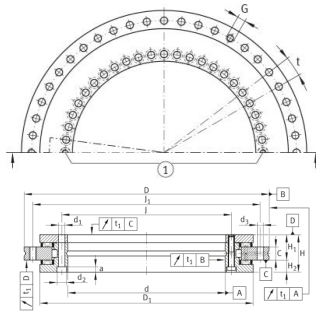
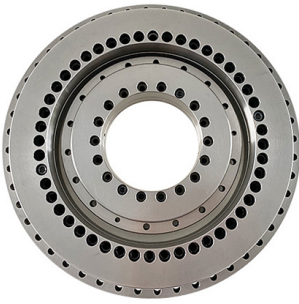


# YRTC Series Rotary Table Bearing



YRTC Series

Bearing type	Dimensions(mm)										Inner ring(mm)				Outer ring(mm)		Threaded extraction hole		Screw tightening torque(Nm)		Pitch t	Basic load rating(KN)				Limiting speed (NG)		Rigidity				Weight(kg)
	d	D	H	H1	H2	C	D1 max.	J	J1	d1	d2	a	qty	d3	qty	G	qty	MA2)	Quantity X t Including retaining screws and extraction threads	axial	radial	Co	Cor	axial	radial	axial	radial	axial	radial	axial	radial	
	Ca	Coa	Co	Cor	Continuous operation, operation	Swivel type short operating duration	axial CrLkN/μm	radial CrLkN/μm	Tilting rigidity CkLkNm/mrad	axial Cal kN/μm	radial C-L kN/μm	Tilting rigidity CkLkNm/mrad																				
YRTC100	100	185	30	25	13	12	161	112	170	5.6	10	5.4	16	1.6	15	M5	3	8.5	18 x 20°	105000	455000	50000	88000			2.65	2.25	6.6	8.7	3.7	23.5	3.65
YRTC120	120	210	40	26	14	12	185	135	195	7	11	6.2	22	7	21	M8	3	14	24 x 15°	112000	520000	69000	124000			2.9	2.6	9.9	9.8	4	35.5	4.61
YRTC150	150	240	40	26	14	12	214.5	165	225	7	11	6.2	34	7	33	M8	3	14	36 x 10°	128000	65000	75000	146000			3.8	3.2	17	12	4.8	61	5.4
YRTC180	180	280	43	29	14	15	245.1	194	260	7	11	6.2	46	7	45	M8	3	14	48 x 7.5°	135000	73000	100000	200000			4.7	3.6	27	13.5	5.3	88.5	7.2
YRTC200	200	300	45	30	15	15	274.4	215	285	7	11	6.2	46	7	45	M8	3	14	48 x 7.5°	147000	850000	123000	275000			4.9	4.1	40	15.5	6.2	128	9.2
YRTC260	260	385	55	36.5	18.5	18	347	280	365	9.3	15	8.2	34	9.3	33	M12	3	34	36 x 10°	168000	1090000	140000	355000			6.9	5.3	104	19	81	26.5	17.8
YRTC325	325	450	60	40	20	20	415.1	342	430	9.3	15	8.2	34	9.3	33	M12	3	34	36 x 10°	248000	1900000	183000	530000			13	71	159	33	99	633	24.7
YRTC395	395	525	65	42.5	22.5	20	487.7	415	505	9.3	15	9.3	46	9.3	45	M12	3	34	48 x 7.5°	265000	2190000	200000	640000			9.9	5.8	28	37	13	1002	32.5
YRTC460	460	600	70	46	24	22	560.9	482	580	9.3	15	8.2	46	9.3	45	M12	3	34	48 x 7.5°	288000	2550000	267000	880000			12	6.5	429	43	17	154.3	45.2
YRTC580	580	750	90	60	30	30	700	610	720	11.4	18	11	46	11.4	42	M12	6	68	48 x 7.5°	510000	4450000	208000	730000	80	200	11.9	2.9	735	41.8	11.2	1960	89
YRTC650	650	870	122	78	44	34	800	680	830	14	20	13	46	14	42	M12	6	116	48 x 7.5°	810000	6800000	405000	1300000	70	170	20.6	7.3	1193	51.4	8.2	3554	170
YRTC850	850	1095	124	80.5	43.5	37	1018	890	1055	18	26	17	58	18	54	M16	6	284	60 x 6°	900000	8500000	460000	1690000	50	125	26.5	11.9	2351	61.9	12	6772	253
YRTC1030	1030	1300	145	92.5	-	40	1215	1075	1255	18	26	17	70	18	66	M16	6	284	72 x 5°	1000000	10300000	510000	2050000	40	100	36.4	11.2	5400	74.9	14.2	11165	375