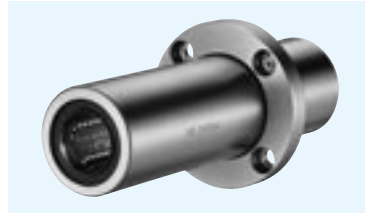


# TRFC TYPE

— Triple-Wide Intermediate Position Round Flange Type —



## part number structure

example **TRFC 25 G UU-Q**

TRFC type

inner contact diameter (dr)

retainer material  
blank: steel  
G: resin

grease fitting  
blank: without  
Q: grease fitting

seal  
UU: seals on both sides  
ZZ: doublelip-seals on both sides

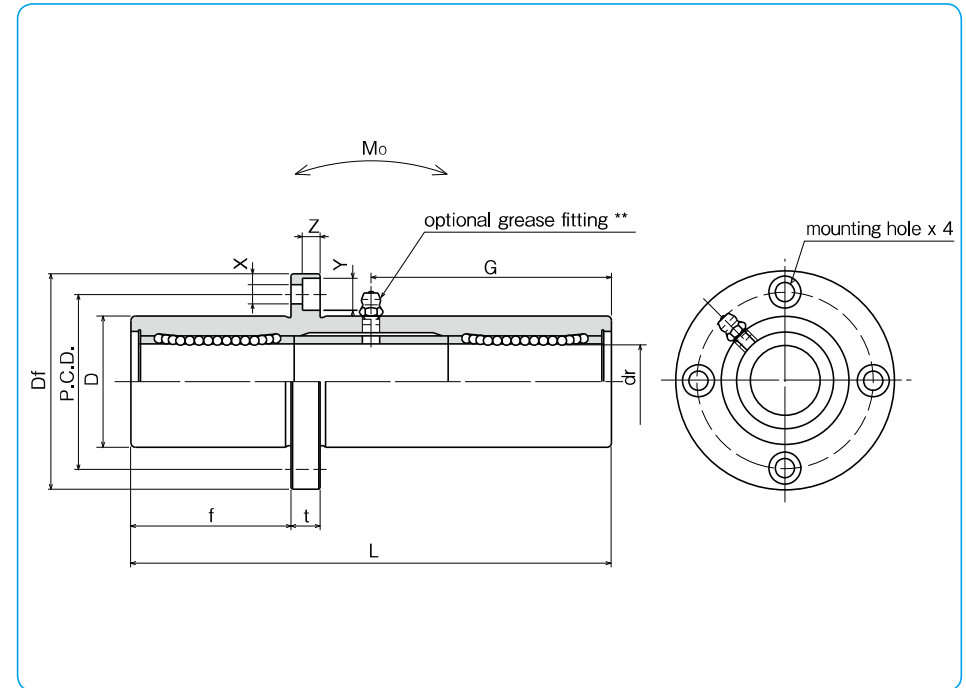
Doublelip-seal is available for size 6 to 30.

part number*		number of ball circuits	dr		major dimensions		
steel retainer	resin retainer		mm	tolerance $\mu\text{m}$	D	tolerance $\mu\text{m}$	L $\pm 0.3$ mm
TRFC 6UU	TRFC 6GUU	4	6	0	15	0/-18	51
TRFC 8UU	TRFC 8GUU	4	8	-12	19		66
TRFC 10UU	TRFC 10GUU	4	10		23	0	80
TRFC 12UU	TRFC 12GUU	4	12		26	-21	84
TRFC 13UU	TRFC 13GUU	4	13	0	28		90
TRFC 16UU	TRFC 16GUU	4	16	-15	32		103
TRFC 20UU	TRFC 20GUU	5	20		40	0	118
TRFC 25UU	TRFC 25GUU	6	25		45	-25	165
TRFC 30UU	TRFC 30GUU	6	30	-18	52		182
TRFC 35UU	TRFC 35GUU	6	35		60	0	200
TRFC 40UU	TRFC 40GUU	6	40	0	65	-30	230
TRFC 50UU	TRFC 50GUU	6	50	-21	85	0	290
TRFC 60UU	TRFC 60GUU	6	60	0/-25	100	-35	310

Outer cylinder is treated with electroless nickel plating.

\* Seals-on-both-sides is standard.

\*\* TRFC6: A-MT6x1 TRFC8: A-M6x1 TRFC10~30: A-M6F TRFC35~60: A-R1/8



f mm	Df mm	flange			grease fitting G mm	eccentricity $\mu\text{m}$	perpendicularity $\mu\text{m}$	basic load rating		allowable static moment $M_o$ N·m	mass g	shaft diameter mm
		t mm	P.C.D. mm	X×Y×Z mm				dynamic C N	static Co N			
17	32	5	24	3.5×6×3.1	20.5	20	20	323	530	8.2	66	6
22	40	6	29	4.5×7.5×4.1	29			431	784	16.0	135	8
27	43	6	33	4.5×7.5×4.1	38			588	1,100	27.0	205	10
28	46	6	36	4.5×7.5×4.1	41			813	1,570	40.1	248	12
30	48	6	38	4.5×7.5×4.1	45			813	1,570	42.9	308	13
35	54	8	43	5.5×9×5.1	51	25	25	1,230	2,350	73.5	412	16
40	62	8	51	5.5×9×5.1	59			1,400	2,740	98.0	752	20
55	74	10	60	6.6×11×6.1	82.5			1,560	3,140	157	1,244	25
61	82	10	67	6.6×11×6.1	91			2,490	5,490	297	1,636	30
67	96	13	78	9×14×8.1	100			2,650	6,270	373	2,580	35
77	101	13	83	9×14×8.1	115	30	30	3,430	8,040	553	2,950	40
97	129	18	107	11×17×11.1	145			6,080	15,900	1,370	6,860	50
104	144	18	122	11×17×11.1	155			7,550	20,000	1,800	9,660	60

1N  $\approx$  0.102kgf 1N·m  $\approx$  0.102kgf·m