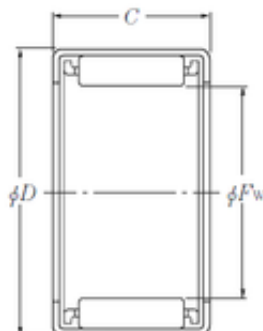




# NACHI BEARINGS TRAINING INDUSTRY

## NTN HMK2515C needle roller bearings



Bearing No. HMK2515C

Size	25x33x15 mm
Bore Diameter	25 mm
Outer Diameter	33 mm
Width	15 mm
Fw	25 mm
D	33 mm
C	15 mm
Weight	0.029 Kg
Basic dynamic load rating (C)	15,2 kN
Basic static load rating (C0)	19,9 kN
(Grease) Lubrication Speed	6 500 r/min
Dw	3 mm
Lw	9.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	IR20X25X16
Mass	0.03 kg
Cr	15.2 kN
C0r	19.9 kN
Nlim (grease)	6,500 rpm
Nlim (oil)	9,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.45 Hz

HMK2515C Bearing 2D drawings and 3D CAD models



## NACHI BEARINGS TRAINING INDUSTRY

Characteristic rolling element frequency, BSF	9.23 Hz
Characteristic outer ring frequency, BPF0	8.04 Hz
Characteristic inner ring frequency, BPF1	9.96 Hz
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.029
Product Group	B04144
bore diameter:	25 mm
static load capacity:	19900 N
outside diameter:	33 mm
bearing material:	Steel
overall width:	15 mm
cage material:	Steel
drawn cup type:	Open Ends
maximum rpm:	9500 rpm
closure type:	Open
precision rating:	ISO Class 0
number of rows:	One
series:	HMK
operating temperature range:	-40 to 250 ° F, -40 to 120 ° C
lubrication hole type:	No Hole
dynamic load capacity:	15200 N