



Angular contact ball bearings

7004-B-2RS-TVP (Series 70..-B-2RS)



contact angle $\alpha = 40^\circ$, 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
D	42 mm
B	12 mm
a	12 mm
D ₂	35,5 mm
d ₂	25,9 mm
D ₃	39,8 mm
D _a max	38,8 mm
d _a min	23,2 mm
D _b max	40 mm
r ₁ min	0,3 mm
r _{a1} max	0,3 mm
r _a max	0,6 mm
r _{min}	0,6 mm
α	40 ° Contact angle
m	0,061 kg Mass
C _r	14500 N Basic dynamic load rating, radial
C _{0r}	8000 N Basic static load rating, radial

n_G	9500 1/min	Limiting speed
n_B	- 1/min	Reference speed
C_{ur}	540 N	Fatigue limit load, radial

