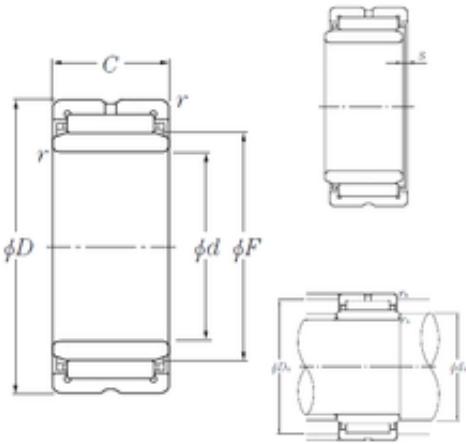




# Timken BEARING MFG.CORP

## 110 mm x 140 mm x 30 mm NTN NA4822 needle roller bearings

Bearing No. NA4822



NA4822 Bearing 2D drawings and 3D CAD models

Size	110x140x30 mm
Bore Diameter	110 mm
Outer Diameter	140 mm
Width	30 mm
d	110 mm
F	120 mm
D	140 mm
B	30 mm
C	30 mm
r min.	1 mm
s	0,8 mm
da min.	115 mm
Da max.	135 mm
ra max.	1 mm
Weight	1,11 Kg
Basic dynamic load rating (C)	93,5 kN
Basic static load rating (C0)	210 kN
(Grease) Lubrication Speed	2 200 r/min
rs min	1 mm
s max	0.8 mm
Dw	6 mm
Lw	24 mm
Lubrication hole on outer ring	Oui/Yes
k	3.5 mm



## Timken BEARING MFG.CORP

Lubrication hole on inner ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	1.11 kg
Cr	93.5 kN
C0r	210 kN
Nlim (grease)	2,200 rpm
Nlim (oil)	3,300 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.48 Hz
Characteristic rolling element frequency, BSF	20.95 Hz
Characteristic outer ring frequency, BPF0	18.1 Hz
Characteristic inner ring frequency, BPF1	19.9 Hz
da min	115 mm
Da max	135 mm
ras max	1 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.158
EAN	4547359112764
Product Group	B04144