

# KOYO HJ-223020 needle roller bearings

What is KOYO HJ-223020 needle roller bearings in mechanical engineering? Manufacturing Service 20 mm d 42 mm D . Upload your CAD file for an instant.

d	20 mm
D	42 mm
B	12 mm
rs min	0.6 mm
Radial clearance class	CN
Mass	0.07 kg
Dynamic load, C	9.4 kN
Static load, C <sub>0</sub>	5.05 kN
Fatigue limit load, C <sub>u</sub>	0.23 kN
f <sub>0</sub>	13.9
N <sub>lim</sub> (grease)	18,000 rpm
Min operating temperature, T <sub>min</sub>	-25 °C
Max operating temperature, T <sub>max</sub>	110 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.76 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	3.59 Hz
Characteristic inner ring frequency, BPF <sub>I</sub>	5.41 Hz
da min	24 mm
da max	26 mm
Da max	38 mm

ra max	0.6 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.068
EAN	4547359003697
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Enclosure Type	Non-Contact Seal
Internal Clearance	C0-Medium
Inch – Metric	Metric
Long Description	20MM Bore; 42MM Outside Diameter; 12MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1   ISO P0;
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer Item Number	6004LLB/5CQB
Weight / LBS	0.151
Outer Race Width	0.472 Inch   12 Millimeter
Bore	0.787 Inch   20 Millimeter
Outside Diameter	1.654 Inch   42 Millimeter