

Spherical roller bearings

222SM100-TVPA (Series 222SM)

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) or by telephone on +49 (91 32) 82 - 28 97.

d	100 mm
D	200 mm
C	53 mm
B	92 mm
r _{min}	2,1 mm
m	10,1 kg Mass
C _r	360000 N Basic dynamic load rating, radial
C _{0r}	460000 N Basic static load rating, radial
e	0,24
Y ₁	2,84
Y ₂	4,23
Y ₀	2,78
n _G	1590 1/min Limiting speed
C _{ur}	39500 N Fatigue limit load, radial
F _{a max}	13800 N Permissible axial load, for inner ring without axial abutment
M _i	35 Nm Tightening torque per clamping screw
M _a	14 Nm Tightening torque per clamping screw
	22222K Designation, spherical roller bearing, unsplit
	H322 Designation, adapter sleeve
	SNV200 Designation, plummer block housing

