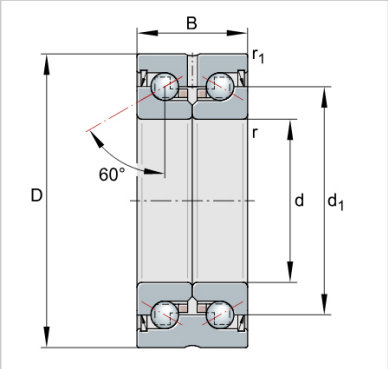
ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

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 grease min–1	3200
Thermally safe operating speed nP min–1	1500
Bearing frictional torque MR Nm	1.35
Rigidity axial caL N/µm	2200
Tilting rigidity ckL Nm/mrad	2250
Mass moment of inertia1) Mm kg · cm2	10.48
Axial runout1) µm	2.5
Recommended INA precision locknut2)	
For radial locking	ZMA50/75
Tightening torque4) MA Nm	AM50
Tightening torque4) MA Nm	85
Required locknut force3) axial N	16280