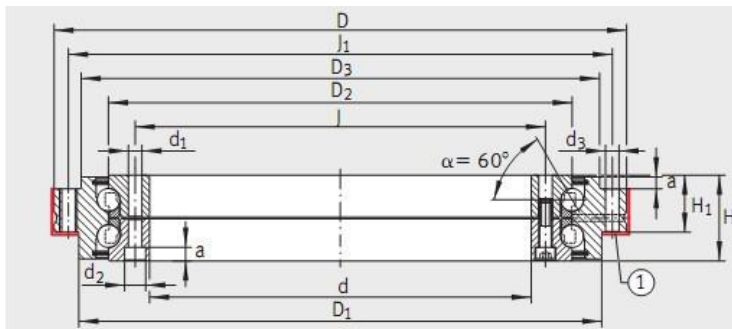


ZKLDF Rotary Table Bearings

(High Speed Precision Bearings/ Axial Angular Contact Ball Bearings)

ZKLDF series rotary table bearing includes components of an integral outer ring, two inner rings, two sets of steel balls and brass cage. The contact angle is 60 degree, and the inner part is provided with a mounting hole. It is convenient to install the bearing through the connecting bolt. The two sides of the ZKLDF turntable bearing are provided with sealing covers, which can prevent the external dirt enter in and the lubrication grease go out. This kind bearings can bear radial load, bidirectional axial load and short overturning force due to the bidirectional 60 degree contact ball structure design; the special brass cage design also make it have higher strength and lower friction ratio, which is especially suitable for the situation of ultra-high speed, long-term operation and high requirements for rigidity and accuracy.



bearing type	boundary dimensions								fixing holes					
	d	D	H	H1	D1	D2	J	J1	inner ring				outer ring	
	unit: mm								d1	d2	a	quantity	d3	quantity
									mm				mm	
ZKLDF100	100	185	38	25	160	136	112	170	5.6	10	5.4	16	5.6	15
ZKLDF120	120	210	40	26	184	159	135	195	7	11	6.2	22	7	21
ZKLDF150	150	240	40	26	214	188	165	225	7	11	6.2	34	7	33
ZKLDF200	200	300	45	30	274	243	215	285	7	11	6.2	46	7	45
ZKLDF260	260	385	55	36.5	345	313	280	365	9.3	15	8.2	34	9.3	33
ZKLDF325	325	450	60	40	415	380	342	430	9.3	15	8.2	34	9.3	33
ZKLDF395	395	525	65	42.5	486	450	415	505	9.3	15	8.2	46	9.3	45
ZKLDF460	460	600	70	46	560	520	482	580	9.3	15	8.2	46	9.3	45



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bearing type	Number of retaining screws	Extraction thread hole		1) Number of pitches X angle of pitches	Screw tightening torque	Basic load rating		Limiting speed	3) Bearing frictional torque	weight
						axial				
						dynamic load	static load			
						MA2)	C a			
		G	quantity	quantity×t	N m	KN		r/min	Nm	Kg
ZKLDF100	2	M5	3	18×20°	8.5	71	265	2800	1.6	4.5
ZKLDF120	2	M8	3	24×15°	14	76	315	2400	2	6
ZKLDF150	2	M8	3	36×10°	14	81	380	2000	3	7.5
ZKLDF200	2	M8	3	48×7.5°	14	112	610	1600	4.5	11
ZKLDF260	2	M12	3	36×10°	34	162	920	1200	7.5	22
ZKLDF325	2	M12	3	36×10°	34	172	1110	1000	11	28
ZKLDF395	2	M12	3	48×7.5°	34	241	1580	800	16	39
ZKLDF460	2	M12	3	48×7.5°	34	255	1860	700	21	50

For more information, please contact [Tedin's](#) technical center.