

4.3 CRBC

Series with solid inner and outer ring.

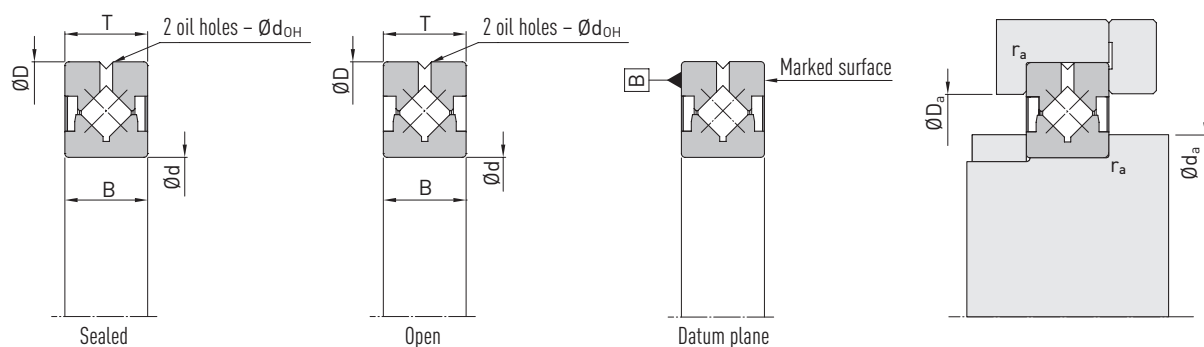


Table 4.3 CRBC specifications

Article number	Dimensions [mm]			Oil holes d_{OH}	Installation dim. [mm]			Load ratings [kN]				Max. idle torque [Nm] ²⁾	Max. speed [rpm]		Weight [kg]
	d ¹⁾	D ¹⁾	Width B, T		d_a	D_a	r_a (max)	Dyn. load rating C_{dyn}		Stat. load rating C_0			Grease	Oil	
								Radial	Axial	Radial	Axial				
CRBC 08016	80	120	16	2.5	92	109	0.6	30.2	67.0	44.8	102	0.63	600	800	0.70
CRBC 09016	90	130	16	2.5	104	120	1.0	30.8	68.0	47.4	108	0.70	540	720	0.80
CRBC 09020	90	140	20	2.5	104	120	1.0	39.7	88.0	60.2	136	0.95	520	700	1.20
CRBC 10016	100	140	16	2.5	112	129	1.0	32.5	72.0	52.3	118	0.80	500	660	0.84
CRBC 10020	100	150	20	2.5	117	132	1.0	40.4	90.0	63.6	144	1.05	480	640	1.38
CRBC 11020	110	160	20	2.5	126	143	1.0	42.7	95.0	70.2	159	1.20	440	590	1.50
CRBC 12016	120	150	16	2.5	126	143	1.0	28.1	62.0	50.3	114	0.75	440	590	0.74
CRBC 12020	120	170	20	2.5	136	153	1.5	44.9	100.0	76.9	175	1.30	410	550	2.10
CRBC 12025	120	180	25	2.5	138	158	1.5	66.3	147.0	109.0	246	2.02	400	530	2.60
CRBC 13025	130	190	25	2.5	148	168	1.5	67.8	150.0	114.8	261	2.20	375	500	2.70
CRBC 14025	140	200	25	2.5	161	178	1.5	69.5	154.0	120.6	274	2.40	350	470	2.84
CRBC 15025	150	210	25	2.5	168	188	1.5	73.1	162.0	131.9	300	2.70	330	440	3.60
CRBC 40035	400	480	35	3.0	426	447	2.5	219.4	487.0	523.9	1,190	20.00	135	180	13.86

¹⁾ d = Inner diameter; D = Outer diameter

²⁾ Measured at 30 rpm with grease filling (G05)

Note: The load ratings correspond to the standard ISO76/ISO281