

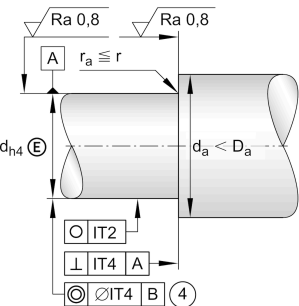
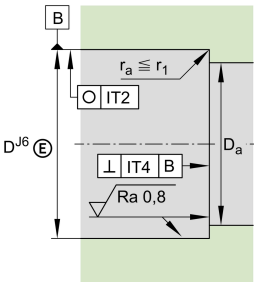
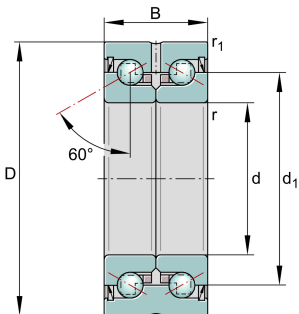
ZKLN2052-2RS-XL

Axial angular contact ball bearing

Axial angular contact ball bearing
ZKLN...-2RS-XL, double direction, no screw
mounting

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	2RS	Contact lip seals on both sides
Tolerance class	Standard	

Main Dimensions & Performance Data

d	20 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,005 mm	Bore diameter lower tolerance
D	52 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,01 mm	Outside diameter lower tolerance
B	28 mm	Width
	0 mm	Width upper tolerance
	-0,25 mm	Width lower tolerance
C _a	28.500 N	Basic dynamic load rating, axial
C _{0a}	47.000 N	Basic static load rating, axial
C _{ua}	2.850 N	Fatigue load limit, axial
n _G Grease	6.600 1/min	Limiting speed for grease lubrication
n _g	3.000 1/min	Thermally safe operating speed
M _R	0,3 Nm	Bearing frictional torque
≈m	0,31 kg	Masa



Mounting dimensions

D a max	43 mm	Maximum diameter of housing
d a min	25 mm	Minimum diameter shaft

Dimensions

d 1	34,5 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	650 N/μm	Rigidity axial
c kL	140 Nm/mrad	Tilting rigidity
M m	0,273 kg*cm2	Mass moment of inertia
	2 μm	Axial runout
	ZM20	Recommended INA precision locknut for radial locking
	AM20	Recommended INA precision locknut for axial locking
M A	18 Nm	Tightening torque for the recommended INA precision locknut
	8.258 N	Required locknut force axial



Właściwości

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