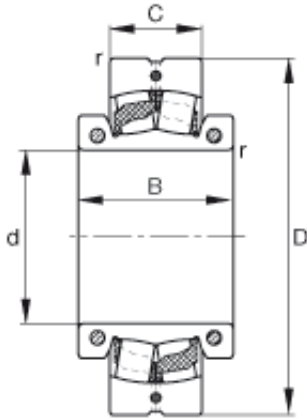




NTN Bearing Manufacturing



100 mm x 200 mm x 92 mm FAG
222SM100-TVPA spherical roller bearings

Bearing No. 222SM100-TVPA

222SM100-TVPA Bearing 2D drawings and 3D CAD models

Size	100x200x53 mm
Bore Diameter	100 mm
Outer Diameter	200 mm
Width	53 mm
d	100 mm
D	200 mm
C	53 mm
B	92 mm
r_{\min}	2,1 mm
m	10,1 kg / Weight
C_r	360000 N / Dynamic load rating (radial)
e	0,24
Y_1	2,84
Y_2	4,23
C_{0r}	465000 N / Static load rating (radial)
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



NTN Bearing Manufacturing

M_a	14 Nm / Tightening torque per clamping screw
	2222K / Designation, spherical roller bearing, unsplit
	H322 / Adapter sleeve