



**Bearing No. HMK2020**

D	27 mm
C	20 mm
Cr	17.7 kN
Lw	15.8 mm
Fw	20 mm
Dw	2.5 mm
C0r	25.6 kN
Mass	0.03 kg
Weight	0.027 Kg
series:	HMK
Category	Roller Bearings
Inventory	0.0
Size (mm)	20x27x20
Width (mm)	20
Nlim (oil)	12,000 rpm
maximum rpm:	12000 rpm
Product Group	B04144
Nlim (grease)	8,000 rpm
closure type:	Open
overall width:	20 mm
cage material:	Steel
bore diameter:	20 mm
Bearing number	HMK2020
drawn cup type:	Open Ends
number of rows:	One
bearing material:	Steel
precision rating:	ISO Class 0
Manufacturer Name	NTN
Weight / Kilogram	0.027
outside diameter:	27 mm

Bore Diameter (mm)	20
Outer Diameter (mm)	27
Inner ring reference	IR17X20X20.5
Minimum Buy Quantity	N/A
static load capacity:	25600 N
lubrication hole type:	No Hole
dynamic load capacity:	17700 N
(Grease) Lubrication Speed	8 000 r/min
operating temperature range:	-40 to 250 °F, -40 to 120 °C
Basic static load rating (C0)	25,6 kN
Basic dynamic load rating (C)	17,7 kN
Lubrication hole on outer ring	Non/No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic inner ring frequency, BPI	9.44 Hz
Characteristic outer ring frequency, BPO	7.56 Hz
Characteristic rolling element frequency, BSF	8.89 Hz