



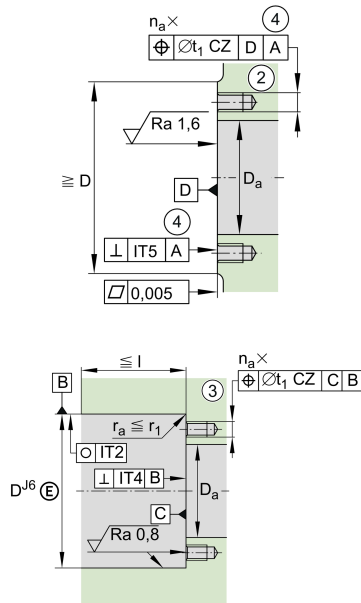
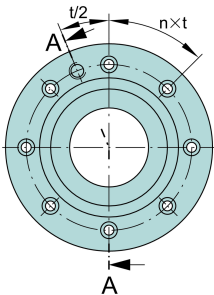
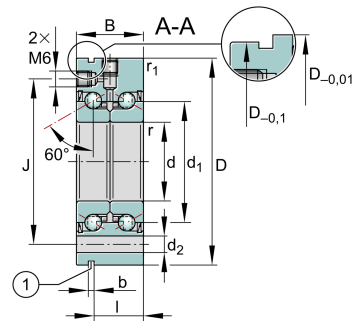
ZKLF1255-2Z-XL

Axial angular contact ball bearing

Axial angular contact ball bearings ZKLF..-2Z, double direction, for screw mounting, 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	12 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,005 mm	Bore diameter lower tolerance
D	55 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,01 mm	Outside diameter lower tolerance
B	25 mm	Width
	0 mm	Width upper tolerance
	-0,25 mm	Width lower tolerance
C _a	18.800 N	Basic dynamic load rating, axial
C _{0a}	25.000 N	Basic static load rating, axial
C _{ua}	1.520 N	Fatigue load limit, axial
n _G Grease	12.000 1/min	Limiting speed for grease lubrication
n _g	7.600 1/min	Thermally safe operating speed
M _R	0,08 Nm	Bearing frictional torque
≈m	0,359 kg	Masa



Mounting dimensions

D _a max	33 mm	Maximum diameter of housing
d _a min	16 mm	Minimum diameter shaft
t ₁	0,1 mm	Position tolerance of bore in the housing
	M6	Size of fixing screws
n _a	3	Number of holes in adjacent construction
t _a	120 °	Pitch separation angle of holes in adjacent construction

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
J	42 mm	Pitch circle diameter fixing holes
d ₂	6,8 mm	Fixing holes diameter
b	3 mm	Width of extraction slot
l	17 mm	Distance of extraction slot
n	3	Pitch quantity of fixing holes
t	120 °	Pitch separation angle of fixing holes
a	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/ μ m	Rigidity axial
c_{kL}	50 Nm/mrad	Tilting rigidity
M_m	0,068 kg*cm2	Mass moment of inertia
	2 μ m	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

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

Uszczelnienie dwustronne