

FAG

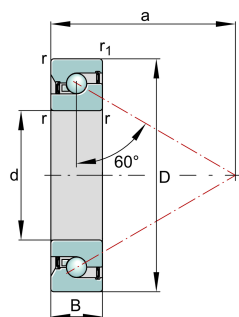
BSB2047-2Z-SU-XL [🔗](#)

Axial angular contact ball bearing

Axial angular contact ball bearing BSB...-2Z-SU-XL, single direction, no screw mounting

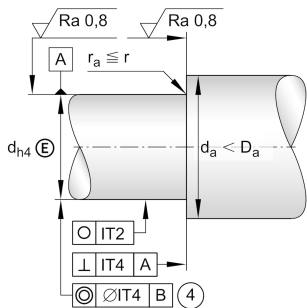
X-life

Informacje techniczne



Twoja aktualna wersja produktu

Cage	Standard	Polyamide cage
Sealing	2Z	Minimal gap seal on both sides
Arrangement bearing set	SU	Single bearing
Lubricant	L055	Greased with Arcanol MULTITOP (L055)



Main Dimensions & Performance Data

d	20 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,005 mm	Bore diameter lower tolerance
D	47 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,006 mm	Outside diameter lower tolerance
B	15 mm	Width
	0 mm	Width upper tolerance
	-0,12 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	8.700 1/min	Limiting speed for grease lubrication
n _g	6.200 1/min	Thermally safe operating speed
≈m	0,125 kg	Masa

Mounting dimensions

D _a	43 mm	Diameter of housing
D _a	H12	Diameter of housing clearance
d _a	27 mm	Diameter shaft
d _a	h12	Diameter shaft clearance

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
r _{1 min}	0,6 mm	Minimum chamfer dimension
a	29,9 mm	Distance between the apexes of the pressure cones
α	60 °	Contact angle



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Additional information

M_R	0,08 Nm	Bearing frictional torque
c_{aL}	764 N/μm	Rigidity axial
	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
	9.000 N	Required locknut force axial

Właściwości

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