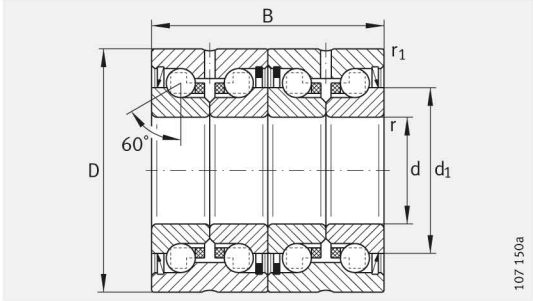


Axial angular contact ball bearings

Not for screw mounting
Matched pair

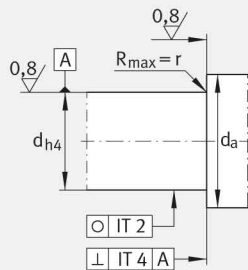
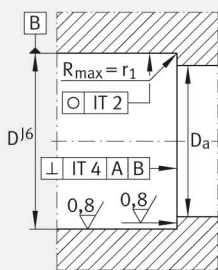


ZKLN...2RS-2AP

Dimension table · Dimensions in mm

Designation	Mass m ≈kg	Dimensions						Mounting dimensions		Basic load ratings axial	
		d	D	B	d ₁	r	r ₁	D _a	d _a	dyn. C _a	stat. C _{0a}
		−0,005	−0,01	−0,5		min.	min.	max.	min.	N	N
ZKLN1747-2RS-2AP	0,44	17	47	50	30	0,3	0,6	37	23	30 500	62 000
ZKLN2052-2RS-2AP	0,62	20	52	56	34,5	0,3	0,6	43	25	42 000	94 000
ZKLN2557-2RS-2AP	0,68	25	57	56	40,5	0,3	0,6	48	32	44 500	111 000
ZKLN3062-2RS-2AP	0,78	30	62	56	45,5	0,3	0,6	53	40	47 500	127 000
ZKLN3572-2RS-2AP	1,02	35	72	68	52	0,3	0,6	62	45	66 000	177 000
ZKLN4075-2RS-2AP	1,22	40	75	68	58	0,3	0,6	67	50	70 000	202 000
ZKLN5090-2RS-2AP	1,76	50	90	68	72	0,3	0,6	82	63	76 000	250 000

1) Mass moment of inertia for rotating inner ring.
2) Only valid in conjunction with INA precision locknuts.



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Design of adjacent construction

Limiting speed n_G grease min^{-1}	Bearing frictional torque M_{RL} Nm	Rigidity axial c_{aL} N/ μm	Tilting rigidity c_{kL} Nm/mrad	Mass moment of inertia ¹⁾ M_m kg · cm ²	Axial runout μm	Recommended INA locknut; to be ordered separately			
						Designation		Tightening torque ²⁾ M_A Nm	Axial preload force N
3300	0,36	800	200	0,264	2	ZM17	AM17	15	7157
3000	0,45	1150	320	0,546	2	ZMA20/38	AM20	18	9079
2600	0,6	1300	450	0,972	2	ZMA25/45	AM25	25	9410
2200	0,75	1500	620	1,46	2,5	ZMA30/52	AM30	32	10451
2000	0,9	1600	900	3,02	2,5	ZMA35/58	AM35/58	40	10770
1800	1,05	1750	1200	4,52	2,5	ZMA40/62	AM40	55	13412
1500	1,35	2200	2250	10,48	2,5	ZMA50/75	AM50	85	17009

