

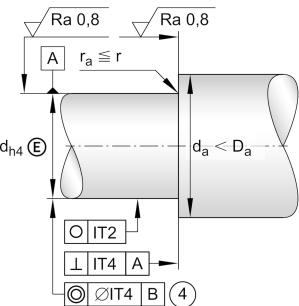
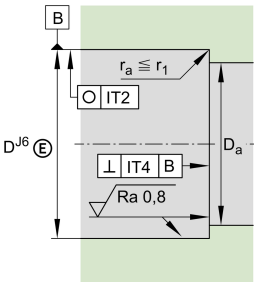
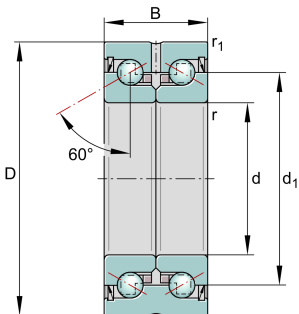
ZKLN80130-2Z-XL

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

Type of Seal	2Z	Minimal gap seal on both sides
Tolerance class	Standard	

Main Dimensions & Performance Data

d	80 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,008 mm	Bore diameter lower tolerance
D	130 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,015 mm	Outside diameter lower tolerance
B	45 mm	Width
	0 mm	Width upper tolerance
	-0,25 mm	Width lower tolerance
C _a	100.000 N	Basic dynamic load rating, axial
C _{0a}	265.000 N	Basic static load rating, axial
C _{ua}	15.800 N	Fatigue load limit, axial
n _G Grease	3.600 1/min	Limiting speed for grease lubrication
n _g	2.700 1/min	Thermally safe operating speed
M _R	1,4 Nm	Bearing frictional torque
≈m	2,265 kg	Masa



Mounting dimensions

D _a max	120 mm	Maximum diameter of housing
d _a min	102 mm	Minimum diameter shaft

Dimensions

d ₁	105 mm	Rib diameter inner ring
r _{min}	0,6 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}	1.600 N/μm	Rigidity axial
c _{kL}	3.000 Nm/mrad	Tilting rigidity
M _m	27,6 kg*cm2	Mass moment of inertia
	3 μm	Axial runout
	ZMA80/120	Recommended INA precision locknut for radial locking
	AM80	Recommended INA precision locknut for axial locking
M _A	160 Nm	Tightening torque for the recommended INA precision locknut
	20.604 N	Required locknut force axial



Właściwości

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