



# Spherical roller bearings

## 23164-BEA-XL-MB1 (Series 231..-E1A)

main dimensions to DIN 635-2

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	320 mm
D	540 mm
B	176 mm
D <sub>1</sub>	469,3 mm
D <sub>a</sub> max	520 mm
d <sub>a</sub> min	340 mm
d <sub>s</sub>	12,5 mm
r <sub>s</sub>	23,5 mm
r <sub>a</sub> max	4 mm
r <sub>min</sub>	5 mm
m	165 kg Mass
C <sub>r</sub>	3800000 N Basic dynamic load rating, radial
C <sub>0r</sub>	5900000 N Basic static load rating, radial
e	0,32
Y <sub>1</sub>	2,13
Y <sub>2</sub>	3,17
Y <sub>0</sub>	2,08
n <sub>G</sub>	1170 1/min Limiting speed
n <sub>B</sub>	650 1/min Reference speed
C <sub>ur</sub>	415000 N Fatigue limit load, radial

