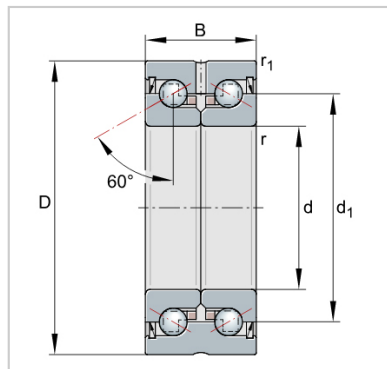


ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

MONTON 洛阳盟拓轴承科技有限公司
Louyang Monton Bearing Science&Technology Co.Ltd.

ZKLN Axial angular contact ball bearings



Designation	Mass = kg	Dimensions						Mounting dimensions		Basic load ratings axial		Fatigue limiting load ad Cu N	Limiting speed d nGrease min-1	Theor. max. safe operating speed nP min-1	Bearing friction torque MR Nm	Rigidity I caL N/μm	Tilting rigidity d Nm/mrad	Mass moment of inertia I Mm kg · cm ²	Axial runout 1) μm	Recommended INA precision locknut2)			Required locknut force3) axial N
		d	D - 0,010	B - 0,25	d1	r min.	r1 min.	Da max.	da min.	dyn. Ca N	stat. Coa N									For radial locking	Tightening torque4) MA Nm	Tightening torque4) MA Nm	
ZKL N06 19-2Z	0.02	6	19	12	12	0.3	0.3	16	9	5400	6100	360	22800	14000	0.01	150	4	0.0019	2	ZM 06	-	1	2010
ZKL N06 24-2RS	0.03	6	24	15	14	0.3	0.6	19	9	7600	8500	500	16400	6800	0.04	200	8	0.0044	2	ZM 06	-	2	2404
ZKL N06 24-2Z	0.03	6	24	15	14	0.3	0.6	19	9	7600	8500	500	19900	12000	0.02	200	8	0.0044	2	ZM 06	-	2	2404
ZKL N08 32-2RS	0.09	8	32	20	19	0.3	0.6	26	11	13800	16300	960	12100	5100	0.08	250	20	0.002	2	ZM 08	-	4	3468
ZKL N08 32-2Z	0.09	8	32	20	19	0.3	0.6	26	11	13800	16300	960	15500	9500	0.04	250	20	0.002	2	ZM 08	-	4	3468
ZKL N10 34-2RS	0.1	10	34	20	21	0.3	0.6	28	14	14700	18800	1110	10900	4600	0.12	325	25	0.0029	2	ZM 10	-	6	4891
ZKL N10	0.1	10	34	20	21	0.3	0.6	28	14	14700	18800	1110	14400	8600	0.06	325	25	0.0029	2	ZM 10	-	6	4891

34- ZZ																								
ZKL N12 42- 2RS	0.2	12	42	25	25	0.3	0.6	33	16	186 00	247 00	146 0	920 0	380 0	0.1 6	375	50	0.0 68	2	ZM 12	-	8	530 7	
ZKL N12 42- ZZ	0.2	12	42	25	25	0.3	0.6	33	16	186 00	247 00	146 0	120 00	760 0	0.0 8	375	50	0.0 68	2	ZM 12	-	8	530 7	
ZKL N15 45- 2RS	0.2 1	15	45	25	28	0.3	0.6	35	20	196 00	280 00	165 0	820 0	350 0	0.2	400	65	0.1 02	2	ZM 15	AM 15	10	548 4	
ZKL N15 45- ZZ	0.2 1	15	45	25	28	0.3	0.6	35	20	196 00	280 00	165 0	108 00	700 0	0.1	400	65	0.1 02	2	ZM 15	AM 15	10	548 4	
ZKL N17 47- 2RS	0.2 2	17	47	25	30	0.3	0.6	37	23	207 00	310 00	184 0	760 0	330 0	0.2 4	450	80	0.1 32	2	ZM 17	AM 17	15	751 4	
ZKL N17 47- ZZ	0.2 2	17	47	25	30	0.3	0.6	37	23	207 00	310 00	184 0	101 00	660 0	0.1 2	450	80	0.1 32	2	ZM 17	AM 17	15	751 4	
ZKL N20 52- 2RS	0.3 1	20	52	28	34. 5	0.3	0.6	43	25	285 00	470 00	275 0	660 0	300 0	0.3	650	140	0.2 73	2	ZM 20	AM 20	18	825 8	
ZKL N20 52- ZZ	0.3 1	20	52	28	34. 5	0.3	0.6	43	25	285 00	470 00	275 0	870 0	540 0	0.1 5	650	140	0.2 73	2	ZM 20	AM 20	18	825 8	
ZKL N25 57- 2RS	0.3 4	25	57	28	40. 5	0.3	0.6	48	32	305 00	550 00	325 0	570 0	260 0	0.4	750	200	0.4 86	2	ZM 25	AM 25	25	912 3	
ZKL N25 57- ZZ	0.3 4	25	57	28	40. 5	0.3	0.6	48	32	305 00	550 00	325 0	750 0	470 0	0.2	750	200	0.4 86	2	ZM 25	AM 25	25	912 3	
ZKL N30 62- 2RS	0.3 9	30	62	28	45. 5	0.3	0.6	53	40	320 00	640 00	375 0	500 0	220 0	0.5	850	300	0.7 3	2.5	ZM 30	AM 30	32	994 7	
ZKL N30 62- ZZ	0.3 9	30	62	28	45. 5	0.3	0.6	53	40	320 00	640 00	375 0	670 0	430 0	0.2 5	850	300	0.7 3	2.5	ZM 30	AM 30	32	994 7	
ZKL N30 72- 2RS	0.7 2	30	72	38	51	0.3	0.6	64	47	650 00	108 000	640 0	450 0	210 0	0.8	950	400	1.9 1	2.5	ZM A30 /52	AM 30	65	195 09	

