

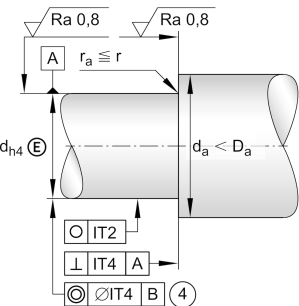
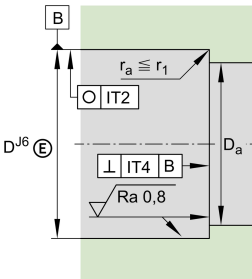
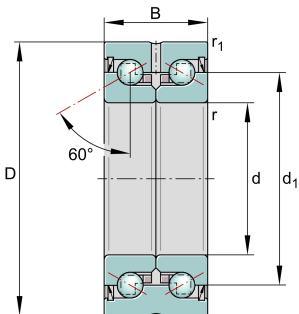
ZKLN1034-2Z-XL

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	10 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,005 mm	Bore diameter lower tolerance
D	34 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	14.700 N	Basic dynamic load rating, axial
C _{0a}	18.800 N	Basic static load rating, axial
C _{ua}	1.140 N	Fatigue load limit, axial
n _G Grease	14.400 1/min	Limiting speed for grease lubrication
n _g	8.600 1/min	Thermally safe operating speed
M _R	0,06 Nm	Bearing frictional torque
≈m	0,098 kg	Masa



Mounting dimensions

D _a max	28 mm	Maximum diameter of housing
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d _a min	14 mm	Minimum diameter shaft
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Dimensions

d ₁	21 mm	Rib diameter inner ring
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r _{min}	0,3 mm	Minimum chamfer dimension
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r ₁ min	0,6 mm	Minimum chamfer dimension
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α	60 °	Contact angle
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Temperature range

T _{min}	-30 °C	Operating temperature min.
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T _{max}	120 °C	Operating temperature max.
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Additional information

c _{aL}	325 N/μm	Rigidity axial
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c _{kL}	25 Nm/mrad	Tilting rigidity
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M _m	0,029 kg*cm2	Mass moment of inertia
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	2 μm	Axial runout
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	ZM10	Recommended INA precision locknut for radial locking
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M _A	6 Nm	Tightening torque for the recommended INA precision locknut
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	4.891 N	Required locknut force axial
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Właściwości

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