



Bearing No. 6308LB

D	90,000 mm
d	40,000 mm
B	23,000 mm
C	23,000 mm
f0	13.2
Mass	0.63 kg
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
ra max	1.5 mm
UNSPSC	31171504
rs min	1.5 mm
da min	48 mm
da max	54 mm
Da max	82 mm
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	1 Seal
Size (mm)	40x90x23
Width (mm)	23,000
Nlim (oil)	9,200 rpm
Weight / LBS	1.4
Cage Material	Steel
Nlim (grease)	7,800 rpm
Product Group	B00308
Inch - Metric	Metric
Enclosure Type	Non-Contact Seal
Keyword String	Ball
Bearing number	6308LB

Precision Class	ABEC 1 ISO P0
Dynamic load, C	40.5 kN
Rolling Element	Ball Bearing
Static load, C0	24 kN
Outer Race Width	0.906 Inch 23 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	40MM Bore; 90MM Outside Diameter; 23MM Outer Race Diameter; 1 Seal; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	NTN
Weight / Kilogram	0.64
Bore Diameter (mm)	40,000
Internal Clearance	C3-Loose
Outer Diameter (mm)	90,000
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	1.09 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Manufacturer Item Number	6308LB
Internal Special Features	No
Min operating temperature, Tmin	-25 °C
Max operating temperature, Tmax	110 °C
Maximum Capacity / Filling Slot	No

Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BPF1	4.93 Hz
Characteristic rolling element frequency, BSF	4.08 Hz