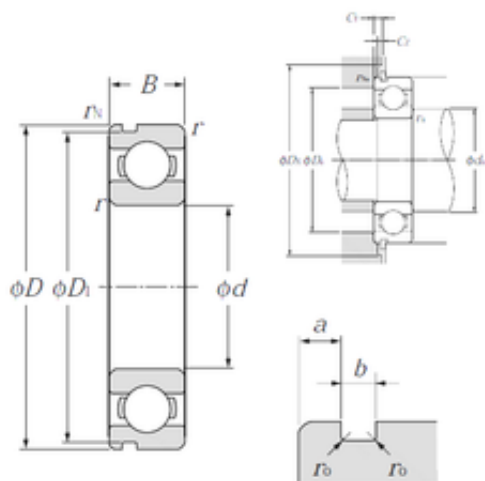




Bearing No. 6308N

D	90 mm
d	40 mm
B	23 mm
C	23 mm
a	3,28 mm
b	2,7 mm
f0	13.2
D1	86,79 mm
Cz	2,5 mm
rn	0,5 mm
Cy	5,4 mm
Dx	98 mm
Noun	Bearing
Mass	0.63 kg
Bore	1.575 Inch 40 Millimeter
b min	2.7 mm
a min	3.07 mm
b max	3 mm
a max	3.28 mm
Da max	82 mm
ra max	1.5 mm
r0 max	0.6 mm
da min	48 mm
D3 max	86.79 mm
rs min	1.5 mm
da max	54 mm
Weight	0,63 Kg
r min.	1,5 mm
UNSPSC	31171504

da min.	48 mm
Da max.	82 mm
ra max.	1,5 mm
rNs min	0.5 mm
rNa max	0.5 mm
r0 max.	0,6 mm
Category	Single Row Ball Bearing
Size (mm)	40x90x23
Inventory	0.0
Snap Ring	Yes
Enclosure	Open
Nlim (oil)	9,200 rpm
Width (mm)	23
Weight / LBS	1.411
Product Group	B00308
Nlim (grease)	7,800 rpm
Cage Material	Steel
Inch - Metric	Metric
Keyword String	Ball
Other Features	Deep Groove With Snap Ring Groove
Bearing number	6308N
Dynamic load, C	40.5 kN
Static load, C0	24 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outside Diameter	3.543 Inch 90 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Long Description	40MM Bore; 90MM Outside Diameter; 23MM Outer Race Width; Open; Ball

	Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.906 Inch 23 Millimeter
Manufacturer Name	NTN
Weight / Kilogram	0.614
Bore Diameter (mm)	40
Internal Clearance	C0-Medium
Outer Diameter (mm)	90
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	1.09 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	9 200 r/min
Manufacturer Item Number	6308N
Internal Special Features	No
(Grease) Lubrication Speed	7 800 r/min
Basic static load rating (C0)	24 kN
Basic dynamic load rating (C)	40,5 kN
Maximum Capacity / Filling Slot	No
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.38 Hz

Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring frequency, BPI	4.93 Hz
Characteristic rolling element frequency, BSF	4.08 Hz