RoHS

HOUSING
Steel, turned **S**
- Black-oxide/zinc-plated
- Non-removable

BALL
- Steel, smooth finish **BL**
- INOX AISI 420C stainless steel **NI**

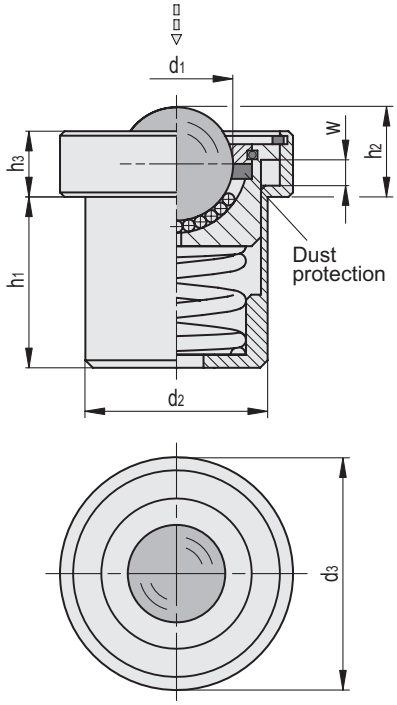
SPRING
Steel
Hardened, ground

BEARING BALLS
- Steel, smooth finish for load ball BL/KU
- AISI 420C stainless steel for load ball NI

DUST PROTECTION
Felt

INFORMATION
GN 509.7 ball transfer units are used in the construction of machines and devices to move heavy loads in any direction without requiring significant force. The spring ensures uniform load distribution across multiple sliding parts. This measure is necessary when the centres of gravity of the loads are asymmetrical or when the supporting surfaces are irregular. The ball roller bearing ensures reliable operation and long life.
The ball transfer units are inserted into the corresponding mounting hole from above and are held in place by gravity. The load is transferred through the collar of the housing.





GN 509.7

Code	Description	Size	d_1	$d_{2\ +0.1}$	d_3	h_1	$h_{2\ \pm0.3}$	$h_{3\ \pm0.3}$	w Stroke	Load C in N Dynamic	Load C in N Static	⚖
GN.45681	GN 509.7-22-SBL	22	22.2	39	50	58	18.6	14	4.6	750	800	360
GN.45682	GN 509.7-22-SNI	22	22.2	39	50	58	18.6	14	4.6	750	800	360
GN.45683	GN 509.7-30-SBL	30	30.1	48.5	62	70	24.5	17.5	7	1350	2400	680
GN.45684	GN 509.7-30-SNI	30	30.1	48.5	62	70	24.5	17.5	7	1350	2400	680

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Ganter Norm