

Timken 220RIN744 cylindrical roller bearings

Timken 220RIN744 cylindrical roller bearings Engineering Calculator , 200 mm D 22 mm B Manufacturing Service 130 mm d .
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d	130 mm
D	200 mm
B	22 mm
rs min	1.1 mm
Radial clearance class	C3
Mass	2.31 kg
Dynamic load, C	80 kN
Static load, C ₀	79.5 kN
Fatigue limit load, C _u	2.8 kN
f ₀	16.2
N _{lim} (oil)	3,800 rpm
N _{lim} (grease)	3,200 rpm
Min operating temperature, T _{min}	-60 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.34 Hz
Characteristic outer ring frequency, BPF ₀	7.15 Hz
Characteristic inner ring frequency, BPFI	8.85 Hz
da min	136.5 mm
Da max	193.5 mm

ra max	1 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.31
Product Group	B00308
Enclosure	Open
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
Internal Clearance	C3-Loose
Inch – Metric	Metric
Long Description	130MM Bore; 200MM Outside Diameter; 22MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No F
Other Features	Deep Groove Radial
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Weight / LBS	5.2463
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.866 Inch 22 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter

Bore

5.118 Inch | 130
Millimeter