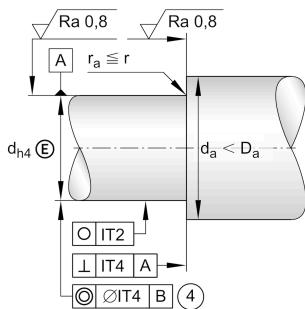
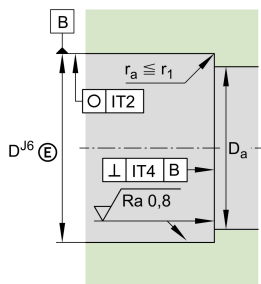
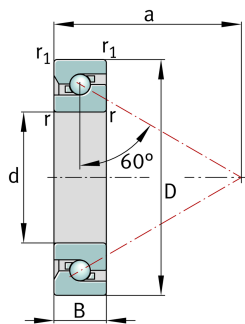


**FAG****7602035-TVP** [↗](#)

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 Sealing	Without	
Arrangement bearing set	Standard	Single bearing
Lubricant	Without	Not greased

Main Dimensions & Performance Data

d	35 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,006 mm	Bore diameter lower tolerance
D	72 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	31.500 N	Basic dynamic load rating, axial
C_{0a}	81.000 N	Basic static load rating, axial
C_{ua}	3.700 N	Fatigue load limit, axial
n_G Grease	5.700 1/min	Limiting speed for grease lubrication
n_g	3.200 1/min	Thermally safe operating speed
$\approx m$	0,342 kg	Weight



Mounting dimensions

D_a	60,5 mm	Diameter of housing
D_a	H12	Diameter of housing clearance
d_a	46,5 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	55 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

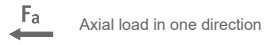
M_R	0,12 Nm	Bearing frictional torque
c_{aL}	1.020 N/μm	Rigidity axial
	2 μm	Axial runout
	ZM35	Recommended INA precision locknut for radial locking
	AM35	Recommended INA precision locknut for axial locking
M_A	40 Nm	Tightening torque for the recommended INA precision locknut
	11.310 N	Required locknut force axial



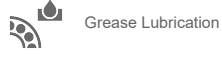
Characteristics



Radial load



Axial load in one direction



Grease Lubrication



Not sealed