

Spherical roller bearings

222SM110-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	110 mm
D	215 mm
C	58 mm
B	98 mm
r _{min}	2,1 mm
m	12,1 kg Mass
C _r	460000 N Basic dynamic load rating, radial
C _{0r}	590000 N Basic static load rating, radial
e	0,25
Y ₁	2,71
Y ₂	4,04
Y ₀	2,65
n _G	1430 1/min Limiting speed
C _{ur}	47000 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
	22224K Designation, spherical roller bearing, unsplit
	H3124 Designation, adapter sleeve
	SNV215 Designation, plummer block housing

