

Axial angular contact ball bearings

7602020-2RS-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	20 mm	Tolerance: 0/-0,005
D	47 mm	Tolerance: 0/-0,006
B	14 mm	Tolerance: 0/-0,12
	60 °	Contact angle
a	36 mm	
Da	39,5 mm	Tolerance: H12
da	27,5 mm	Tolerance: h12
r1	1 mm	
rmin		
rmin	1 mm	
m	0,12 kg	Mass
Ca	19100 N	Basic dynamic load rating, axial
Coa	38000 N	Basic static load rating, axial
Cua	1670 N	Fatigue limit load, axial
nG	6800 1/min	Limiting speed for grease lubrication
Fett		
n§	5000 1/min	
MRL	0,06 Nm	Bearing frictional torque Valid for individual bearing with stated preload force, bearing lightly oiled.
CaL	703 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.
	ZM20 Designation of recommended INA locknut
	AM20 Designation of recommended INA locknut
MA	18 Nm Tightening torque
	Only valid in conjunction with INA precision locknuts
	8490 N Axial preload force



