

Axial angular contact ball bearings

7602015-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	15 mm	Tolerance: 0/-0,004
D	35 mm	Tolerance: 0/-0,006
B	11 mm	Tolerance: 0/-0,08
	60 °	Contact angle
a	27,5 mm	
Da	30 mm	Tolerance: H12
da	20,5 mm	Tolerance: h12
r1	0,6 mm	
rmin		
rmin	0,6 mm	
m	0,052 kg	Mass
Ca	13100 N	Basic dynamic load rating, axial
C0a	24700 N	Basic static load rating, axial
Cua	1090 N	Fatigue limit load, axial
nG	12300 1/min	Limiting speed for grease lubrication
Fett		
n9	6700 1/min	
MRL	0,02 Nm	Bearing frictional torque Valid for individual bearing with stated preload force, bearing lightly oiled.
CaL	516 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.
	ZM15	Designation of recommended INA locknut

MA	AM15	Designation of recommended INA locknut
	10 Nm	Tightening torque
	Only valid in conjunction with INA precision locknuts	
	5740 N	Axial preload force



