

Ball Transfer Units

Housing Steel, with Internal Thread

SPECIFICATION

Housing

Steel, turned **S**
Zinc plated, blue passivated

Load ball

- Steel, plain finish **BL**
- Stainless steel AISI 420C **NI**
- Plastic, polyacetal (POM) **KU**

Bearing balls

- Steel, plain finish for load ball BL / KU
- Stainless steel AISI 420C for load ball NI

Dust protection for size 22 / 30

Felt



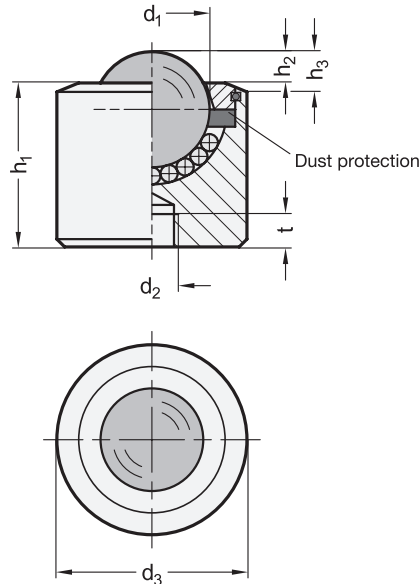
INFORMATION

Ball transfer units GN 509.6 are used in machine and fixture construction, for example, to move heavy loads in any direction without great effort. The roller bearing of the ball ensures reliable operation and a long service life.

The ball transfer units feature an internal thread on the bottom for fastening. The load is transferred via the housing base.

TECHNICAL INFORMATION

- Overview of Types of Ball Transfer Units (see page)
- Technical Instructions (see page)
- Plastic Characteristics (see page A2)



GN 509.6

Description	Size	d2	d1 Ball	d3 ±0.1	h1 ±0.3	h2 ±0.3	h3	t min.	Load C in N	⚖
GN 509.6-15-SBL-M8	15	M 8	15.8	24	23.2	4.8	5.5	7	600	50
GN 509.6-15-SNI-M8	15	M 8	15.8	24	23.2	4.8	5.5	7	600	50
GN 509.6-15-SKU-M8	15	M 8	15.8	24	23.2	4.8	5.5	7	130	35
GN 509.6-22-SBL-M8	22	M 8	22.2	36	36	4.5	5.8	9	1800	170
GN 509.6-22-SNI-M8	22	M 8	22.2	36	36	4.5	5.8	9	1800	170
GN 509.6-22-SKU-M8	22	M 8	22.2	36	36	4.5	5.8	9	200	140
GN 509.6-30-SBL-M8	30	M 8	30.1	45	40.8	6	8	9	3500	460
GN 509.6-30-SNI-M8	30	M 8	30.1	45	40.8	6	8	9	3500	460
GN 509.6-30-SKU-M8	30	M 8	30.1	45	40.8	6	8	9	250	360