



Metric table

Dimensions in: millimeters - inches

Size	d ₁ Ball	d ₂ ±0.08	d ₃ Sheet steel cover	h ₁ ±0.3	h ₂ ±0.3	h ₃	Load rating C
8	7.9 0.31	18 0.71	18 0.71	12 0.47	2 0.08	5.1 0.20	120 N 26.98 lbf
12	12.7 0.50	22 0.87	22.2 0.87	17.5 0.69	5.5 0.22	7.7 0.30	200 N 44.96 lbf
15	15.8 0.62	24 0.94	-	20 0.79	5 0.20	-	500 N 112 lbf
22	22.2 0.87	36.5 1.44	-	30 1.18	6 0.24	-	1300 N 292 lbf
30	30.1 1.19	44.6 1.76	-	36.8 1.45	7.5 0.30	-	2500 N 562 lbf
45	44.4 1.75	62.6 2.46	-	53.5 2.11	13 0.51	-	6000 N 1349 lbf

Specification

- Housing
Steel
- Turned
- Zinc plated, blue passivated finish



SBL

- Ball
Steel, plain finish
- RoHS compliant

On request

- Balls in plastic (polyamide)
- Balls in stainless steel
- Housings in stainless steel

Information

GN 509.4 heavy duty ball transfer units are typically used on conveyor tracks. They enable an effortless movement or rotation of even heavy loads in any direction.

They do not have a support flange, taking the load at the housing diameter d₂ instead.

see also...

- More Information on Ball Transfer Units → page 1979
- Ball Transfer Units GN 509 (Steel Sheet / Stainless Steel Housing, with Flange) → page XYZ

How to order

GN 509.4-8-SBL

- 1 Size
- 2 Material

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3.2
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