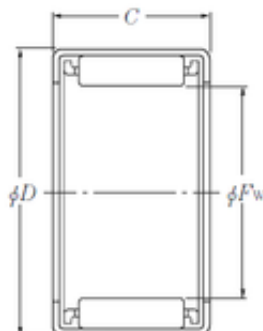


## NTN HMK2820 needle roller bearings



HMK2820 Bearing 2D drawings and 3D CAD models

Bearing No. HMK2820

Size	28x37x20 mm
Bore Diameter	28 mm
Outer Diameter	37 mm
Width	20 mm
Fw	28 mm
D	37 mm
C	20 mm
Weight	0.049 Kg
Basic dynamic load rating (C)	23,6 kN
Basic static load rating (C0)	32,5 kN
(Grease) Lubrication Speed	5 500 r/min
Dw	3.5 mm
Lw	15.5 mm
Lubrication hole on outer ring	Non/No
Inner ring reference	IR22X28X20.5
Mass	0.05 kg
Cr	23.6 kN
C0r	32.5 kN
Nlim (grease)	5,500 rpm
Nlim (oil)	8,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz



## BEARING-Bearing LTD.

Characteristic rolling element frequency, BSF	8.89 Hz
Characteristic outer ring frequency, BPF0	7.11 Hz
Characteristic inner ring frequency, BPF1	8.89 Hz
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.044
Product Group	B04144
bore diameter:	28 mm
static load capacity:	32500 N
outside diameter:	37 mm
bearing material:	Steel
overall width:	20 mm
cage material:	Steel
drawn cup type:	Open Ends
maximum rpm:	8500 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:	23600 N