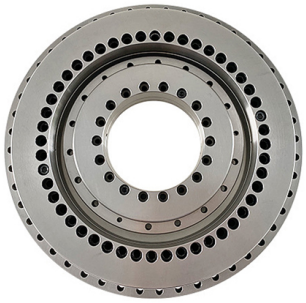
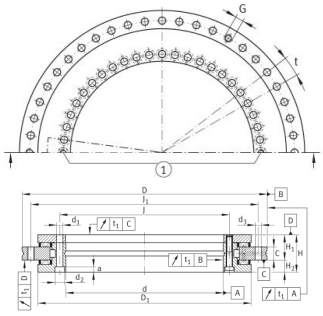
YRTC Series Rotary Table Bearing





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)
																			axial		radial				bearing position			rolling element set			
	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	Ca	Coa	Co	Cor	Continuous operation	Swivel type operation, short operating duration	axial CaL kN/μm	radial CrLkN/μm	Tilting rigidity CkLkNm/mrad	axial CaL kN/μm	radial CrL 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