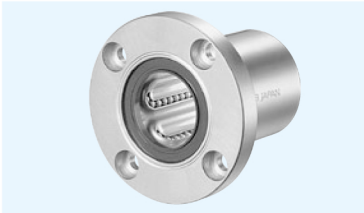


KBF TYPE (Euro Standard)
– Round Flange Type –



part number structure

example **KBSF 25 G UU-SK**

specification
KBF: standard
KBSF: anti-corrosion

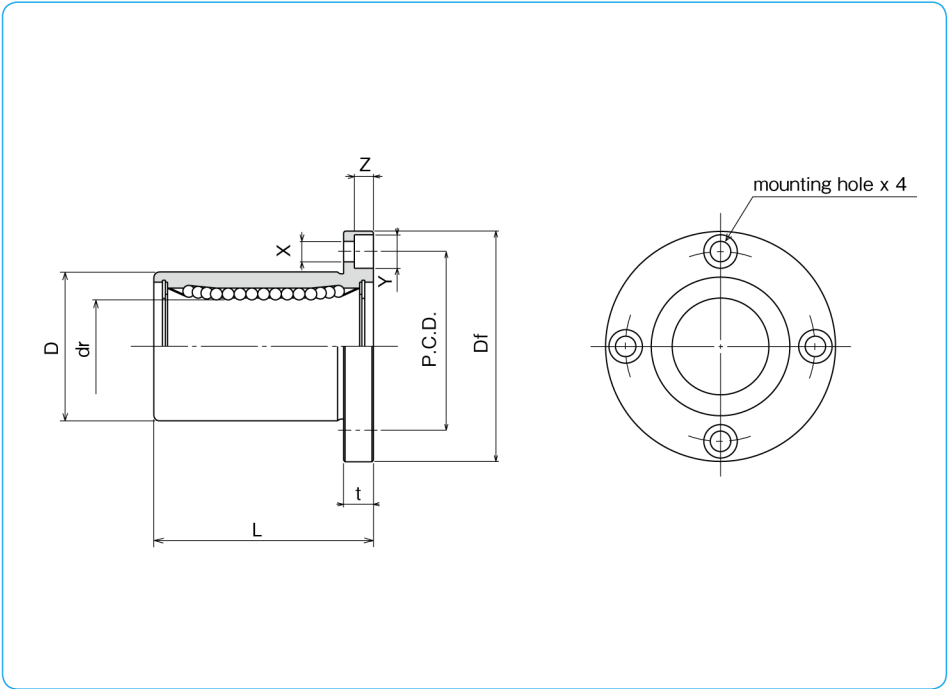
inner contact diameter (dr)

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

outer cylinder
surface treatment
blank: no surface treatment
SK: electroless nickel plating
LF: low temperature black chrome
treatment with fluoride coating
SB: black oxide (not available on
anti-corrosion type)
SC: industrial chrome plating

seal
blank: without seal
UU: seals on both sides

part number				number of ball circuits	major dimensions					
standard		anti-corrosion			dr		D		L	
steel retainer	resin retainer	stainless retainer	resin retainer		mm	tolerance μm	mm	tolerance μm		
—	KBF 5G	—	KBSF 5G	4	5	+ 8 0	12	0	22	
KBF 8	KBF 8G	KBSF 8	KBSF 8G	4	8		16	−13	25	
KBF12	KBF12G	KBSF12	KBSF12G	4	12		22	0	32	
KBF16	KBF16G	KBSF16	KBSF16G	4	16	+ 9	26	−16	36	
KBF20	KBF20G	KBSF20	KBSF20G	5	20	− 1	32	0 −19	45	
KBF25	KBF25G	KBSF25	KBSF25G	6	25	+11	40		58	
KBF30	KBF30G	KBSF30	KBSF30G	6	30	− 1	47		68	
KBF40	KBF40G	KBSF40	KBSF40G	6	40	+13 − 2	62	0	80	
KBF50	KBF50G	KBSF50	KBSF50G	6	50		75	−22	100	
KBF60	KBF60G	KBSF60	KBSF60G	6	60		90	0	125	
KBF80	—	—	—	6	80	+16/−4	120	−25	165	



Df mm	t mm	flange P.C.D. mm	X × Y × Z mm	eccentricity μm	perpendicularity μm	basic load rating		mass g	shaft diameter mm
						dynamic C N	static Co N		
28	5	20	3.5×6×3.1	12	12	206	265	26	5
32	5	24	3.5×6×3.1			265	402	41	8
42	6	32	4.5×7.5×4.1			510	784	80	12
46	6	36	4.5×7.5×4.1			578	892	103	16
54	8	43	5.5×9×5.1	15	15	862	1,370	182	20
62	8	51	5.5×9×5.1			980	1,570	335	25
76	10	62	6.6×11×6.1			1,570	2,740	560	30
98	13	80	9×14×8.1			2,160	4,020	1,175	40
112	13	94	9×14×8.1	17	17	3,820	7,940	1,745	50
134	18	112	11×17×11.1			4,700	9,800	3,220	60
164	18	142	11×17×11.1			7,350	16,000	6,420	80

1N≒0.102kgf