



RNA4902R Bearing 2D drawings and 3D CAD models

### NTN RNA4902R needle roller bearings

Bearing No. RNA4902R

Size	20x28x13 mm
Bore Diameter	20 mm
Outer Diameter	28 mm
Width	13 mm
Fw	20 mm
D	28 mm
C	13 mm
r min.	0,3 mm
Da max.	26 mm
ra max.	0,3 mm
Weight	0,022 Kg
Basic dynamic load rating (C)	10,3 kN
Basic static load rating (C0)	12,8 kN
(Grease) Lubrication Speed	13000 r/min
rs min	0.3 mm
Dw	2.5 mm
Lw	9.8 mm
Lubrication hole on outer ring	Oui/Yes
k	2.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.02 kg
Cr	10.3 kN
C0r	12.8 kN
Nlim (grease)	13,000 rpm



## Shanghai Ruonan-Power Co., Ltd.

Nlim (oil)	20,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.89 Hz
Characteristic outer ring frequency, BPF0	7.11 Hz
Characteristic inner ring frequency, BRF1	8.89 Hz
Da max	26 mm
ras max	0.3 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.026
Product Group	B04144