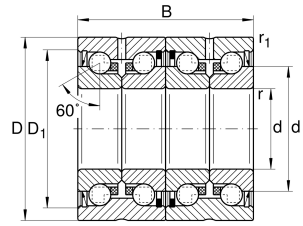


ZKLN Series Bearings for screw drives



Designation	Mass(kg)	Dimensions(mm)						Mounting dimensions(mm)		Basic load ratings axial(N)		Fatigue limit load	Limiting speed	Thermally safe operating speed	Bearing frictional torque MR Nm	Rigidity axial cal. N/μm	Tilting rigidity ckl	Mass moment of inertia Mm	Axial runout μm	Recommended INA precision locknut		Required locknut force axial N	
		d	D	B	d1	r min.	r1 min.	Da max.	da min.	Ca	Coa	Cu N	nG grease min-1	nP min-1						For radial locking	For axial locking	Tightening torque MA Nm	
ZKLN0619-2Z	0.02	6	19	12	12	0.3	0.3	16	9	5400	6100	360	22800	14000	0.01	150	4	0.0019	2	ZM06	-	1	2010
ZKLN0624-2RS	0.03	6	24	15	14	0.3	0.6	19	9	7600	8500	500	16400	6800	0.04	200	8	0.0044	2	ZM06	-	2	2404
ZKLN0624-2Z	0.03	6	24	15	14	0.3	0.6	19	9	7600	8500	500	19900	12000	0.02	200	8	0.0044	2	ZM06	-	2	2404
ZKLN0832-2RS	0.09	8	32	20	19	0.3	0.6	26	11	13800	16300	960	12100	5100	0.08	250	20	0.02	2	ZM08	-	4	3468
ZKLN0832-2Z	0.09	8	32	20	19	0.3	0.6	26	11	13800	16300	960	15500	9500	0.04	250	20	0.02	2	ZM08	-	4	3468
ZKLN1034-2RS	0.1	10	34	20	21	0.3	0.6	28	14	14700	18800	1110	10900	4600	0.12	325	25	0.029	2	ZM10	-	6	4891
ZKLN1034-2Z	0.1	10	34	20	21	0.3	0.6	28	14	14700	18800	1110	14400	8600	0.06	325	25	0.029	2	ZM10	-	6	4891
ZKLN1242-2RS	0.2	12	42	25	25	0.3	0.6	33	16	18600	24700	1460	9200	3800	0.16	375	50	0.068	2	ZM12	-	8	5307
ZKLN1242-2Z	0.2	12	42	25	25	0.3	0.6	33	16	18600	24700	1460	12000	7600	0.08	375	50	0.068	2	ZM12	-	8	5307
ZKLN1545-2RS	0.21	15	45	25	28	0.3	0.6	35	20	19600	28000	1650	8200	3500	0.2	400	65	0.102	2	ZM15	AM15	10	5484
ZKLN1545-2Z	0.21	15	45	25	28	0.3	0.6	35	20	19600	28000	1650	10800	7000	0.1	400	65	0.102	2	ZM15	AM15	10	5484
ZKLN1747-2RS	0.22	17	47	25	30	0.3	0.6	37	23	20700	31000	1840	7600	3300	0.24	450	80	0.132	2	ZM17	AM17	15	7514
ZKLN1747-2Z	0.22	17	47	25	30	0.3	0.6	37	23	20700	31000	1840	10100	6600	0.12	450	80	0.132	2	ZM17	AM17	15	7514
ZKLN2052-2RS	0.31	20	52	28	34.5	0.3	0.6	43	25	28500	47000	2750	6600	3000	0.3	650	140	0.273	2	ZM20	AM20	18	8258
ZKLN2052-2Z	0.31	20	52	28	34.5	0.3	0.6	43	25	28500	47000	2750	8700	5400	0.15	650	140	0.273	2	ZM20	AM20	18	8258
ZKLN2557-2RS	0.34	25	57	28	40.5	0.3	0.6	48	32	30500	55000	3250	5700	2600	0.4	750	200	0.486	2	ZM25	AM25	25	9123
ZKLN2557-2Z	0.34	25	57	28	40.5	0.3	0.6	48	32	30500	55000	3250	7500	4700	0.2	750	200	0.486	2	ZM25	AM25	25	9123
ZKLN3062-2RS	0.39	30	62	28	45.5	0.3	0.6	53	40	32000	64000	3750	5000	2200	0.5	850	300	0.73	2.5	ZM30	AM30	32	9947
ZKLN3062-2Z	0.39	30	62	28	45.5	0.3	0.6	53	40	32000	64000	3750	6700	4300	0.25	850	300	0.73	2.5	ZM30	AM30	32	9947
ZKLN3072-2RS	0.72	30	72	38	51	0.3	0.6	64	47	65000	108000	6400	4500	2100	0.8	950	400	1.91	2.5	ZMA30/52	AM30	65	19509
ZKLN3072-2Z	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
ZKLN3572-2RS	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
ZKLN3572-2Z	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
ZKLN4075-2RS	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
ZKLN4075-2Z	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
ZKLN4090-2RS	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
ZKLN4090-2Z	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
ZKLN5090-2RS	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
ZKLN5090-2Z	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
ZKLN50110-2RS	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