

# Spherical roller bearings 230SM135-MA

## (Series 230SM)

split spherical roller bearings

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 ([https://www.schaeffler.de/content.schaeffler.de/en/news\\_media/index.jsp](https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp)) or by telephone on +49 (91 32) 82 - 28 97.

d	135 mm	
D	225 mm	
C	56 mm	
B	100 mm	
r <sub>min</sub>	2,1 mm	
m	13 kg	Mass
C <sub>r</sub>	405000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	620000 N	Basic static load rating, radial
C <sub>ur</sub>	47000 N	Fatigue limit load, radial
n <sub>G</sub>	1200 1/min	Limiting speed

e	0,22	
Y <sub>1</sub>	3,07	
Y <sub>2</sub>	4,57	
Y <sub>0</sub>	3	
F <sub>a max</sub>	13800 N	Permissible axial load, for inner ring without axial abutment
M <sub>i</sub>	35 Nm	Tightening torque per clamping screw
M <sub>a</sub>	8,5 Nm	Tightening torque per clamping screw
	23030K	Designation, spherical roller bearing, unsplit
	H3030	Designation, adapter sleeve
	S3030-H	Designation, plummer block housing

