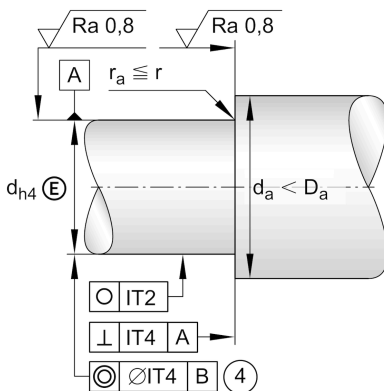
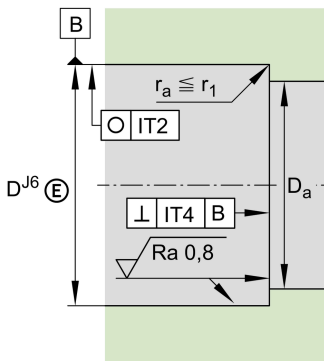
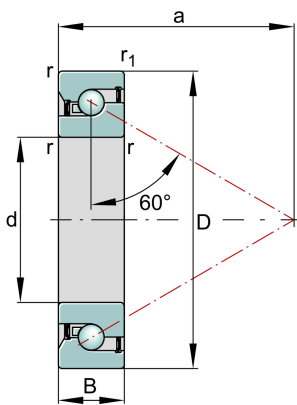




## Technical information



## Main Dimensions &amp; Performance Data

d	40 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	15 mm	Width
	0 mm	Width upper tolerance
	-0,12 mm	Width lower tolerance
C <sub>a</sub>	40.500 N	Basic dynamic load rating, axial
C <sub>0a</sub>	89.000 N	Basic static load rating, axial
C <sub>ua</sub>	5.400 N	Fatigue load limit, axial
n <sub>G Grease</sub>	5.400 1/min	Limiting speed for grease lubrication
n <sub>g</sub>	4.700 1/min	Thermally safe operating speed
≈m	0,256 kg	Weight

## Mounting dimensions

D <sub>a</sub>	65 mm	Diameter of housing
D <sub>a</sub>	H12	Diameter of housing clearance
d <sub>a</sub>	47 mm	Diameter shaft
d <sub>a</sub>	h12	Diameter shaft clearance

## Dimensions

r <sub>min</sub>	1 mm	Minimum chamfer dimension
r <sub>1 min</sub>	0,6 mm	Minimum chamfer dimension
a	48,5 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

$M_R$	0,18 Nm	Bearing frictional torque
$c_{aL}$	1.235 N/μm	Rigidity axial
	2,5 μm	Axial runout
	ZM40	Recommended INA precision locknut for radial locking
	AM40	Recommended INA precision locknut for axial locking
$M_A$	60 Nm	Tightening torque for the recommended INA precision locknut
	15.650 N	Required locknut force axial