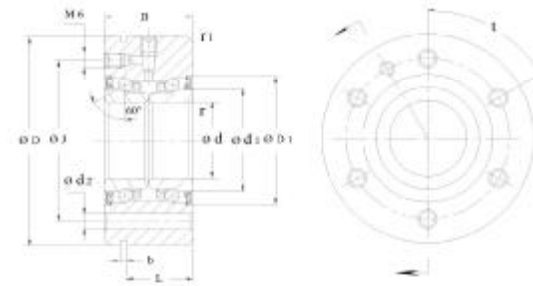


Axial Angular Contact Ball Bearings For Guide Screw

Double direction
 Suitable for flange mounting with increased tolerances
 Series ZKLF...2RS PE

HMEC



ZKLF...2RS PE

Shaft diameter	Dimensions											Pitch
	d	D	B	d ₁	D ₁	r	r ₁	J	d ₂	b	L	
	-0.005 ⁵⁾	-0.010 ⁶⁾	-0.25			min	min					Quantity X1
12	12	55	25	25	33.5	0.3	0.6	42	6.8	3	17	3X120 ⁰
15	15	60	25	28	36	0.3	0.6	46	6.8	3	17	3X120 ⁰
17	17	62	25	30	38	0.3	0.6	48	6.8	3	17	3X120 ⁰
20	20	68	28	34.5	44	0.3	0.6	53	6.8	3	19	4X90 ⁰
25	25	75	28	40.5	49	0.3	0.6	58	6.8	3	19	4X90 ⁰
30	30	80	28	45.5	54	0.3	0.6	63	6.8	3	19	6X60 ⁰
35	35	90	34	52	63	0.3	0.6	75	8.8	3	25	4X90 ⁰
40	40	100	34	58	68	0.3	0.6	80	8.8	3	25	4X90 ⁰
50	50	115	34	72	82	0.3	0.6	94	8.8	3	25	6X60 ⁰

Basic Load rating		Limiting speed n _G grease	Bearing frictional torque M _{RL}	Axial rigidity C _{aL}	Tilting rigidity C _{kL}	Code bearing	Mass
dyn. C	stat. C ₀						
kN		min ⁻¹	Nm	N/um	Nm/mrad	HMEC	kg
							≈
17	24.7	3800	0.16	375	50	ZKLF 1255.2RS PE	0.37
17.9	28	3500	0.2	400	65	ZKLF 1560.2RS PE	0.43
18.8	31	3300	0.24	450	80	ZKLF 1762.2RS PE	0.45
26	47	3000	0.3	650	140	ZKLF 2068.2RS PE	0.61
27.5	55	2600	0.4	750	200	ZKLF 2575.2RS PE	0.72
29	64	2200	0.5	850	300	ZKLF 3080.2RS PE	0.78
41	89	2000	0.6	900	400	ZKLF 3590.2RS PE	1.13
43	101	1800	0.7	1000	550	ZKLF 40100.2RS PE	1.46
46.5	126	1500	0.9	1250	1000	ZKLF 50115.2RS PE	1.86