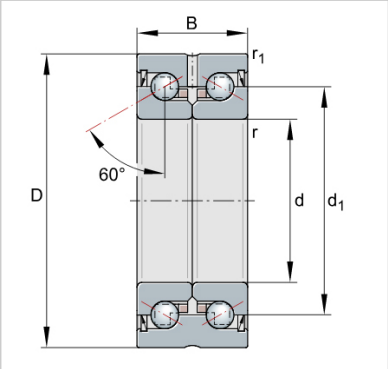
ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

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





Designation	**ZKLN5090-2RS-PE**
Mass m = kg	0.88
Dimensions	
d	**50**
D –0,010	**90**
B –0,25	34
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	46500
stat. C0a N	126000
Fatigue limit load Cu N	5600
Lim- iting speed nG grease min–1	3200
Thermally safe operating speed nP min–1	1500
Bearing frictional torque MR Nm	0.9
Rigidity axial caL N/µm	1250
Tilting rigidity ckL Nm/mrad	1000
Mass moment of inertia1) Mm kg · cm2	5.24
Axial runout1) µm	**5**
Recommended INA precision locknut2)	
For radial locking	ZM50
Tightening torque4) MA Nm	AM50
Tightening torque4) MA Nm	85
Required locknut force3) axial N	16280