TK TYPE

– TOPBALL Metric Type –

part number structure example

TK	20	UU	OP

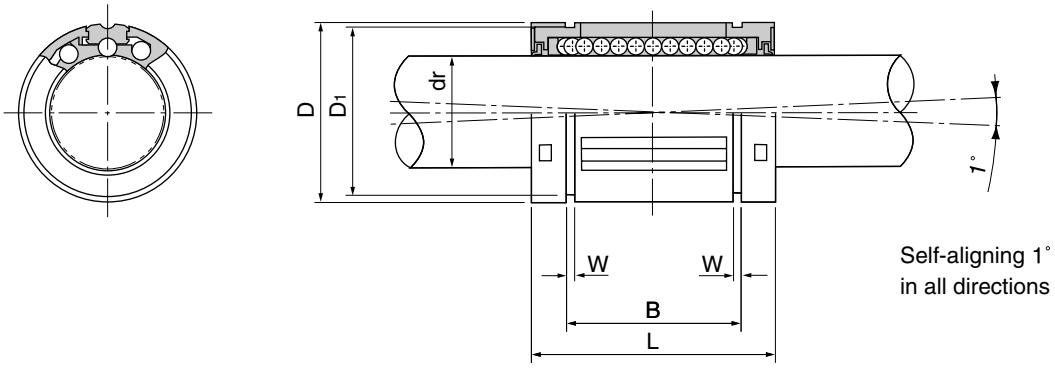
TK type

size

seal

blank	without seal
UU	seals on both sides

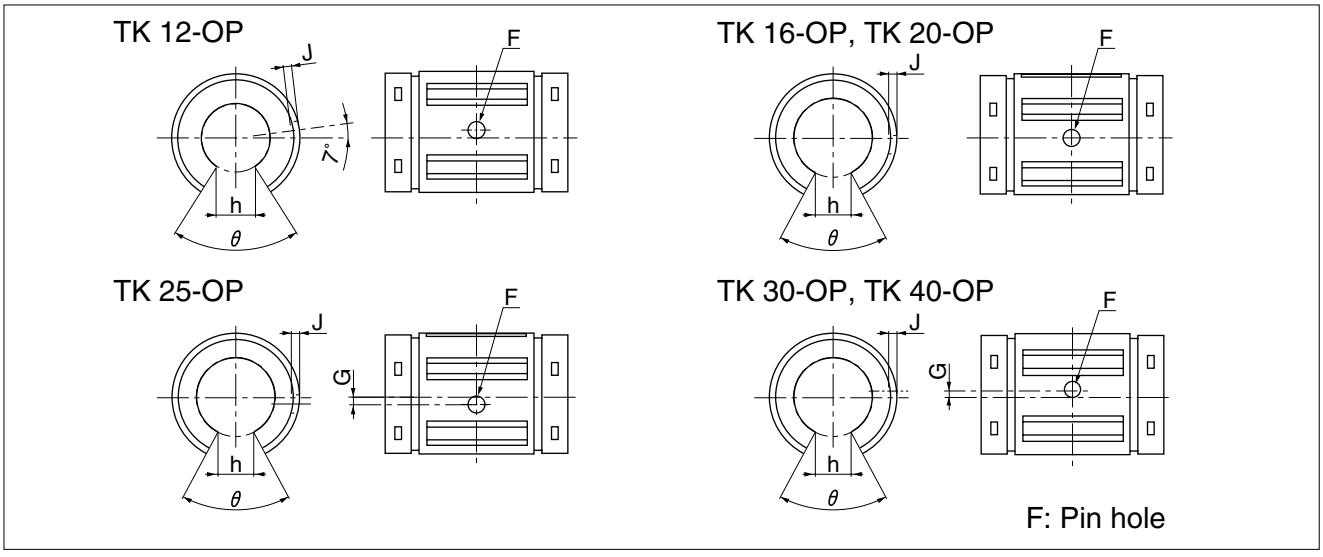
blank	closed
OP	open



Self-aligning 1˚
in all directions

part number						dr		D	L	
closed type			open type				tolerance*			tolerance
	no.of ball circuits	mass g		no.of ball circuits	mass g	mm	μm	mm	mm	mm
TK10	5	14	–	–	–	10	+8 0	19	29	±0.2
TK12	5	21	**TK12-OP**	4	17	12		22	32	
TK16	5	43	**TK16-OP**	4	35	16	+9 −1	26	36	
TK20	6	58	**TK20-OP**	5	48	20		32	45	
TK25	6	123	**TK25-OP**	5	103	25	+11 −1	40	58	
TK30	6	216	**TK30-OP**	5	177	30		47	68	
TK40	6	333	**TK40-OP**	5	275	40	+13/−2	62	80	

* Based on nominal housing bore



major dimensions									basic load rating		nominal shaft diameter
B	tolerance	W	D_1	open type					dynamic C	static Co	
				h	θ	F^{H11}	G	J			
mm	mm	mm	mm	mm		mm	mm	mm	N	N	mm
22.0	0 −0.2	1.3	18	–	–	–	–	–	750	935	10
22.9		1.3	21	6.5	66°	3	–	0.7	1020	1290	12
24.9		1.3	24.9	9	68°		–	1.0	1250	1550	16
31.5		1.6	30.3	9	55°		–	1.0	2090	2630	20
44.1	0 −0.3	1.85	37.5	11.5	57°		1.5	1.5	3780	4720	25
52.1		1.85	44.5	14	57°		2	2.2	5470	6810	30
60.6		2.15	59	19.5	56°		1.5	2.7	6590	8230	40

1N ≒ 0.102kgf