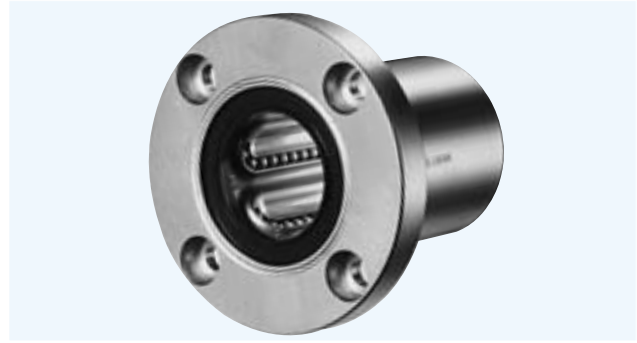


KBF TYPE

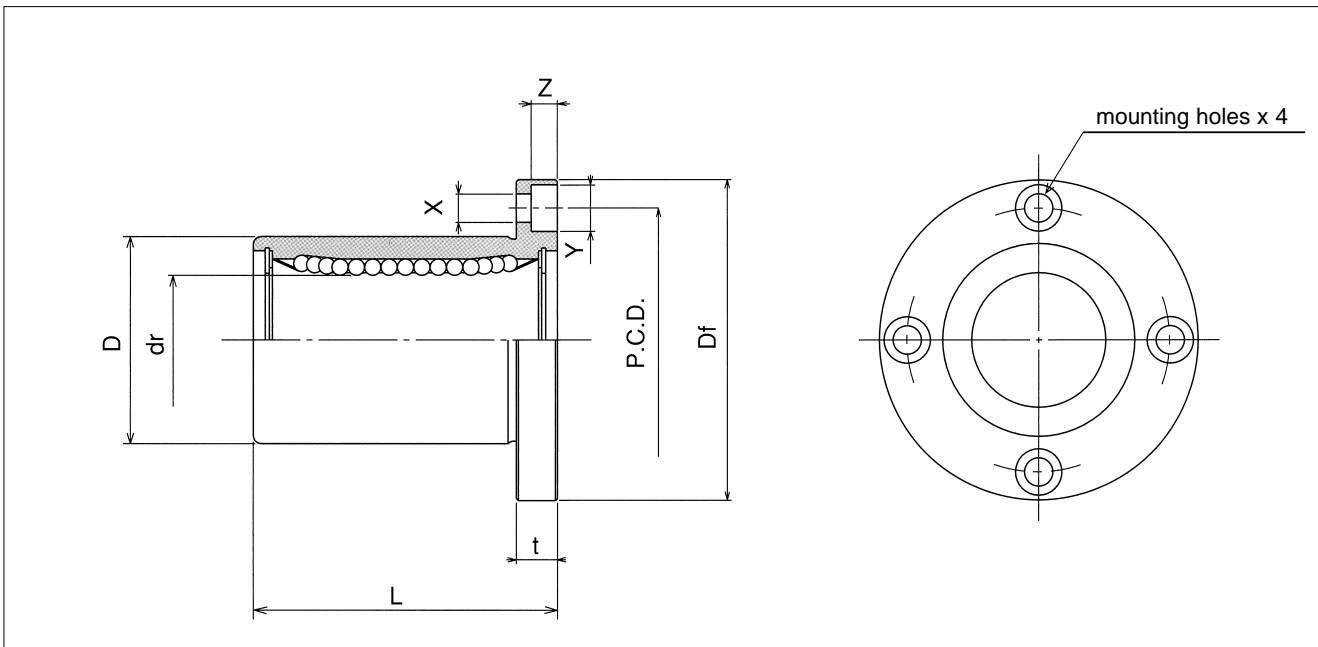
— Round Flange Type —

This type is a metric dimension series generally used in Europe.



part number structure											
example	KBSF 25 G UU - SK										
specification	<table border="1"> <tr> <td>KBF</td> <td>standard</td> </tr> <tr> <td>KBSF</td> <td>anticorrosion</td> </tr> </table>	KBF	standard	KBSF	anticorrosion						
KBF	standard										
KBSF	anticorrosion										
inner contact diameter											
retainer material	<table border="1"> <tr> <td>blank</td> <td>steel</td> </tr> <tr> <td>G</td> <td>resin</td> </tr> </table>	blank	steel	G	resin						
blank	steel										
G	resin										
outer cylinder surface treatment	<table border="1"> <tr> <td>blank</td> <td>no surface treatment</td> </tr> <tr> <td>SK</td> <td>electroless nickel plating</td> </tr> <tr> <td>RD</td> <td>Raydent treatment</td> </tr> <tr> <td>SB</td> <td>black oxide*</td> </tr> <tr> <td>SC</td> <td>industrial chrome plating</td> </tr> </table>	blank	no surface treatment	SK	electroless nickel plating	RD	Raydent treatment	SB	black oxide*	SC	industrial chrome plating
blank	no surface treatment										
SK	electroless nickel plating										
RD	Raydent treatment										
SB	black oxide*										
SC	industrial chrome plating										
*not available in KBSF type											
seal	<table border="1"> <tr> <td>blank</td> <td>without seal</td> </tr> <tr> <td>UU</td> <td>seals on both sides</td> </tr> </table>	blank	without seal	UU	seals on both sides						
blank	without seal										
UU	seals on both sides										

part number				dr		D		L
standard		anticorrosion		mm	tolerance	mm	tolerance	±0.3 mm
steel retainer	resin retainer	stainless retainer	resin retainer		μm		μm	
—	KBF 5G	—	KBSF 5G	5	+ 8	12	0	22
KBF 8	KBF 8G	KBSF 8	KBSF 8G	8	0	16	-13	25
KBF12	KBF12G	KBSF12	KBSF12G	12	0	22	0	32
KBF16	KBF16G	KBSF16	KBSF16G	16	+ 9	26	-16	36
KBF20	KBF20G	KBSF20	KBSF20G	20	- 1	32	0	45
KBF25	KBF25G	KBSF25	KBSF25G	25	+11	40	-19	58
KBF30	KBF30G	KBSF30	KBSF30G	30	- 1	47	-19	68
KBF40	KBF40G	KBSF40	KBSF40G	40	+13	62	0	80
KBF50	KBF50G	KBSF50	KBSF50G	50	- 2	75	-22	100
KBF60	KBF60G	KBSF60	KBSF60G	60	- 2	90	0	125
KBF80	—	—	—	80	+16/-4	120	-25	165



major dimensions				eccentricity	perpen- dicularity	basic load rating		mass	shaft diameter
flange						dynamic	static		
Df	t	P.C.D.	X×Y×Z	μm	μm	C	Co	g	mm
mm	mm	mm	mm			N	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	17	17	2,160	4,020	1,175	40
112	13	94	9×14×8.1			3,820	7,940	1,745	50
134	18	112	11×17×11.1	20	20	4,700	9,800	3,220	60
164	18	142	11×17×11.1			7,350	16,000	6,420	80

1N≐0.102kgf