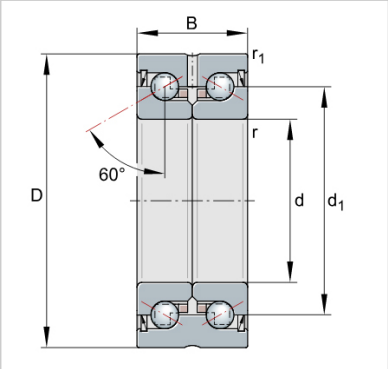
ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

ZKLN Axial angular contact ball bearings-ZKLN50110-2RS





Designation	**ZKLN50110-2RS**
Mass m = kg	2.5
Dimensions	
d	**50**
D –0,010	**110**
B –0,25	54
d1	80
r min.	0.6
r1 min.	0.6
Mounting dimensions	
Da max.	98
da min.	63
Basic load ratings axial	
dyn. Ca N	125000
stat. C0a N	250000
Fatigue limit load Cu N	14800
Lim- iting speed nG grease min–1	2900
Thermally safe operating speed nP min–1	1200
Bearing frictional torque MR Nm	2.6
Rigidity axial caL N/µm	1400
Tilting rigidity ckL Nm/mrad	1500
Mass moment of inertia1) Mm kg · cm2	15.2
Axial runout1) µm	2.5
Recommended INA precision locknut2)	
For radial locking	ZMA50/75
Tightening torque4) MA Nm	AM50
Tightening torque4) MA Nm	150
Required locknut force3) axial N	28451