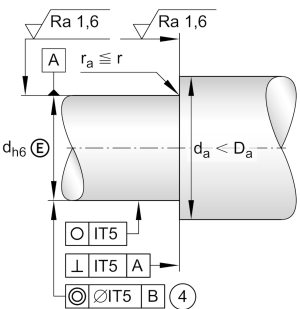
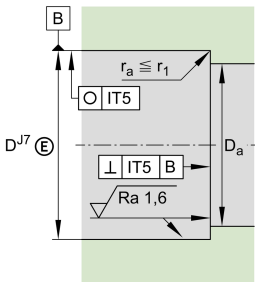
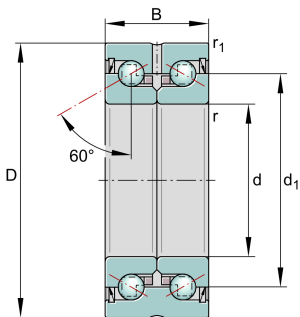


ZKLN1242-2RS-PE

Axial angular contact ball bearing

Axial angular contact ball bearings
ZKLN...-2RS-PE, Increased tolerances,
double direction, lip seals on both sides

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	2RS	Contact lip seals on both sides
Tolerance class	PE	Less stringent bearing design

Main Dimensions & Performance Data

d	12 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,01 mm	Bore diameter lower tolerance
D	42 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,011 mm	Outside diameter lower tolerance
B	25 mm	Width
	0 mm	Width upper tolerance
	-0,25 mm	Width lower tolerance
C _a	17.100 N	Basic dynamic load rating, axial
C _{0a}	25.000 N	Basic static load rating, axial
C _{ua}	1.140 N	Fatigue load limit, axial
n _G Grease	9.200 1/min	Limiting speed for grease lubrication
n _g	3.800 1/min	Thermally safe operating speed
M _R	0,16 Nm	Bearing frictional torque
≈m	0,197 kg	Masa



Mounting dimensions

D a max	33 mm	Maximum diameter of housing
d a min	16 mm	Minimum diameter shaft

Dimensions

d 1	25 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	375 N/μm	Rigidity axial
c kL	50 Nm/mrad	Tilting rigidity
M m	0,068 kg*cm2	Mass moment of inertia
	5 μm	Axial runout
	ZM12	Recommended INA precision locknut for radial locking
M A	8 Nm	Tightening torque for the recommended INA precision locknut
	5.307 N	Required locknut force axial



Właściwości

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