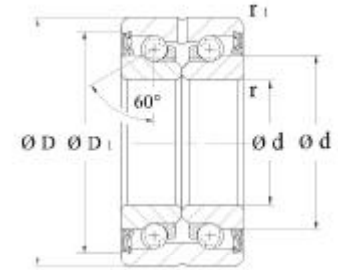


## High Precision Axial Angular Contact Ball Bearings For Guide Screw

Double direction  
Series ZKLN..2RSPE

HMEC



ZKLN..2RSPE

Shaft diameter	Dimensions							Basic Load rating	
	d	D	B	d <sub>1</sub>	D <sub>1</sub>	r	r <sub>1</sub>	dyn. C	stat. C <sub>0</sub>
	-0.005 <sup>5)</sup>	-0.010 <sup>6)</sup>	-0.25			min	min	kN	
6	6	24	15	14	19.5	0.3	0.6	6.9	8.5
10	10	34	20	21	28.5	0.3	0.6	13.4	18.8
12	12	42	25	25	33.5	0.3	0.6	17	24.7
15	15	45	25	28	36	0.3	0.6	17.9	28
17	17	47	25	30	38	0.3	0.6	18.8	31
20	20	52	28	34.5	44	0.3	0.6	26	47
25	25	57	28	40.5	49	0.3	0.6	27.5	55
30	30	62	28	45.5	54	0.3	0.6	29	64
50	50	90	34	72	82	0.3	0.6	46.5	126

Limiting speed n <sub>G</sub> grease	Bearing frictional torque M <sub>RL</sub>	Axial rigidity C <sub>aL</sub>	Tilting rigidity C <sub>kL</sub>	Code bearing HMEC	Mass ≈
min <sup>-1</sup>	Nm	N/um	Nm/mrad		kg
6800	0.04	200	8	<b>ZKLN 0624.2RS PE</b>	0.03
4600	0.12	325	25	<b>ZKLN 1034.2RS PE</b>	0.1
3800	0.16	375	50	<b>ZKLN 1242.2RS PE</b>	0.2
3500	0.2	400	65	<b>ZKLN 1545.2RS PE</b>	0.21
3300	0.24	450	80	<b>ZKLN 1747.2RS PE</b>	0.22
3000	0.3	650	140	<b>ZKLN 2052.2RS PE</b>	0.31
2600	0.4	750	200	<b>ZKLN 2557.2RS PE</b>	0.34
2200	0.5	850	300	<b>ZKLN 3062.2RS PE</b>	0.39
1500	0.9	1250	1000	<b>ZKLN 5090.2RS PE</b>	0.88