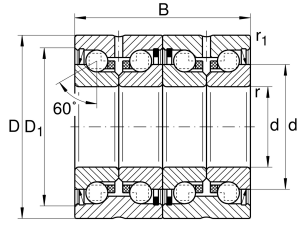


# ZKLN Series Bearings for screw drives



Designation	Mass(kg)	Dimensions(mm)						Mounting dimensions(mm)		Basic load ratings axial(N)		Fatigue limit load Cu N	Limiting speed nG grease min-1	Thermally safe operating speed nP min-1	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									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