

Axial angular contact ball bearings

7602012-2RS-TVP (Series 7602..-2RS)

single direction, with contact angle $\alpha = 60^\circ$, restricted tolerances, lip seals on both sides

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	12 mm	Tolerance: 0/-0,004
D	32 mm	Tolerance: 0/-0,006
B	10 mm	Tolerance: 0/-0,08
	60 °	Contact angle
a	24 mm	
Da	27 mm	Tolerance: H12
da	17 mm	Tolerance: h12
r1	0,6 mm	
rmin		
rmin	0,6 mm	
m	0,042 kg	Mass
Ca	12200 N	Basic dynamic load rating, axial
Coa	20700 N	Basic static load rating, axial
Cua	920 N	Fatigue limit load, axial
nG	10400 1/min	Limiting speed for grease lubrication
Fett		
n§	8000 1/min	
MRL	0,018 Nm	Bearing frictional torque Valid for individual bearing with stated preload force, bearing lightly oiled.
CaL	476 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.
	ZM12 Designation of recommended INA locknut
	AM12 Designation of recommended INA locknut
MA	8 Nm Tightening torque
	Only valid in conjunction with INA precision locknuts
	6110 N Axial preload force



