

ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLN Axial angular contact ball bearings-ZKLN5090-2RS-2AP



Designation	ZKLN5090-2RS-2AP
Mass m = kg	1.76
Dimensions	
d	50
D -0,010	90
B -0,25	68
d1	72
r min.	0.3
r1 min.	0.6
Mounting dimensions	
Da max.	82
da min.	63
Basic load ratings axial	
dyn. Ca N	83000
stat. C0a N	250000
Fatigue limit load Cu N	14900
Lim- iting speed nG	3200
grease min-1	
Thermally safe	1500
operating speed nP	
min-1	
Bearing frictional torque	1.35
MR Nm	
Rigidity axial caL N/μm	2200
Tilting rigidity ckL	2250
Nm/mrad	
Mass moment of	10.48
inertia1) Mm kg · cm ²	
Axial runout1) μm	2.5
Recommended INA precision locknut2)	
For radial locking	ZMA50/75
Tightening torque4) MA AM50	
Nm	
Tightening torque4) MA 85	
Nm	
Required locknut	16280
force3) axial N	