Designation	Mass = kg	Dimensions						Mounting dimensions		Basic load ratings axial		Fatigue limiting load	Limiting speed	Theor. max. safe operating speed	Bearing frictional torque	Rigidity	Tilting rigidity	Mass moment of inertia	Axial runout	Recommended INA precision			Required locknut
		d	D - 0,010	B - 0,25	d1	r min.	r1 min.	Da max.	da min.	dyn. Ca N	stat. Coa N									For radial locking	Tightening torque	Tightening torque	
ZKL N3072-2Z	0.72	30	72	38	51	0.3	0.6	64	47	65000	108000	6400	5600	4000	0.4	950	400	1.91	2.5	ZMA30/52	AM30	65	19509
ZKL N3572-2RS	0.51	35	72	34	52	0.3	0.6	62	45	45000	89000	5200	4400	2000	0.6	900	400	1.51	2.5	ZM35	AM35/58	40	10770
ZKL N3572-2Z	0.51	35	72	34	52	0.3	0.6	62	45	45000	89000	5200	5800	3800	0.3	900	400	1.51	2.5	ZM35	AM35/58	40	10770
ZKL N4075-2RS	0.61	40	75	34	58	0.3	0.6	67	50	47500	101000	6000	4000	1800	0.7	1000	550	2.26	2.5	ZM40	AM40	55	13412
ZKL N4075-2Z	0.61	40	75	34	58	0.3	0.6	67	50	47500	101000	6000	5200	3300	0.35	1000	550	2.26	2.5	ZM40	AM40	55	13412
ZKL N4090-2RS	0.95	40	90	46	65	0.6	0.6	80	56	79000	149000	8800	3500	1600	1.3	1200	750	5.5	2.5	ZMA40/62	AM40	110	25185
ZKL N4090-2Z	0.95	40	90	46	65	0.6	0.6	80	56	79000	149000	8800	4400	3100	0.65	1200	750	5.5	2.5	ZMA40/62	AM40	110	25185
ZKL N5090-2RS	0.88	50	90	34	72	0.3	0.6	82	63	51000	126000	7400	3200	1500	0.9	1250	1000	5.24	2.5	ZM50	AM50	85	16280
ZKL N5090-2Z	0.88	50	90	34	72	0.3	0.6	82	63	51000	126000	7400	4200	3000	0.45	1250	1000	5.24	2.5	ZM50	AM50	85	16280
ZKL N50110-2RS	2.5	50	110	54	80	0.6	0.6	98	63	125000	250000	14800	2900	1200	2.6	1400	1500	15.2	2.5	ZMA50/75	AM50	150	28451
ZKL N50	2.5	50	110	54	80	0.6	0.6	98	63	125000	250000	14800	3500	2500	1.3	1400	1500	15.2	2.5	ZMA50	AM50	150	28451

