



**Bearing No. RNA6905R**

D	42 mm
k	3 mm
C	30 mm
Cr	41.5 kN
Lw	25.4 mm
Fw	30 mm
Dw	4 mm
C0r	63 kN
Mass	0.11 kg
rs min	0.3 mm
Da max	40 mm
Weight	0,112 Kg
r min.	0,3 mm
ras max	0.3 mm
ra max.	0,3 mm
Da max.	40 mm
Category	Roller Bearings
Size (mm)	30x42x30
Inventory	0.0
Nlim (oil)	13,000 rpm
Width (mm)	30
Nlim (grease)	8,500 rpm
Product Group	B04144
Bearing number	RNA6905R
Precision class	P0
Weight / Kilogram	0.111
Manufacturer Name	NTN
Bore Diameter (mm)	30
Outer Diameter (mm)	42
Minimum Buy Quantity	N/A

Radial clearance class	CN
(Grease) Lubrication Speed	8500 r/min
Basic static load rating (C0)	63 kN
Basic dynamic load rating (C)	41,5 kN
Lubrication hole on outer ring	Oui/Yes
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	7.5 Hz
Characteristic inner ring frequency, BPI	9.5 Hz
Characteristic rolling element frequency, BSF	8.38 Hz