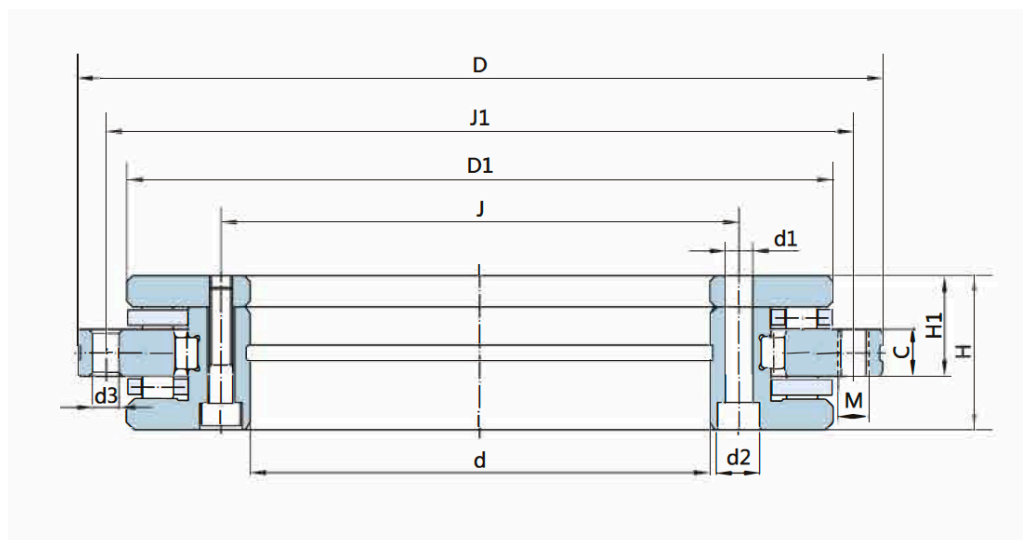


## YSRT Series



Features: YSRT bearing consist of a thrust/radial housing washer, a thrust/radial shaft washer, a thrust washer, two axial needle roller and cage assemblies and a group of radial cylindrical roller. Housing washer and shaft washer have bolt hole for install equally spacer. This kind of bearings have high axial load and radial load and high tilting rigidity and high precision. This bearing can be used to the machine tool or other high precision machinery of the rotary table or sub-set and also can be used for chuck measuring instruments and test equipment and rotary table configuration. This bearing requests higher quality of the parts match it. You must control screw tightening torque when install it.

Bearing No.	Boundary Dimensions								Basic Load Rating(KN)				Weight (kg)
									Axial		Radial		
	d	D	H	H1	C	D1	J	J1	Ca	Coa	Cr	Cor	
YSRT80	80	146	35	23.35	12	130	92	138	38	158	44	98	2.4
YSRT100	100	185	38	25	12	160	112	170	73	370	52	108	4.1
YSRT120	120	210	40	26	12	184	135	195	80	445	70	148	5.3
YSRT150	150	240	40	26	12	214	165	225	85	510	77	179	6.2
YSRT180	180	280	43	29	15	244	194	260	92	580	83	209	7.7
YSRT200	200	300	45	30	15	274	215	285	98	650	89	236	9.7
YSRT260	260	385	55	36.5	18	345	280	365	109	810	102	310	18.3

Bearing No.	Inner ring				Outer ring				screw pitch Z×t	Starting torque	Speed Rating (r/min)	Runout (μ)	
	Assembly bore			Lock screw bolt	Assembly bore		Unlock screw						
	d1	d2	Qty	Qty	d3	Qty	M	Qty	Z×t	Nm	rpm	p2	μp
YSRT80	5.6	10	10	2	5.6	12	—	—	12×30°	6.7	350	3	1.5
YSRT100	5.6	10	16	2	5.6	15	M5	3	18×20°	8.3	280	3	1.5
YSRT120	7	11	22	2	7	21	M8	3	24×15°	10.5	230	3	1.5
YSRT150	7	11	34	2	7	33	M8	3	36×10°	12.1	210	3	2
YSRT180	7	11	46	2	7	45	M8	3	48×7.5°	15.4	190	4	2
YSRT200	7	11	46	2	7	45	M8	3	48×7.5°	21.4	170	4	2.5
YSRT260	9.3	15	34	2	9.3	33	M12	3	36×10°	25.3	130	6	3