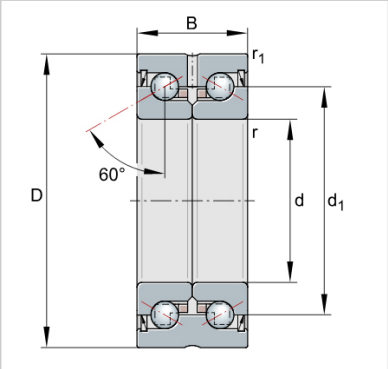
ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLN Axial angular contact ball bearings-ZKLN1242-2Z





Designation	**ZKLN1242-2Z**
Mass m = kg	0.2
Dimensions	
d	**12**
D –0,010	**42**
B –0,25	25
d1	25
r min.	0.3
r1 min.	0.6
Mounting dimensions	
Da max.	33
da min.	16
Basic load ratings axial	
dyn. Ca N	18600
stat. C0a N	24700
Fatigue limit load Cu N	1460
Lim- iting speed nG grease min–1	12000
Thermally safe operating speed nP min–1	7600
Bearing frictional torque MR Nm	0.08
Rigidity axial caL N/µm	375
Tilting rigidity ckL Nm/mrad	50
Mass moment of inertia1) Mm kg · cm2	0.068
Axial runout1) µm	**2**
Recommended INA precision locknut2)	
For radial locking	ZM12
Tightening torque4) MA Nm	–
Tightening torque4) MA Nm	8
Required locknut force3) axial N	5307