



1

Size	d ₁ Ball	d ₂ ±0,08	d ₃	h ₁ ±0,3	h ₂ ±0,3	h ₃ ±0,3	h ₄	Load C in N Type SBL		
								SNI	NNI	
12	12,7	22	27	9	8	4	3,2	200	150	150
15	15,8	24	30	11,9	8,1	3,5	1	500	400	400
22	22,2	36	45	20,7	9,8	5	2,4	1300	1000	1000
30	30,1	45	55	23	13,8	7	4,5	2500	2000	2000
45	44,4	62	75	34,5	19	9,5	5,5	6000	4500	4500
60	60	100	117	47,5	30	15	10	13000	10000	10000

Specification

- Housing steel **SBL**
 - Turned
 - Zinc plated, blue passivated
 - Ball Steel, plain
- Housing steel **SNI**
 - Turned
 - Zinc plated, blue passivated
 - Ball stainless steel 420C
- Housing stainless steel **NNI**
 - AISI 420B
 - AISI 303 (only size 15)
 - Ball stainless steel 420C
- *Stainless Steel Characteristics* → Page 2166
- **RoHS**

On request

- Plastic ball (Polyamide)

Accessory

- Spring Rings GN 509.3 (Retainers for Ball Transfer Units)

→ Page 2020

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Information

SBL Ball transfer units GN 509.1 are elements which are used in conveyor technology. They allow effortless displacement or rotation of even heavy loads in any direction.

The diameter d₂ features a taper in the upper area, beneath the flange, which allows it to be easily and firmly installed.

see also...

- *Application Instructions for Ball Transfer Units* → Page 2017
- *Ball Transfer Units GN 509 (Steel Housing)* → Page 2016

How to order

GN 509.1-30-SNI

1	Size
2	Material (Housing / Ball)