



## BEARING-SINGAPORE (PTE)LTD.



### 45 mm x 75 mm x 16 mm FAG NU1009-M1 Cylindrical Roller Bearings

Bearing No. NU1009-M1

Size	45x75x16 mm
Bore Diameter	45 mm
Outer Diameter	75 mm
Width	16 mm
d	45 mm
D	75 mm
B	16 mm
D <sub>1</sub>	64,5 mm
D <sub>a max</sub>	70 mm
d <sub>a max</sub>	52 mm
d <sub>a min</sub>	48 mm
d <sub>b min</sub>	54 mm
E	67,5 mm
F	52,5 mm
r <sub>1 min</sub>	0,6 mm
r <sub>a max</sub>	1 mm
r <sub>a1 max</sub>	0,6 mm
r <sub>min</sub>	1 mm
s	2,5 mm / Axial displacement facility from central position
m	0,277 kg / Weight
C <sub>r</sub>	40000 N / Dynamic load rating (radial)
C <sub>0r</sub>	37500 N / Static load rating

NU1009-M1 Bearing 2D drawings and 3D CAD models



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	(radial)
$n_G$	16000 1/min / Limiting speed
$n_B$	8100 1/min
$C_{ur}$	4750 N / Fatigue limit load, radial