

# KBKC TYPE (Euro Standard)

– Center Mount Square Flange Type –



## part number structure

example **KBSKC 25 G UU-SK**

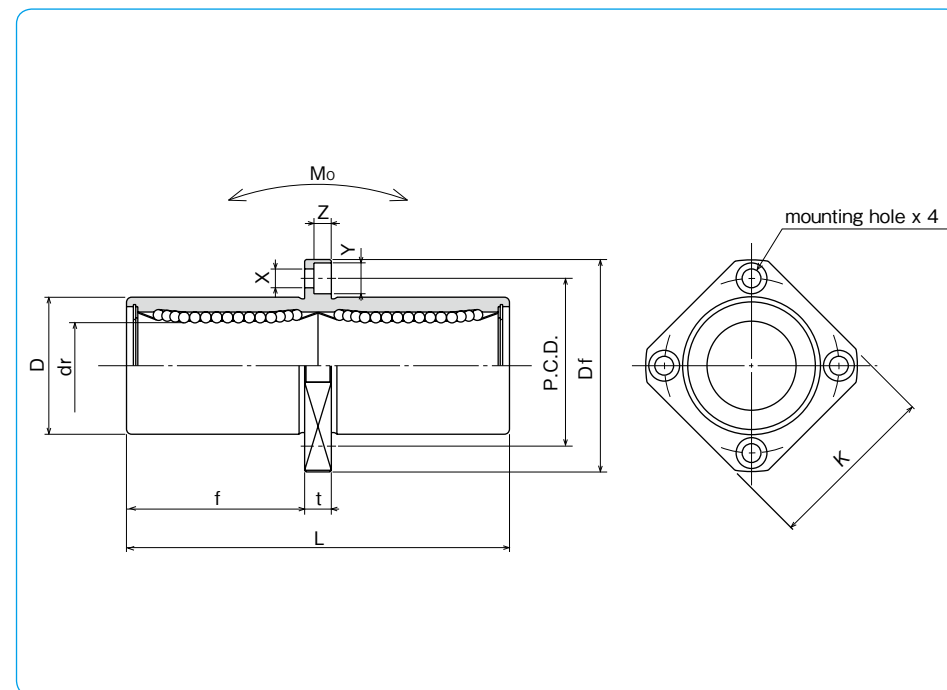
specification  
**KBKC**: standard  
**KBSKC**: anti-corrosion

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	dr		major dimensions		
standard steel retainer	anti-corrosion resin retainer	stainless retainer	resin retainer		mm	tolerance $\mu\text{m}$	D mm	tolerance $\mu\text{m}$	L $\pm 0.3$ mm
<b>KBKC 8</b>	<b>KBKC 8G</b>	<b>KBSKC 8</b>	<b>KBSKC 8G</b>	4	8	+ 9	16	0/-13	46
<b>KBKC12</b>	<b>KBKC12G</b>	<b>KBSKC12</b>	<b>KBSKC12G</b>	4	12	- 1	22	0	61
<b>KBKC16</b>	<b>KBKC16G</b>	<b>KBSKC16</b>	<b>KBSKC16G</b>	4	16	+ 11	26	-16	68
<b>KBKC20</b>	<b>KBKC20G</b>	<b>KBSKC20</b>	<b>KBSKC20G</b>	5	20	- 1	32	0	80
<b>KBKC25</b>	<b>KBKC25G</b>	<b>KBSKC25</b>	<b>KBSKC25G</b>	6	25	+ 13	40	-19	112
<b>KBKC30</b>	<b>KBKC30G</b>	<b>KBSKC30</b>	<b>KBSKC30G</b>	6	30	- 2	47	0	123
<b>KBKC40</b>	<b>KBKC40G</b>	<b>KBSKC40</b>	<b>KBSKC40G</b>	6	40	+ 16	62	0	151
<b>KBKC50</b>	<b>KBKC50G</b>	<b>KBSKC50</b>	<b>KBSKC50G</b>	6	50	- 4	75	-22	192
<b>KBKC60</b>	<b>KBKC60G</b>	<b>KBSKC60</b>	<b>KBSKC60G</b>	6	60		90	0/-25	209

f mm	Df mm	flange				eccentricity $\mu\text{m}$	perpendicularity $\mu\text{m}$	basic load rating		allowable static moment $\text{N} \cdot \text{m}$	mass g	shaft diameter mm
		K mm	t mm	P.C.D. mm	X×Y×Z mm			dynamic C N	static Co N			
20.5	32	25	5	24	3.5×6×3.1	15	15	421	804	4.3	51	8
27.5	42	32	6	32	4.5×7.5×4.1			813	1,570	11.7	90	12
31	46	35	6	36	4.5×7.5×4.1			921	1,780	14.2	135	16
36	54	42	8	43	5.5×9×5.1	17	17	1,370	2,740	25.0	225	20
52	62	50	8	51	5.5×9×5.1			1,570	3,140	44.0	500	25
56.5	76	60	10	62	6.6×11×6.1			2,500	5,490	78.9	720	30
69	98	75	13	80	9×14×8.1	20	20	3,430	8,040	147	1,600	40
89.5	112	88	13	94	9×14×8.1			6,080	15,900	396	2,620	50
95.5	134	106	18	112	11×17×11.1			7,550	20,000	487	4,480	60

1N  $\div$  0.102kgf 1N  $\cdot$  m  $\div$  0.102kgf  $\cdot$  m