



Angular contact ball bearings

7005-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	25 mm
D	47 mm
B	12 mm
a	21 mm
D ₂	40,5 mm
d ₂	30,9 mm
D ₃	44,8 mm
D _a	43,8 mm
d _a max	28,2 mm
d _a min	
D _b	45 mm
D _b max	
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	0,071 kg Mass
C _r	16000 N Basic dynamic load rating, radial
C _{0r}	9900 N Basic static load rating, radial

n_G	8000 1/min	Limiting speed
n_B	- 1/min	Reference speed
C_{ur}	670 N	Fatigue limit load, radial

