



MACHINE PRECISION AXLE CORP.



105 mm x 190 mm x 36 mm FAG N221-E-M1 Cylindrical Roller Bearings

Bearing No. N221-E-M1

N221-E-M1 Bearing 2D drawings and 3D CAD models

Size	105x190x36 mm
Bore Diameter	105 mm
Outer Diameter	190 mm
Width	36 mm
d	105 mm
D	190 mm
B	36 mm
$D_{a \max}$	178 mm
$D_{b \min}$	173 mm
$D_{c \max}$	170 mm
d_1	134,5 mm
$d_{a \min}$	117 mm
E	171,5 mm
F	125,5 mm
$r_{1 \min}$	2,1 mm
$r_{a \max}$	2,1 mm
$r_{a1 \max}$	2,1 mm
r_{\min}	2,1 mm
s	1,2 mm / Axial displacement facility from central position
m	4,63 kg / Weight
C_r	310000 N / Dynamic load rating (radial)
C_{0r}	320000 N / Static load rating



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	(radial)
n_G	5600 1/min / Limiting speed
n_B	3450 1/min
C_{ur}	53000 N / Fatigue limit load, radial