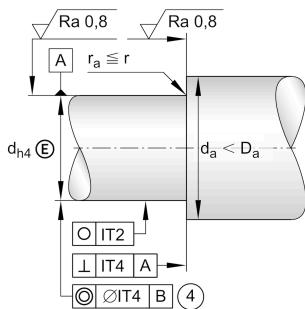
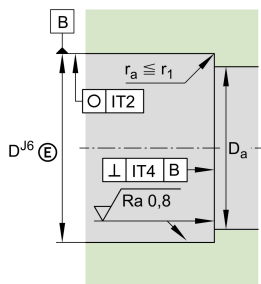
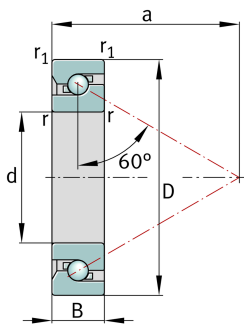


**FAG****7602012-TVP** [↗](#)

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 &amp; 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 <sub>a</sub>	12.200 N	Basic dynamic load rating, axial
C <sub>0a</sub>	20.700 N	Basic static load rating, axial
C <sub>ua</sub>	940 N	Fatigue load limit, axial
n <sub>G</sub> Grease	14.100 1/min	Limiting speed for grease lubrication
n <sub>g</sub>	8.000 1/min	Thermally safe operating speed
≈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
$\alpha$	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/ $\mu$ m	Rigidity axial
	2 $\mu$ 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