</i>	300 N <i>67.44 lbf</i>	300 N <i>67.44 lbf</i>
22	22.2 <i>0.87</i>	36 <i>1.42</i>	45 <i>1.77</i>	19.7 <i>0.78</i>	9.8 <i>0.39</i>	6 <i>0.24</i>	2.9 <i>0.11</i>	1200 N <i>270 lbf</i>	100 N <i>22.48 lbf</i>	900 N <i>202 lbf</i>	900 N <i>202 lbf</i>
30*	30.1 <i>1.19</i>	45 <i>1.77</i>	55 <i>2.17</i>	24 <i>0.94</i>	13.8 <i>0.54</i>	7 <i>0.28</i>	3.7 <i>0.15</i>	2000 N <i>450 lbf</i>	150 N <i>33.72 lbf</i>	1500 N <i>337 lbf</i>	-

* Not available in version NNI

Specification

- Housing
Steel sheet **SBL**
Zinc plated, blue passivated finish
 - Ball
Steel, plain finish

 - Housing
Steel sheet **SKU**
Zinc plated, blue passivated finish
 - Ball
Plastic (Polyacetal POM)

 - Housing
Steel sheet **SNI**
Zinc plated, blue passivated finish
 - Ball
Stainless steel AISI 420C

 - Housing
Stainless steel sheet AISI 304 **NNI**
Ball
Stainless steel AISI 420C
- [Plastic Characteristics](#) → page 2135
 • [Stainless Steel Characteristics](#) → page 2143
 • [RoHS compliant](#)

Accessory

- Spring retainers GN 509.3 → page 1982
(Mounting elements for ball transfer units)

Information

GN 509 ball transfer units are typically used on conveyor tracks. They enable an effortless movement or rotation of even heavy loads in any direction.

The diameter d₂ features a taper in the upper area, beneath the flange, which allows it to be easily and firmly installed.

see also...

- [Heavy Duty Ball Transfer Units GN 509.1 \(Steel Sheet / Stainless Steel Housing, with Flange\)](#) → page 1980
- [Heavy Duty Ball Transfer Units GN 509.4 \(Steel Sheet Housing, without Flange\)](#) → page 1981

How to order

GN 509-15-SBL

- | | |
|---|----------|
| 1 | Size |
| 2 | Material |