



# Spherical roller bearings

## 23218-E1A-XL-K-M (Series 232..-E1A-K)

main dimensions to DIN 635-2, with tapered bore, taper 1:12

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	90 mm
D	160 mm
B	52,4 mm
D <sub>1</sub>	140 mm
D <sub>a</sub> max	149 mm
d <sub>a</sub> min	101 mm
d <sub>s</sub>	3,2 mm
r <sub>s</sub>	6,5 mm
r <sub>a</sub> max	2 mm
r <sub>min</sub>	2 mm
m	4,3 kg Mass
C <sub>r</sub>	445000 N Basic dynamic load rating, radial
e	0,31
Y <sub>1</sub>	2,2
Y <sub>2</sub>	3,27
C <sub>0r</sub>	520000 N Basic static load rating, radial
Y <sub>0</sub>	2,15
n <sub>G</sub>	4250 1/min Limiting speed
n <sub>B</sub>	2650 1/min Reference speed

Cur 48500 N Fatigue limit load, radial

