

FAG

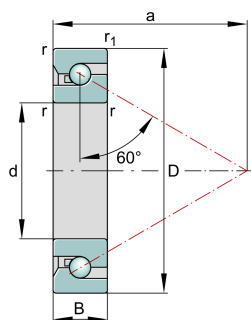
BSB55120-SU-XL [🔗](#)

Axial angular contact ball bearing

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

X-life

Informacje techniczne



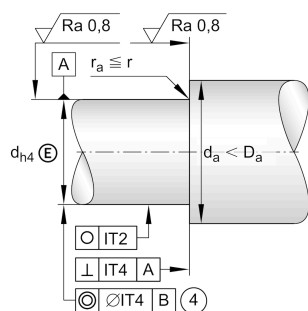
Twoja aktualna wersja produktu

Cage	Standard	Polyamide cage
Type of Seal	Without	
Arrangement bearing set	SU	Single bearing
Lubricant	Without	Not greased



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d	55 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,007 mm	Bore diameter lower tolerance
D	120 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,008 mm	Outside diameter lower tolerance
B	20 mm	Width
	0 mm	Width upper tolerance
	-0,15 mm	Width lower tolerance
C _a	71.000 N	Basic dynamic load rating, axial
C _{0a}	196.000 N	Basic static load rating, axial
C _{ua}	11.900 N	Fatigue load limit, axial
n _G Grease	3.800 1/min	Limiting speed for grease lubrication
n _g	2.300 1/min	Thermally safe operating speed

D _a	100,5 mm	Diameter of housing
D _a	H12	Diameter of housing clearance
d _a	79,5 mm	Diameter shaft
d _a	h12	Diameter shaft clearance

r _{min}	1,5 mm	Minimum chamfer dimension
r _{1 min}	1,5 mm	Minimum chamfer dimension
a	88 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	0,38 Nm	Bearing frictional torque
c_{aL}	1.623 N/μm	Rigidity axial
	2,5 μm	Axial runout
	ZM60	Recommended INA precision locknut for radial locking
	AM60	Recommended INA precision locknut for axial locking
M_A	120 Nm	Tightening torque for the recommended INA precision locknut
	20.020 N	Required locknut force axial

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia