

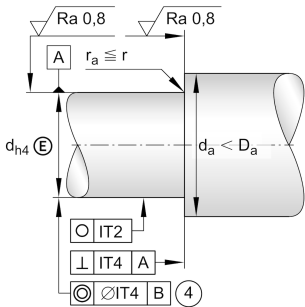
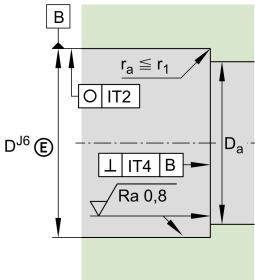
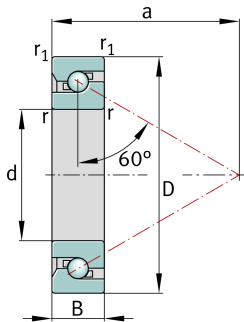
FAG

7603050-TVP

Axial angular contact ball bearing

Axial angular contact ball bearings 7603, single direction, with contact angle $\alpha = 60^\circ$, restricted tolerances

Informacje techniczne



Twoja aktualna wersja produktu

Cage	TVP	Plastic cage
Sealing	Without	
Arrangement bearing set	Standard	Single bearing
Lubricant	Without	Not greased

Main Dimensions & Performance Data

d	50 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,006 mm	Bore diameter lower tolerance
D	110 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,008 mm	Outside diameter lower tolerance
B	27 mm	Width
	0 mm	Width upper tolerance
	-0,12 mm	Width lower tolerance
C _a	72.000 N	Basic dynamic load rating, axial
C _{0a}	203.000 N	Basic static load rating, axial
C _{ua}	9.200 N	Fatigue load limit, axial
n _G Grease	3.600 1/min	Limiting speed for grease lubrication
n _g	2.000 1/min	Thermally safe operating speed
m	1,13 kg	Masa



Mounting dimensions

D _a	94 mm	Diameter of housing
D _a	H12	Diameter of housing clearance
d _a	72 mm	Diameter shaft
d _a	h12	Diameter shaft clearance

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
r _{1 min}	2 mm	Minimum chamfer dimension
a	85,5 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	0,36 Nm	Bearing frictional torque
c _{aL}	1.601 N/μm	Rigidity axial
	2 μm	Axial runout
	ZM50	Recommended INA precision locknut for radial locking
	AM50	Recommended INA precision locknut for axial locking
M _A	150 Nm	Tightening torque for the recommended INA precision locknut
	28.930 N	Required locknut force axial



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Bez uszczelnienia