



Bearing No. 231SM100-MA

	23122K / Designation, spherical roller bearing, unsplit
d	100 mm
D	180 mm
C	56 mm
B	90 mm
m	6,8 kg / Weight
e	0,28
Size (mm)	100x180x56
Width (mm)	56
Y0	2,32
Ma	4 Nm / Tightening torque per clamping screw
Mi	14 Nm / Tightening torque per clamping screw
nG	1400 1/min / Limiting speed
Cr	310000 N / Dynamic load rating (radial)
Y2	3,53
Y1	2,37
C0	430000 N / Static load rating (radial)
Cur	30000 N / Fatigue limit load, radial
Bearing number	231SM100-MA
rmin	2 mm
Fa max	7600 N / Permissible axial load, for inner ring without axial abutment
Bore Diameter (mm)	100

Outer Diameter (mm)	180
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