KBFC TYPE (Euro Standard)

– Center Mount Round Flange Type –

part number structure

example **KBSFC 25 G UU - SK**

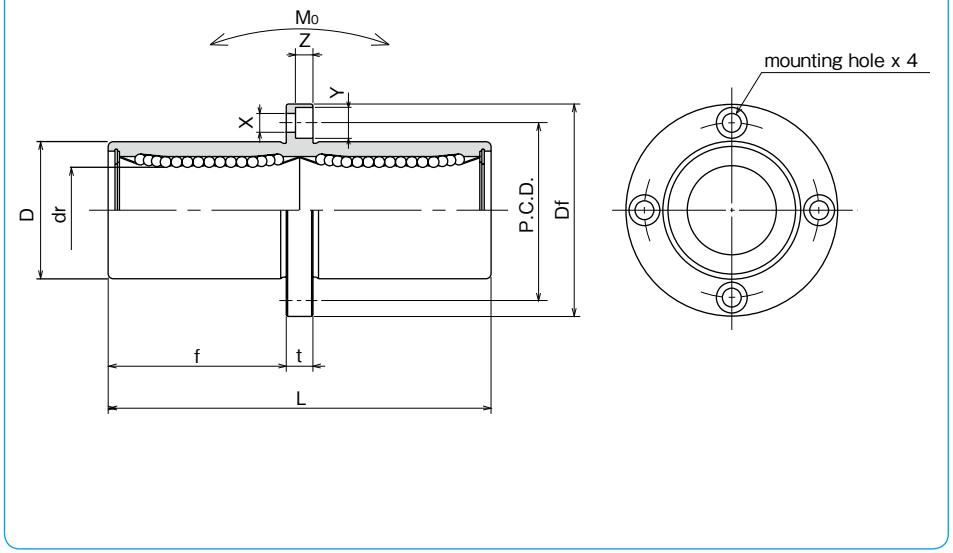
specification
KBFC: standard
KBSFC: anti-corrosion

inner contact diameter (dr)

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

seal
blank: without seal
UU: seals on both sides

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



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	±0.3 mm
KBFC 8	KBFC 8G	KBSFC 8	KBSFC 8G	4	8	+ 9	16	0/−13	46
KBFC12	KBFC12G	KBSFC12	KBSFC12G	4	12	− 1	22	0	61
KBFC16	KBFC16G	KBSFC16	KBSFC16G	4	16	+11	26	−16	68
KBFC20	KBFC20G	KBSFC20	KBSFC20G	5	20	− 1	32	0	80
KBFC25	KBFC25G	KBSFC25	KBSFC25G	6	25	+13	40	−19	112
KBFC30	KBFC30G	KBSFC30	KBSFC30G	6	30	− 2	47		123
KBFC40	KBFC40G	KBSFC40	KBSFC40G	6	40	+16	62	0	151
KBFC50	KBFC50G	KBSFC50	KBSFC50G	6	50	− 4	75	−22	192
KBFC60	KBFC60G	KBSFC60	KBSFC60G	6	60		90	0/−25	209

flange					eccentricity	perpendicularity	basic load rating		allowable static moment	mass	shaft diameter
f mm	Df mm	t mm	P.C.D. mm	X×Y×Z mm	μm	μm	dynamic C N	static Co N	Mo N・m	g	mm
20.5	32	5	24	3.5×6×3.1	15	15	421	804	4.3	59	8
27.5	42	6	32	4.5×7.5×4.1			813	1,570	11.7	110	12
31	46	6	36	4.5×7.5×4.1			921	1,780	14.2	160	16
36	54	8	43	5.5×9×5.1	17	17	1,370	2,740	25.0	260	20
52	62	8	51	5.5×9×5.1			1,570	3,140	44.0	540	25
56.5	76	10	62	6.6×11×6.1			2,500	5,490	78.9	815	30
69	98	13	80	9×14×8.1	20	20	3,430	8,040	147	1,805	40
89.5	112	13	94	9×14×8.1			6,080	15,900	396	2,820	50
95.5	134	18	112	11×17×11.1	25	25	7,550	20,000	487	4,920	60

1N≒0.102kgf　1N・m≒0.102kgf・m