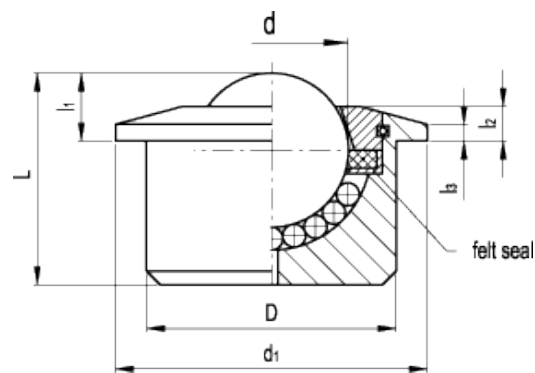


GN 509.1

Ball transfer units



technical informations

Material

- Turned and zinc-plated steel (execution SBL and SNI).
- Stainless steel (execution NNI).

Retaining components

Zinc-plated steel.

Balls

- Execution SBL: steel.
- Execution SNI: stainless steel.
- Execution NNI: stainless steel.

Retaining ring

Felt seal (only for sizes D= 36, 45, 62 and 100).

Applications

GN 509.1 ball transfer units are particularly suitable on conveyor tracks. They make linear or rotary movements easier even with heavy loads (see [Technical Data](#)).

Standard Elements	Main dimensions							Max. load carrying capacity [N]	Weigh g
	Description	d	L _{±0.3}	D _{±0.08}	d ₁	l _{1 ±0.3}	l _{2 ±0.3}		
GN 509.1-12-SBL	12.7	17	22	27	8	4	3.2	200	35
GN 509.1-12-SNI	12.7	17	22	27	8	4	3.2	150	35
GN 509.1-12-NNI	12.7	17	22	27	8	4	3.2	150	35
GN 509.1-15-SBL	15.8	20	24	30	8.1	3.5	1	500	55
GN 509.1-15-SNI	15.8	20	24	30	8.1	3.5	1	400	55
GN 509.1-15-NNI	15.8	20	24	30	8.1	3.5	1	400	55
GN 509.1-22-SBL	22.2	30.5	36	45	8	5	2.4	1300	130
GN 509.1-22-SNI	22.2	30.5	36	45	8	5	2.4	1000	130
GN 509.1-22-NNI	22.2	30.5	36	45	8	5	2.4	1000	130
GN 509.1-30-SBL	30.1	36.8	45	55	8	7	4.5	2500	360
GN 509.1-30-SNI	30.1	36.8	45	55	8	7	4.5	2000	360
GN 509.1-30-NNI	30.1	36.8	45	55	8	7	4.5	2000	360
GN 509.1-45-SBL	44.4	53.5	62	75	19	9.5	5.5	6000	980
GN 509.1-45-SNI	44.4	53.5	62	75	19	9.5	5.5	4500	980
GN 509.1-45-NNI	44.4	53.5	62	75	19	9.5	5.5	4500	980
GN 509.1-60-SBL	60	78	100	117	30	15	10	13000	3700
GN 509.1-60-SNI	60	78	100	117	30	15	10	10000	3700
GN 509.1-60-NNI	60	78	100	117	30	15	10	10000	3700



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