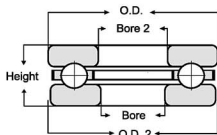


Miniature Thrust Ball Bearing Series

with Grooved Washers (**WITH RACEWAY**) for thrust loads in one direction only.



Miniature thrust bearings are normally supplied in chrome steel but may be available in stainless steel subject to minimum quantity. These bearings can withstand axial or thrust loads only. The bearings in the table below can take thrust loads in one direction only due to different sized washers. They have a greater load capacity and higher speed rating than the flat washer type.



CHROME STEEL AISI52100 / GC715

Dimensions in mm unless otherwise specified

Bore	Bore2	O.D.	O.D. 2	Width	Grooved Washers	Max Load (kgf)	
					CLI Bearing No.	Dyn	Stat
3	3.2	8	7.8	3.5	F3-8WR	99	93
4	4.2	9	8.8	4.0	F4-9WR	94	93
		10	9.8	4.0	F4-10WR	92	93
5	5.2	10	9.8	4.0	F5-10WR	92	93
		12	11.8	4.0	F5-12WR	106	124
6	6.2	12	11.8	4.5	F6-12WR	182	222
		13	12.8	5.0	F6-13WR	182	222
		14	13.8	5.0	F6-14WR	216	244
7	7.2	13	12.8	4.5	F7-13WR	177	222
		17	16.8	6.0	F7-17WR	309	380
8	8.2	16	15.8	5.0	F8-16WR	392	499
		19	18.8	7.0	F8-19WR	394	497
9	9.2	20	19.8	7.0	F9-20WR	386	497
10	10.2	18	17.8	5.5	F10-18WR	247	349