



NTN MR142212 needle roller bearings

Bearing No. MR142212

MR142212 Bearing 2D drawings and 3D CAD models

Size	22.225x34.925x19.05 mm
Bore Diameter	22,225 mm
Outer Diameter	34,925 mm
Width	19,05 mm
Fw	22,225 mm
D	34,925 mm
C	19,05 mm
r min.	1 mm
Da max.	30 mm
ra max.	1 mm
Weight	0,059 Kg
Basic dynamic load rating (C)	21,9 kN
Basic static load rating (C0)	25,6 kN
(Grease) Lubrication Speed	12 000 r/min
rs min	1 mm
Dw	4 mm
Lw	14.8 mm
Lubrication hole on outer ring	Oui/Yes
k	2.5 mm
Radial clearance class	CN
Precision class	P0
Mass	0.06 kg
Cr	21.9 kN
C0r	25.6 kN
Nlim (grease)	12,000 rpm



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Nlim (oil)	18,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.6 Hz
Characteristic outer ring frequency, BPF0	5.51 Hz
Characteristic inner ring frequency, BRFI	7.49 Hz
Da max	30 mm
ras max	1 mm