



1

Size	d <sub>1</sub> Ball	d <sub>2</sub> ±0,08	d <sub>3</sub> Sheet steel cover	h <sub>1</sub> ±0,3	h <sub>2</sub> ±0,3	h <sub>3</sub>	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	44,4	-	36,8	7,5	-	2500
45	44,4	62,6	-	53,5	13	-	6000

**Specification**

- Housing Steel
  - turned
  - zinc plated, blue passivated
  - Ball steel, blank

• RoHS compliant

**On request**

- Plastic balls (Polyamide)
- Stainless Steel-Balls
- Stainless Steel-Housings

2

**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 d<sub>2</sub> instead.

see also...

- More information to ball transfer units → Page 605
- Ball transfer units GN 509.1 (with collar) → Page 606

How to order

GN509.4-15-SBL

1	Size
2	Material / finish