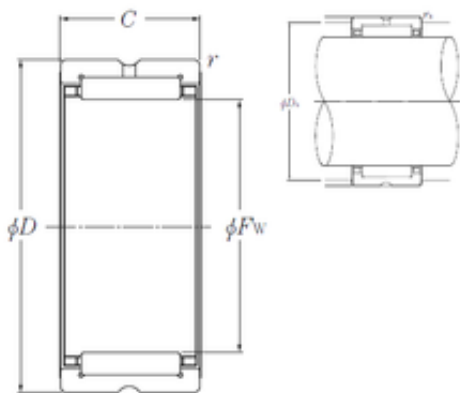




# AMERICAN BEARING MFG.CORP.

## NTN RNA4940 needle roller bearings

Bearing No. RNA4940



RNA4940 Bearing 2D drawings and 3D CAD models

Size	225x280x80 mm
Bore Diameter	225 mm
Outer Diameter	280 mm
Width	80 mm
Fw	225 mm
D	280 mm
C	80 mm
r min.	2,1 mm
Da max.	269 mm
ra max.	2 mm
Weight	7,2 Kg
Basic dynamic load rating (C)	505 kN
Basic static load rating (C0)	1180 kN
(Grease) Lubrication Speed	1200 r/min
rs min	2.1 mm
Dw	15 mm
Lw	66 mm
Lubrication hole on outer ring	Oui/Yes
k	4 mm
Radial clearance class	CN
Precision class	P0
Mass	7.2 kg
Cr	505 kN
C0r	1,180 kN
Nlim (grease)	1,200 rpm



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Nlim (oil)	1,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	15.94 Hz
Characteristic outer ring frequency, BPF0	14.06 Hz
Characteristic inner ring frequency, BRFI	15.94 Hz
Da max	269 mm
ras max	2 mm