

KB TYPE (Euro Standard)

– Standard Type –



part number structure

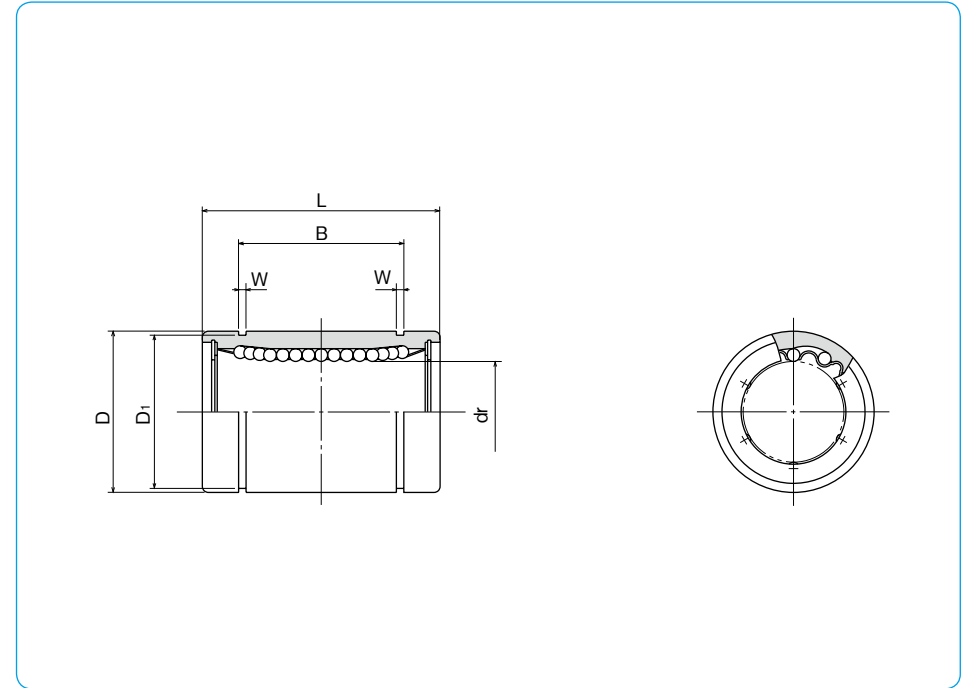
example **KBS 25 G UU**

specification
KB: standard
KBS: anti-corrosion

inner contact diameter (dr)

retainer material
blank: standard/steel
G: anti-corrosion/stainless steel
G: resin

seal
blank: without seal
U: seal on one side
UU: seals on both sides



part number				number of ball circuits	major dimensions			
standard		anti-corrosion			dr		D	
steel retainer	resin retainer	stainless retainer	resin retainer		mm	tolerance μm	mm	tolerance μm
KB 3	KB 3G	KBS 3	KBS 3G	4	3	+ 8 0	7	0 - 8
KB 4	KB 4G	KBS 4	KBS 4G	4	4		8	
KB 5	KB 5G	KBS 5	KBS 5G	4	5		12	
KB 8	KB 8G	KBS 8	KBS 8G	4	8		16	
KB10	KB10G	KBS10	KBS10G	4	10	+ 9 - 1	19	0 - 9
KB12	KB12G	KBS12	KBS12G	4	12		22	
KB16	KB16G	KBS16	KBS16G	4	16		26	
KB20	KB20G	KBS20	KBS20G	5	20		32	
KB25	KB25G	KBS25	KBS25G	6	25	+11	40	-11
KB30	KB30G	KBS30	KBS30G	6	30	- 1	47	
KB40	KB40G	KBS40	KBS40G	6	40	+13 - 2	62	0 -13
KB50	KB50G	KBS50	KBS50G	6	50		75	
KB60	KB60G	KBS60	KBS60G	6	60	+16/-4	90	0 -15
KB80	—	—	—	6	80		120	

mm	L	mm	B	mm	mm	mm	eccentricity μm	radial clearance (maximum) μm	basic load rating		mass g	shaft diameter mm
	tolerance mm		tolerance mm						dynamic C N	static Co N		
10	0	—	—	—	—	—	10	- 3	69	105	1.4	3
12	-0.12	—	—	—	—	—			88	127	2	4
22	0	14.5	0	1.1	11.5	12			206	265	11	5
25		16.5		1.1	15.2		265	402	22	8		
29		22		1.3	18		372	549	36	10		
32		-0.2		22.9	-0.2		1.3	21	510	784	45	12
36	0	24.9	0	1.3	24.9	15	- 4	578	892	60	16	
45		31.5		1.6	30.3			862	1,370	102	20	
58		44.1		1.85	37.5			980	1,570	235	25	
68	0	52.1	0	1.85	44.5	17	- 6	1,570	2,740	360	30	
80		-0.3		60.6	-0.3			2.15	59	2,160	4,020	770
100	0	77.6	0	2.65	72	20	- 8	3,820	7,940	1,250	50	
125		101.7		3.15	86.5			4,700	9,800	2,220	60	
165		-0.4		133.7	-0.4			4.15	116	7,350	16,000	5,140

1N=0.102kgf