



3.1

3.2

3.3

3.4



Size	d ₁ Ball	d ₂ ±0,08	d ₃ Sheet steel cover	h ₁ ±0,3	h ₂ ±0,3	h ₃	Load C in N
8	7,9	18	18	12	2	5,1	120
12	12,7	22	22,2	17,5	5,5	7,7	200
15	15,8	24	-	20	5	-	500
22	22,2	36,5	-	30	6	-	1300
30	30,1	44,6	-	36,8	7,5	-	2500
45	44,4	62,6	-	53,5	13	-	6000

3.5

3.6

Specification

- Housing steel
 - Turned
 - Zinc plated, blue passivated
 - Ball steel, plain
- RoHS



SBL

On request

- Plastic balls (Polyamide)
- Stainless steel balls
- Stainless steel housings

Information

Ball transfer units GN 509.4 are used on conveyer tracks. They assist a linear or rotary movement of heavy loads on a conveyer track.

They have no support collar, taking the load at the housing diameter d₂ instead.

see also...

- Application Instructions for Ball Transfer Units → Page 2017
- Ball Transfer Units GN 509 (Housing Sheet Steel / Stainless Steel sheet, with collar) → Page 2016

3.7

3.8

How to order

GN 509.4-15-SBL

- 1 Size
- 2 Material / finish



3.9