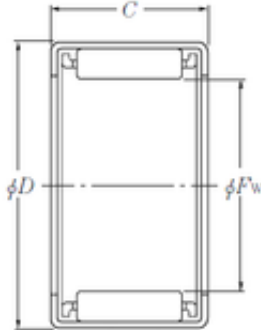




BEARING PRECISION AXLE CORP.

NTN HMK0912 needle roller bearings



HMK0912 Bearing 2D drawings and 3D CAD models

Bearing No. HMK0912

Size	9x16x12 mm
Bore Diameter	9 mm
Outer Diameter	16 mm
Width	12 mm
Fw	9 mm
D	16 mm
C	12 mm
Weight	0.0087 Kg
Basic dynamic load rating (C)	5,3 kN
Basic static load rating (C0)	4,45 kN
(Grease) Lubrication Speed	18 000 r/min
Dw	2.5 mm
Lw	7.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	IR6X9X16
Mass	0.0087 kg
Cr	5.3 kN
C0r	4.45 kN
Nlim (grease)	18,000 rpm
Nlim (oil)	27,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz



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Characteristic rolling element frequency, BSF	4.38 Hz
Characteristic outer ring frequency, BPF0	2.74 Hz
Characteristic inner ring frequency, BRFI	4.26 Hz