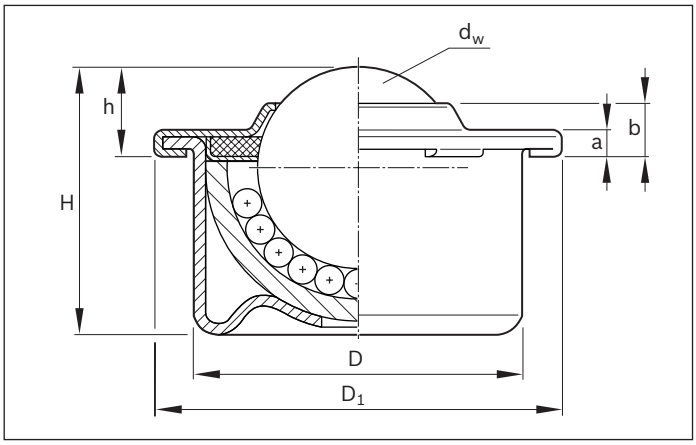
Ball Transfer Units with sheet steel housing R0530 1.., R0530 2.., R0530 6..



Version With sheet steel housing. Smallest Ball Transfer Unit. For general applications.	Size	Part number	Load capacities (N)		Dimensions (mm)							Weight (kg)
			dyn. C	stat. C_0	d_w	D	D_1	h	H	a	b	m
R0530 1.. **KU-B.. - MFG** **Cover and housing galvanized.** **Balls made from antifriction bearing steel 1.3505.** **With felt seal**	**8**	R0530 108 10 [1]	130	250	7.938	12.6 ±0.055	17.0	4.8 ±0.15	11.2	1.9	3.2	0.007
	12	R0530 112 10 [1]	250	500	12.000	18.0 ±0.055	23.3	7.4 ±0.15	15.4	2.1	4.4	0.018
	15	R0530 115 10 [1]	500	1 000	15.875	24.0 ±0.065	31.0	9.5 ±0.20	21.5	2.5	6.1	0.038
		R0530 116 10 [1] [2]										
	22	R0530 122 10	1 300	2 500	22.225	36.0 ±0.080	45.0	9.8 ±0.20	29.5	2.9	5.7	0.132
		R0530 123 10 [2]										
	30	R0530 130 10	2 500	5 000	30.162	45.0 ±0.080	55.0	13.8 ±0.30	37.5	3.7	7.9	0.265
		R0530 131 10 [2]										
	45	R0530 145 10	6 000	12 000	44.450	62.0 ±0.095	75.0	19.0 ±0.40	53.7	4.2	10.5	0.720
		R0530 146 10 [2]										
R0530 2.. **KU-C.. - MFG** **All parts galvanized.** **Balls made from corrosion-resistant steel 1.3541 / 1.4034** **With felt seal**	**8**	R0530 208 10 [1]	100	200	7.938	12.6 ±0.055	17.0	4.8 ±0.15	11.2	1.9	3.2	0.007
	12	R0530 212 10 [1]	180	350	12.000	18.0 ±0.055	23.3	7.4 ±0.15	15.4	2.1	4.4	0.018
	15	R0530 215 10 [1]	370	700	15.875	24.0 ±0.065	31.0	9.5 ±0.20	21.5	2.5	6.1	0.038
		R0530 216 10 [1] [2]										
	22	R0530 222 10	970	1 800	22.225	36.0 ±0.080	45.0	9.8 ±0.20	29.5	2.9	5.7	0.132
		R0530 223 10 [2]										
	30	R0530 230 10	1 900	3 000	30.162	45.0 ±0.080	55.0	13.8 ±0.30	37.5	3.7	7.9	0.265
		R0530 231 10 [2]										
	45	R0530 245 10	4 500	7 000	44.450	62.0 ±0.095	75.0	19.0 ±0.40	53.7	4.2	10.5	0.720
		R0530 246 10 [2]										
R0530 6.. **KU-N.. - MFG** **All parts made from corrosion-resistant steel.** **Balls made from 1.3541 / 1.4034.** **With felt seal**	**8**	R0530 608 00 [1]	100	200	7.938	12.6 ±0.055	17.0	4.8 ±0.15	11.2	1.9	3.2	0.007
	12	R0530 612 00 [1]	180	350	12.000	18.0 ±0.055	23.3	7.4 ±0.15	15.4	2.1	4.4	0.018
	15	R0530 615 00 [1] [3]	370	700	15.875	24.0 ±0.065	31.0	9.5 ±0.20	21.5	2.5	6.1	0.038
	22	R0530 622 00 [3]	970	1 800	22.225	36.0 ±0.080	45.0	9.8 ±0.20	29.5	2.9	5.7	0.132
	30	R0530 630 00 [3]	1 900	3 000	30.162	45. ±0.80	55.0	13.8 ±0.30	37.5	3.7	7.9	0.265

[1] Without felt seal

[2] Ball Transfer Units with bottom hole

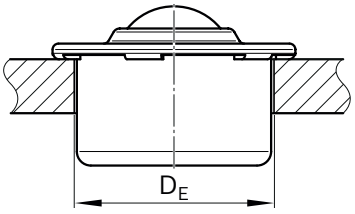
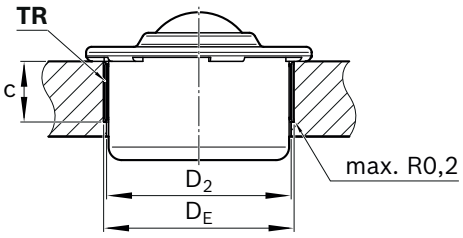
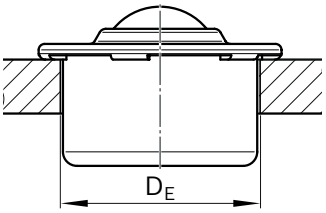
[3] Ball Transfer Unit with bottom hole on request

Explanation of short product name

(Example: R0530 130 10 KU-B30-MFG)

KU	B	30	MFG
Ball Transfer Unit	Cover and housing galvanized, balls made from antifriction bearing steel	Size	With felt seal, lubricated

Installation suggestions for secure fit

Size	Installation dimensions D_E (mm)						
	Press fit		with tolerance ring (TR)				Sticking in [3]
							
	D_E		Part numbers				
	2 mm sheet steel 5 mm aluminum	16 mm wood	Tolerance ring	D_2 +0.2	D_E	c +0.2	D_E +0.2
8	12.57 +0.03	12.50 +0.05	R0810 012 52 [2]	12.8	13.87 +0.15	6.1	12.7
12	17.97 +0.03	17.90 +0.05	R0810 018 01 [1]	18.2	19.70 +0.20	6.1	18.1
15	23.95 +0.05	23.90 +0.05	R0810 024 03 [1]	24.2	25.70 +0.20	7.1	24.1
22	35.90 +0.05	35.85 +0.07	R0810 036 05 [1]	36.2	37.70 +0.20	12.1	36.1
30	44.85 +0.05	44.80 +0.10	R0810 045 01 [1]	45.2	46.70 +0.20	12.1	45.1
			R0810 045 51 [2]				
45	61.83 +0.07	61.80 +0.10	R0810 062 03 [1]	62.3	64.10 +0.30	15.1	62.2

[1] Made from spring hinge 1.1248 alternative 1.8159
[2] Made from corrosion-resistant steel 1.4310
[3] For small gap dimensions in metal, we recommend single-component acrylate adhesive. Two-component acrylate adhesives are also possible. The technical data sheets of the manufacturer must be observed.

Assembling the Ball Transfer Units with tolerance ring