



Timken BEARINGS INDUSTRY

NTN RNA0-35X45X13 needle roller bearings



Bearing No. RNA0-35X45X13

RNA0-35X45X13 Bearing 2D drawings and 3D CAD models

Size	35x45x13 mm
Bore Diameter	35,000 mm
Outer Diameter	45,000 mm
Width	13,000 mm
Fw	35,000 mm
D	45,000 mm
C	13,000 mm
E	40 mm
rs min	0.3 mm
Dw	2.5 mm
Lw	9.8 mm
Lubrication hole on outer ring	Non/No
Radial clearance class	CN
Precision class	P0
Mass	0.05 kg
Cr	15.2 kN
C0r	25.1 kN
Nlim (grease)	7,500 rpm
Nlim (oil)	11,000 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	14.93 Hz



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Characteristic outer ring frequency, BPF0	12.13 Hz
Characteristic inner ring frequency, BRFI	13.87 Hz
db	39.4 mm
Da max	43 mm
Db	35.6 mm
ras max	0.3 mm