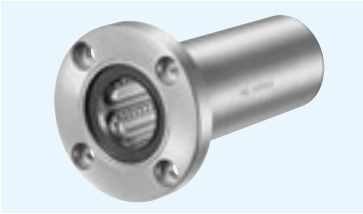
KBF-W TYPE (Euro Standard)

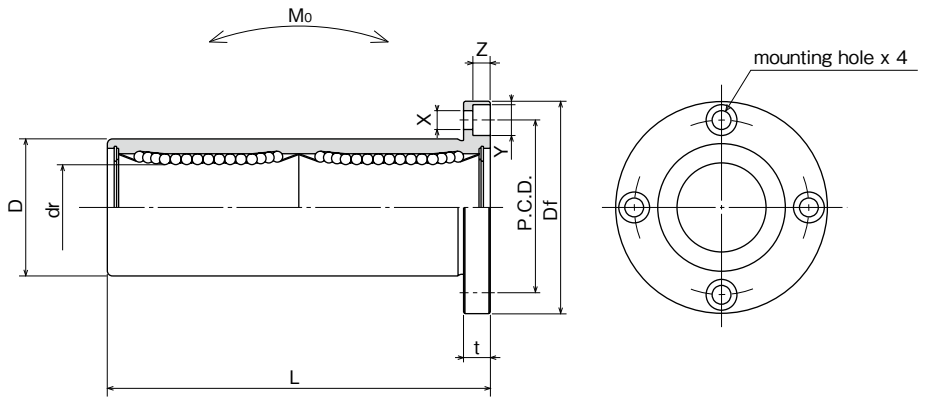
— Round Flange Double-Wide Type —



part number structure

example **KBSF 25 G W UU - SK**

- specification
  KBF: standard
  KBSF: anti-corrosion
- inner contact diameter (dr)
- retainer material
  blank: standard/steel
  anti-corrosion/stainless steel
  G: resin
- double-wide type
- 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
KBF 8W	KBF 8GW	KBSF 8W	KBSF 8GW	4	8	+ 9 − 1	16	0/−13	46
KBF12W	KBF12GW	KBSF12W	KBSF12GW	4	12		22	0 −16	61
KBF16W	KBF16GW	KBSF16W	KBSF16GW	4	16	+11 − 1	26		68
KBF20W	KBF20GW	KBSF20W	KBSF20GW	5	20		32	0 −19	80
KBF25W	KBF25GW	KBSF25W	KBSF25GW	6	25	+13 − 2	40		112
KBF30W	KBF30GW	KBSF30W	KBSF30GW	6	30		47		123
KBF40W	KBF40GW	KBSF40W	KBSF40GW	6	40	+16 − 4	62	0 −22	151
KBF50W	KBF50GW	KBSF50W	KBSF50GW	6	50		75		192
KBF60W	KBF60GW	KBSF60W	KBSF60GW	6	60		90	0/−25	209

flange				eccentricity	perpendicularity	basic load rating		allowable static moment	mass	shaft diameter
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
32	5	24	3.5×6×3.1	15	15	421	804	4.3	59	8
42	6	32	4.5×7.5×4.1			813	1,570	11.7	110	12
46	6	36	4.5×7.5×4.1			921	1,780	14.2	160	16
54	8	43	5.5×9×5.1	17	17	1,370	2,740	25.0	260	20
62	8	51	5.5×9×5.1			1,570	3,140	44.0	540	25
76	10	62	6.6×11×6.1			2,500	5,490	78.9	815	30
98	13	80	9×14×8.1	20	20	3,430	8,040	147	1,805	40
112	13	94	9×14×8.1			6,080	15,900	396	2,820	50
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