



# Angular contact ball bearings

## 7307-B-TVP (Series 73..-B)

main dimensions to DIN 628-1, contact angle  $\alpha = 40^\circ$



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	35 mm
D	80 mm
B	21 mm
a	35 mm
D <sub>1</sub>	63,1 mm
d <sub>1</sub>	52,9 mm
D <sub>a</sub> max	71 mm
d <sub>a</sub> min	44 mm
D <sub>b</sub> max	74,4 mm
r <sub>1</sub> min	1 mm
r <sub>a1</sub> max	1 mm
r <sub>a</sub> max	1,5 mm
r <sub>min</sub>	1,5 mm
$\alpha$	40 ° Contact angle
m	0,447 kg Mass
C <sub>r</sub>	43000 N Basic dynamic load rating, radial
C <sub>0r</sub>	27500 N Basic static load rating, radial
n <sub>G</sub>	10800 1/min Limiting speed
n <sub>B</sub>	7900 1/min Reference speed
C <sub>ur</sub>	1860 N Fatigue limit load, radial

