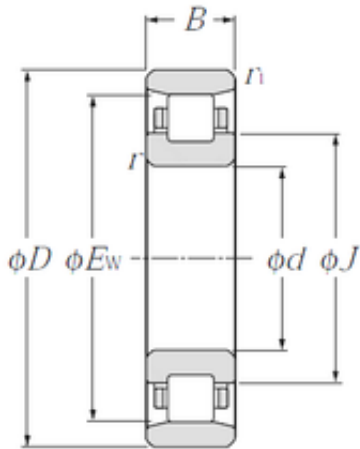




Bearing Manufacturing of America



45 mm x 120 mm x 29 mm 45 mm x 120 mm x 29 mm NTN N409 cylindrical roller bearings

Bearing No. N409

Size	45x100.5x29 mm
Bore Diameter	45 mm
Outer Diameter	100,5 mm
Width	29 mm
d	45 mm
D	120 mm
Ew	100,5 mm
B	29 mm
C	29 mm
r min.	2 mm
r1 min.	2 mm
J	71,8 mm
Weight	1,58 Kg
Basic dynamic load rating (C)	107 kN
Basic static load rating (C0)	102 kN
(Grease) Lubrication Speed	5 100 r/min
E	100.5 mm
F	64.5 mm
d1	71.8 mm
rs min	2 mm
r1s min	2 mm
Radial clearance class	CN
Mass (without HJ ring)	1.58 kg
Dynamic load, C	107 kN
Static load, C0	102 kN

N409 Bearing 2D drawings and 3D CAD models



Bearing Manufacturing of America

Fatigue limit load, C_u	12.4 kN
N_{lim} (oil)	6,000 rpm
N_{lim} (grease)	5,100 rpm
Min operating temperature, T_{min}	-40 ° C
Max operating temperature, T_{max}	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.36 Hz
Characteristic outer ring frequency, BPF0	3.91 Hz
Characteristic inner ring frequency, BRFI	6.09 Hz
d_a min	54 mm
D_a max	111 mm
D_b min	102 mm
D_c max	99 mm
r_a max	2 mm
r_{1a} max	2 mm