

Axial angular contact ball bearings

7602050-TVP (Series 7602)

single direction, with contact angle $\alpha = 60^\circ$, restricted tolerances

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue selection system (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

d	50 mm Tolerance: 0/-0,006
D	90 mm Tolerance: 0/-0,008
B	20 mm Tolerance: 0/-0,12
60 ° Contact angle	
a	71,5 mm
Da	79 mm Tolerance: H12
da	63 mm Tolerance: h12
r1	1,1 mm
min	
rmin	1,1 mm
m	0,557 kg Mass
Ca	41000 N Basic dynamic load rating, axial
C0a	122000 N Basic static load rating, axial
Cua	5400 N Fatigue limit load, axial
ng	4300 1/min Limiting speed for grease lubrication
Fett	
nθ	2400 1/min
MRL	0,23 Nm Bearing frictional torque Valid for individual bearing with stated preload force, bearing lightly oiled.
CaL	1360 N/µm Axial rigidity Valid for matched pair of bearings in O or X arrangement 2 µm Axial runout The axial runout data for screw drive bearing arrangements are based on the rotating inner ring.
ZM50	Designation of recommended INA locknut

AM50 Designation of recommended INA locknut

MA 85 Nm Tightening torque

Only valid in conjunction with INA precision locknuts

16810 N Axial preload force



