

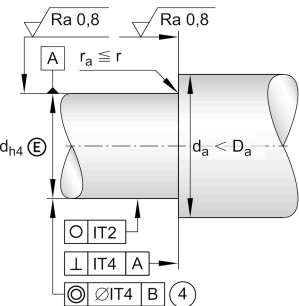
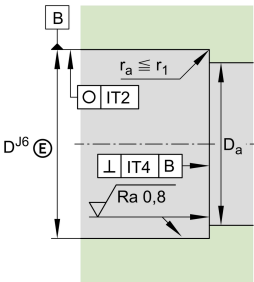
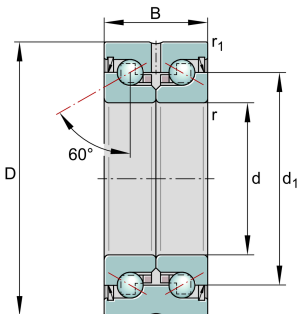
ZKLN0832-2Z-XL

Axial angular contact ball bearing

Axial angular contact ball bearings
ZKLN...2Z, double direction, gap seals on both sides

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	2Z	Minimal gap seal on both sides
Tolerance class	Standard	

Main Dimensions & Performance Data

d	8 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,005 mm	Bore diameter lower tolerance
D	32 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,01 mm	Outside diameter lower tolerance
B	20 mm	Width
	0 mm	Width upper tolerance
	-0,25 mm	Width lower tolerance
C _a	13.800 N	Basic dynamic load rating, axial
C _{0a}	16.300 N	Basic static load rating, axial
C _{ua}	990 N	Fatigue load limit, axial
n _G Grease	15.500 1/min	Limiting speed for grease lubrication
n _g	9.500 1/min	Thermally safe operating speed
M _R	0,04 Nm	Bearing frictional torque
≈m	89,5 g	Masa



Mounting dimensions

D_{a max} 26 mm Maximum diameter of housing

d_{a min} 11 mm Minimum diameter shaft

Dimensions

d₁ 19 mm Rib diameter inner ring

r_{min} 0,3 mm Minimum chamfer dimension

r_{1 min} 0,6 mm Minimum chamfer dimension

α 60 ° Contact angle

Temperature range

T_{min} -30 °C Operating temperature min.

T_{max} 120 °C Operating temperature max.

Additional information

c_{aL} 250 N/μm Rigidity axial

c_{kL} 20 Nm/mrad Tilting rigidity

M_m 0,02 kg*cm2 Mass moment of inertia

2 μm Axial runout

ZM08 Recommended INA precision locknut for radial locking

M_A 4 Nm Tightening torque for the recommended INA precision locknut

3.468 N Required locknut force axial



Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie dożywotnie, bezobsługowe
-  Smarowanie smarem
-  Uszczelnienie dwustronne