

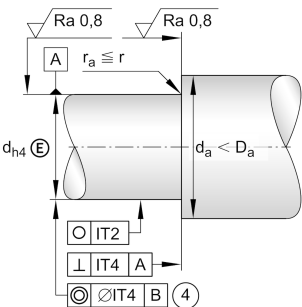
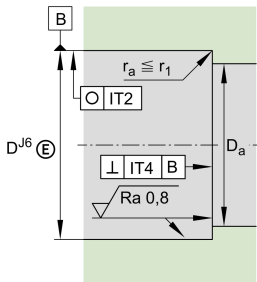
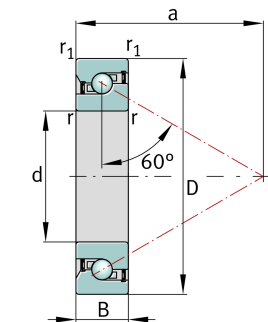
FAG

7603025-2RS-TVP

Axial angular contact ball bearing

Axial angular contact ball bearings
7603...2RS, single direction, with contact
angle $\alpha = 60^\circ$, restricted tolerances, lip seals
on both sides

Informacje techniczne



Twoja aktualna wersja produktu

Cage	TVP	Plastic cage
Sealing	2RS	Contact lip seals on both sides
Arrangement bearing set	Standard	Single bearing
Lubricant	Without	Not greased

Main Dimensions & Performance Data

d	25 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,005 mm	Bore diameter lower tolerance
D	62 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,007 mm	Outside diameter lower tolerance
B	17 mm	Width
	0 mm	Width upper tolerance
	-0,12 mm	Width lower tolerance
C _a	29.500 N	Basic dynamic load rating, axial
C _{0a}	68.000 N	Basic static load rating, axial
C _{ua}	3.100 N	Fatigue load limit, axial
n _G Grease	5.100 1/min	Limiting speed for grease lubrication
n _g	3.800 1/min	Thermally safe operating speed
≈m	0,275 kg	Masa



Mounting dimensions

D _a	52 mm	Diameter of housing
D _a	H12	Diameter of housing clearance
d _a	38 mm	Diameter shaft
d _a	h12	Diameter shaft clearance

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension
a	47,5 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	0,09 Nm	Bearing frictional torque
c _{aL}	917 N/μm	Rigidity axial
	2 μm	Axial runout
	ZM25	Recommended INA precision locknut for radial locking
	AM25	Recommended INA precision locknut for axial locking
M _A	40 Nm	Tightening torque for the recommended INA precision locknut
	14.480 N	Required locknut force axial



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie dożywotnie, bezobsługowe



Smarowanie smarem



Uszczelnienie dwustronne