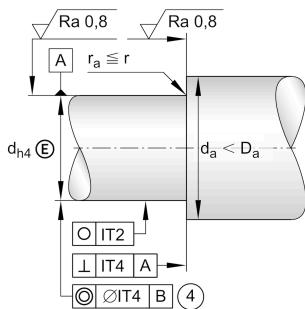
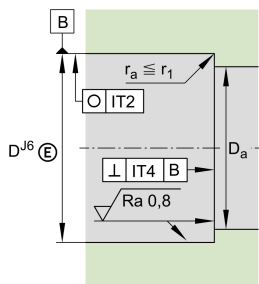
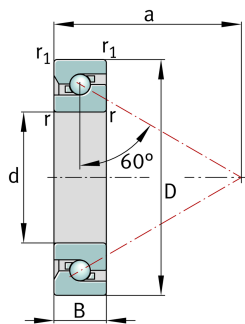


**FAG****7602012-TVP** [↗](#)

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	12 mm	Bore diameter
	0 mm	Bore diameter upper tolerance
	-0,004 mm	Bore diameter lower tolerance
D	32 mm	Outside diameter
	0 mm	Outside diameter upper tolerance
	-0,006 mm	Outside diameter lower tolerance
B	10 mm	Width
	0 mm	Width upper tolerance
	-0,08 mm	Width lower tolerance
C_a	12.200 N	Basic dynamic load rating, axial
C_{0a}	20.700 N	Basic static load rating, axial
C_{ua}	940 N	Fatigue load limit, axial
n_G Grease	14.100 1/min	Limiting speed for grease lubrication
n_g	8.000 1/min	Thermally safe operating speed
$\approx m$	42 g	Weight



Mounting dimensions

D_a	27 mm	Diameter of housing
D_a	H12	Diameter of housing clearance
d_a	17 mm	Diameter shaft
d_a	h12	Diameter shaft clearance

Dimensions

r_{min}	0,6 mm	Minimum chamfer dimension
$r_{1 min}$	0,6 mm	Minimum chamfer dimension
a	24 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	0,015 Nm	Bearing frictional torque
c_{aL}	476 N/ μ m	Rigidity axial
	2 μ m	Axial runout
	ZM12	Recommended INA precision locknut for radial locking
M_A	8 Nm	Tightening torque for the recommended INA precision locknut
	6.110 N	Required locknut force axial

Characteristics

	Radial load
	Axial load in one direction
	Grease Lubrication
	Not sealed