



# Angular contact ball bearings

## 3208-BD-TVH (Series 32..-BD)



main dimensions to DIN 628-3, double row, contact angle  $\alpha$   
= 30°

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	40 mm
D	80 mm
B	30,2 mm
a	47,841 mm
D <sub>1</sub>	69,6 mm
d <sub>1</sub>	54,9 mm
D <sub>a</sub> max	73 mm
d <sub>a</sub> min	47 mm
r <sub>a</sub> max	1 mm
r <sub>min</sub>	1,1 mm
$\alpha$	30 ° Contact angle
m	0,591 kg Mass
C <sub>r</sub>	51000 N Basic dynamic load rating, radial
C <sub>0r</sub>	38000 N Basic static load rating, radial
C <sub>ur</sub>	2550 N Fatigue limit load, radial
n <sub>G</sub>	8900 1/min Limiting speed
n <sub>B</sub>	9100 1/min Reference speed

