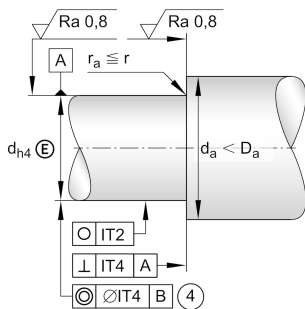
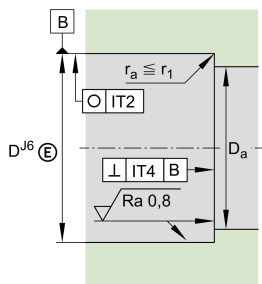
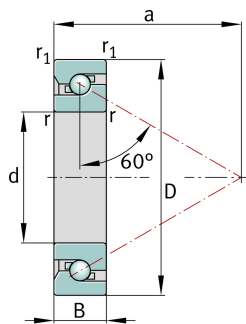
**FAG****7602020-TVP** [🔗](#)

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
Type of Seal	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
≈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