



# NTN Machinery Manufacturing Co., Ltd



## 25 mm x 47 mm x 12 mm FAG NU1005-M1 cylindrical roller bearings

Bearing No. NU1005-M1

NU1005-M1 Bearing 2D drawings and 3D CAD models

Size	25x47x12 mm
Bore Diameter	25 mm
Outer Diameter	47 mm
Width	12 mm
d	25 mm
D	47 mm
B	12 mm
D <sub>1</sub>	39,3 mm
D <sub>a max</sub>	44 mm
d <sub>a max</sub>	30 mm
d <sub>a min</sub>	27 mm
d <sub>b min</sub>	32 mm
E	41,5 mm
F	30,5 mm
r <sub>1 min</sub>	0,3 mm
r <sub>a max</sub>	0,6 mm
r <sub>a1 max</sub>	0,3 mm
r <sub>min</sub>	0,6 mm
s	2,4 mm / Axial displacement facility from central position
m	0,092 kg / Weight
C <sub>r</sub>	18500 N / Dynamic load rating (radial)
C <sub>0r</sub>	14800 N / Static load rating



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	(radial)
$n_G$	26000 1/min / Limiting speed
$n_B$	12900 1/min
$C_{ur}$	1780 N / Fatigue limit load, radial