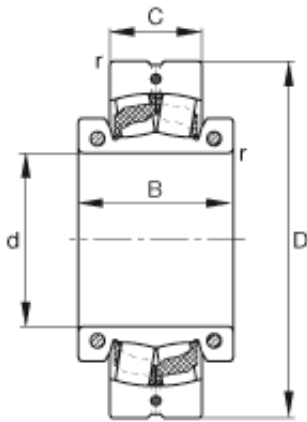




Timken BEARINGS INDUSTRY



90 mm x 180 mm x 76 mm FAG 222SM90-TVPA spherical roller bearings

Bearing No. 222SM90-TVPA

222SM90-TVPA Bearing 2D drawings and 3D CAD models

Size	90x180x46 mm
Bore Diameter	90 mm
Outer Diameter	180 mm
Width	46 mm
d	90 mm
D	180 mm
C	46 mm
B	76 mm
r_{\min}	2,1 mm
m	6,59 kg / Weight
C_r	285000 N / Dynamic load rating (radial)
e	0,23
Y_1	2,9
Y_2	4,31
C_{0r}	360000 N / Static load rating (radial)
Y_0	2,83
n_G	1820 1/min / Limiting speed
C_{ur}	32500 N / Fatigue limit load, radial
$F_{a \max}$	7600 N / Permissible axial load, for inner ring without axial abutment
M_i	14 Nm / Tightening torque per clamping screw



Timken BEARINGS INDUSTRY

M_a	14 Nm / Tightening torque per clamping screw
	22220K / Designation, spherical roller bearing, unsplit
	H320 / Adapter sleeve