

Thrust Needle Bearings/Thrust Ball Bearings



Please order according to the diagram

①~③ Select the type and parameters in the order of for ordering

■ Thrust Needle Bearings

Model(①Code) — ②d — ③D
YGB — 05 — 15

■ Thrust Ball Bearings

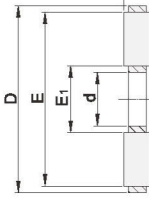
Model(①Code) — ②Bearing Model
YGC — 51100

■ Thrust Needle Bearings

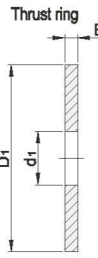


① Please note that the thrust ring may have slight deformation during delivery. Before use, please apply a minimum axial load of 200N in a concentric manner to flatten it.

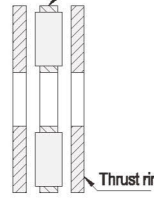
Ball thrust bearing with retainer



Thrust ring



Ball thrust bearing with retainer



Code	Bearing Type Code	Bearing accuracy	Bearing Material	
			International	Equivalent
YGB	—	GB/T 307.1 6 Grade	GCr15	SUJ2

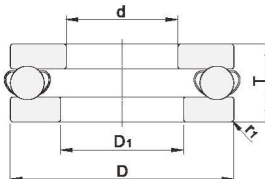
Code	Ball thrust bearing with retainer							Thrust ring ×2			Allowable Rotational Speed rpm (Reference)	Weight (g) (Reference)	Basic dynamic load rating Ca kN	Basic static load rating Coa kN
	d	D	A	E	E1	d1	D1	B						
YGB0414	4	14	-0.095 +0.020	13	5	4	14	-0.032 -0.302			5200	2.7	4.4	8
YGB0515	5	15	-0.11 +0.025	14	6	5	15	-0.040 -0.370			5200	2.8	4.75	9.2
YGB0619	6	19	-0.11 +0.025	18	7	6	19	-0.040 -0.370			4700	5	6.8	15.5
YGB0821	8	21	-0.11 +0.025	20	9	8	21	-0.040 -0.370			4500	6	7.8	19.4
YGB1024	10	24	-0.11 +0.025	23	12	10	24	-0.040 -0.370			4200	9	9.2	25.5
YGB1226	12	26	-0.11 +0.025	25	14	12	26	-0.040 -0.370	1	±0.05	3700	9.9	29	
YGB1528	15	28	-0.11 +0.025	27	17	15	28	-0.040 -0.370			3200	10	11.3	36
YGB1730	17	30	-0.11 +0.025	29	19	17	30	-0.040 -0.370			3000	12	11.9	39.5
YGB2035	20	35	-0.12 +0.032	34	22	20	35	-0.050 -0.440			2500	15	13.1	46.5
YGB2542	25	42	-0.13 +0.04	41	29	25	42	-0.050 -0.440			2100	21	14.7	58
YGB3047	30	47	-0.13 +0.04	46	34	30	47	-0.050 -0.440			1800	24	16.3	70

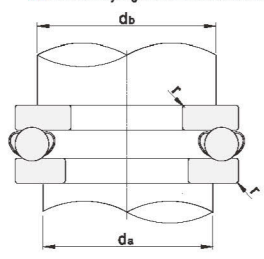
① 1Kgf=9.81N

■ Thrust Ball Bearings



① Both raceway rings and retainers are dismountable. Please take care when unpacking.





Code	Bearing Type Code	Bearing accuracy	Bearing Material	
			International	Equivalent
YGC	5	GB/T 307.1 6 Grade	GCr15	SUJ2

Code	d	D	D1 min	T	r1 min	Basic Rated Load		Allowable Rotational Speed rpm (Reference)	Installation size			Weight (g) (Reference)
						Cr(Dynamic) N	Cor(Static) N		db min	da max	r max	
YGC51100	10	24	11	9	0.3	10.1	14	6700	18	16	0.3	19
YGC51200		26	12	11	0.6	12.8	17.1	6000			0.6	28
YGC51101	12	28	13	9	0.3	10.4	15.4	6700	20	18	0.3	21
YGC51201		28	14	11	0.6	13.3	19	5600	22		0.6	31
YGC51102	15	32	16	9	0.3	10.6	16.8	6300	23	20	0.3	23
YGC51202		32	17	12	0.6	16.7	24.8	5000	25	22	0.6	43
YGC51103	17	30	18	9	0.3	11.4	19.5	6000	22		0.3	25
YGC51203		30	19	12	0.6	17.3	27.3	4800	28	24	0.6	50
YGC51104	20	35	21	10	0.3	15.1	26.6	5300	29	26	0.3	37
YGC51204		35	22	14	0.6	22.5	37.5	4300	32	28		77
YGC51105	25	40	26	11	0.3	19.7	37	4800	35	32		56
YGC51205		40	27	15	0.6	28	50.5	3800	38	34	0.6	111
YGC51106	30	47	32	11	0.3	20.6	42	4300	40	37		64
YGC51206		47	32	16	0.6	29.5	58	3400	43	39		137

① 1Kgf=9.81N