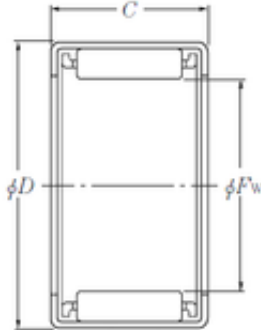




# TRAY BEARING-MALAYSIA SDN.BHD.

## NTN HK3520 needle roller bearings



Bearing No. HK3520

Size	35x42x20 mm
Bore Diameter	35 mm
Outer Diameter	42 mm
Width	20 mm
Fw	35 mm
D	42 mm
C	20 mm
Weight	0.046 Kg
Basic dynamic load rating (C)	24,8 kN
Basic static load rating (C0)	47,5 kN
(Grease) Lubrication Speed	4 700 r/min
Dw	2.5 mm
Lw	15.8 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	No
Mass	0.05 kg
Cr	24.8 kN
C0r	47.5 kN
Nlim (grease)	4,700 rpm
Nlim (oil)	7,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz

HK3520 Bearing 2D drawings and 3D CAD models



## TRAY BEARING-MALAYSIA SDN.BHD.

Characteristic rolling element frequency, BSF	14.93 Hz
Characteristic outer ring frequency, BPF0	14 Hz
Characteristic inner ring frequency, BRFI	16 Hz
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.053
Product Group	B04144