



Bearing No. NK85/25R

D	105 mm
k	3.5 mm
C	25 mm
Cr	70.5 kN
Lw	18 mm
Fw	85 mm
Dw	6.5 mm
C0r	123 kN
Mass	0.4 kg
rs min	1 mm
Da max	100 mm
Weight	0,404 Kg
r min.	1 mm
ras max	1 mm
ra max.	1 mm
Da max.	100 mm
Category	Bearings
Size (mm)	85x105x25
Inventory	0.0
Nlim (oil)	4,700 rpm
Width (mm)	25
Nlim (grease)	3,100 rpm
Product Group	B04144
Bearing number	NK85/25R
Precision class	P0
Weight / Kilogram	0.391
Manufacturer Name	NTN
Bore Diameter (mm)	85
Outer Diameter (mm)	105
Minimum Buy Quantity	N/A

Radial clearance class	CN
(Grease) Lubrication Speed	3100 r/min
Basic static load rating (C0)	123 kN
Basic dynamic load rating (C)	70,5 kN
Lubrication hole on outer ring	Oui/Yes
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic outer ring frequency, BPF0	13.47 Hz
Characteristic inner ring frequency, BRFI	15.53 Hz
Characteristic rolling element frequency, BSF	14.01 Hz