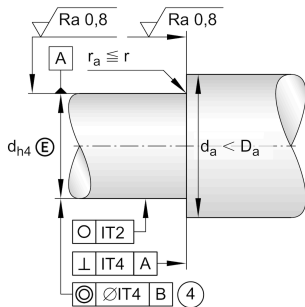
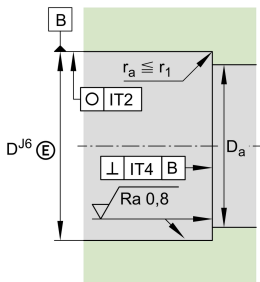
**FAG****7602020-TVP** [↗](#)

Axial angular contact ball bearing

Axial angular contact ball bearing 7602...-TVP,
single direction, no screw mounting

Technical information



Your current product variant

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

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	14 mm	Width
	0 mm	Width upper tolerance
	-0,12 mm	Width lower tolerance
C_a	20.300 N	Basic dynamic load rating, axial
C_{0a}	41.500 N	Basic static load rating, axial
C_{ua}	1.900 N	Fatigue load limit, axial
n_G Grease	9.200 1/min	Limiting speed for grease lubrication
n_g	5.000 1/min	Thermally safe operating speed
$\approx m$	0,13 kg	Weight



Mounting dimensions

D_a	39,5 mm	Diameter of housing
D_a	H12	Diameter of housing clearance
d_a	27,5 mm	Diameter shaft
d_a	h12	Diameter shaft clearance

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
$r_{1 min}$	1 mm	Minimum chamfer dimension
a	36 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	0,05 Nm	Bearing frictional torque
c_{aL}	703 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
	8.490 N	Required locknut force axial



Characteristics



Radial load



Axial load in one direction



Grease Lubrication



Not sealed