110 -2Z																				/75			
ZKL N60 110 -2Z	2.2	60	110	45	85	0.6	0.6	100	82	930 00	214 000	126 00	400 0	300 0	1	130 0	165 0	13. 7	3	ZM A60 /98	AM 60	100	167 00
ZKL N70 120 -2Z	2.4	70	120	45	95	0.6	0.6	110	92	970 00	241 000	142 00	380 0	280 0	1.2	145 0	225 0	19. 8	3	ZM A70 /11 0	AM 70	130	190 31
ZKL N80 130 -2Z	2.7	80	130	45	105	0.6	0.6	120	102	100 000	265 000	154 00	360 0	270 0	1.4	160 0	300 0	27. 6	3	ZM A80 /12 0	AM 80	160	206 04
ZKL N90 150 -2Z	4.5	90	150	55	120	0.6	0.6	138	116	149 000	395 000	213 00	350 0	230 0	2.3	170 0	440 0	59. 9	3	ZM A90 /13 0	AM 90	200	227 31
ZKL N10 016 0-2 Z	4.9	100	160	55	132	0.6	0.6	150	128	154 000	435 000	224 00	330 0	215 0	2.6	190 0	580 0	85. 3	3	ZM A10 0/1 40	AM 100	250	256 24
ZKL N06 24- 2RS- PE	0.0 3	6	24	15	14	0.3	0.6	19	9	690 0	850 0	375	164 00	680 0	0.0 4	200	8	0.0 044	5	ZM 06	-	2	240 4
ZKL N10 34- 2RS- PE	0.1	10	34	20	21	0.3	0.6	28	14	134 00	188 00	830	109 00	460 0	0.1 2	325	25	0.0 29	5	ZM 10	-	6	489 1
ZKL N12 42- 2RS- PE	0.2	12	42	25	25	0.3	0.6	33	16	169 00	247 00	109 0	920 0	380 0	0.1 6	375	50	0.0 68	5	ZM 12	-	8	530 7
ZKL N15 45- 2RS- PE	0.2 1	15	45	25	28	0.3	0.6	35	20	179 00	280 00	124 0	820 0	350 0	0.2	400	65	0.1 02	5	ZM 15	AM 15	10	548 4

Designation	Mass = kg	Dimensions						Mounting dimensions		Basic load ratings axial		Fatigue limiting speed	Limiting speed	Theor. max. safe operating speed	Bearing frictional torque	Rigidity axial	Tilting rigidity	Mass moment of inertia	Axial runout	Recommended INA precision			Required locknut
		d	D - 0,010	B - 0,25	d1	r min.	r1 min.	Da max.	da min.	dyn. Ca N	stat. Coa N									For radial locking	Tightening torque	Tightening torque	
ZKL N17 47-2RS-PE	0.22	17	47	25	30	0.3	0.6	37	23	18800	31000	1380	7600	3300	0.24	450	80	0.132	5	ZM 17	AM 17	15	7514
ZKL N20 52-2RS-PE	0.31	20	52	28	34.5	0.3	0.6	43	25	26000	47000	2070	6600	3000	0.3	650	140	0.273	5	ZM 20	AM 20	18	8258
ZKL N25 57-2RS-PE	0.34	25	57	28	40.5	0.3	0.6	48	32	27500	55000	2450	5700	2600	0.4	750	200	0.486	5	ZM 25	AM 25	25	9123
ZKL N30 62-2RS-PE	0.39	30	62	28	45.5	0.3	0.6	53	40	29000	64000	2800	5000	2200	0.5	850	300	0.73	5	ZM 30	AM 30	32	9947
ZKL N35 72-2RS-PE	0.51	35	72	34	52	0.3	0.6	62	45	41000	89000	3950	4400	2000	0.6	900	400	1.51	5	ZM 35	AM 35/38	40	10770
ZKL N50 90-2RS-PE	0.88	50	90	34	72	0.3	0.6	82	63	46500	126000	5600	3200	1500	0.9	1250	1000	5.24	5	ZM 50	AM 50	85	16280
ZKL N17 47-2RS-2AP	0.44	17	47	50	30	0.3	0.6	37	23	33500	62000	3700	7600	3300	0.36	800	200	0.264	2	ZM 17	AM 17	15	7514
ZKL N20 52-2RS-2AP	0.62	20	52	56	34.5	0.3	0.6	43	25	46000	94000	5500	6600	3000	0.45	1150	320	0.546	2	ZM A20/38	AM 20	18	8258
ZKL	0.6	25	57	56	40	0.3	0.6	48	32	490	111	650	570	260	0.6	130	450	0.9	2	ZM	AM	25	912

N25 57- 2RS -2A P	8				5					00	000	0	0	0		0		72		A25 /45	25		3
ZKL N30 62- 2RS -2A P	0.7 8	30	62	56	45. 5	0.3	0.6	53	40	520 00	127 000	750 0	500 0	220 0	0.7 5	150 0	620	1.4 6	2.5	ZM A30 /52	AM 30	32	994 7
ZKL N35 72- 2RS -2A P	1.0 2	35	72	68	52	0.3	0.6	62	45	730 00	177 000	105 00	440 0	200 0	0.9	160 0	900	3.0 2	2.5	ZM A35 /58	AM 35/ 58	40	107 70
ZKL N40 75- 2RS -2A P	1.2 2	40	75	68	58	0.3	0.6	67	50	770 00	202 000	119 00	400 0	180 0	1.0 5	175 0	120 0	4.5 2	2.5	ZM A40 /62	AM 40	55	134 12
ZKL N50 90- 2RS -2A P	1.7 6	50	90	68	72	0.3	0.6	82	63	830 00	250 000	149 00	320 0	150 0	1.3 5	220 0	225 0	10. 48	2.5	ZM A50 /75	AM 50	85	162 80