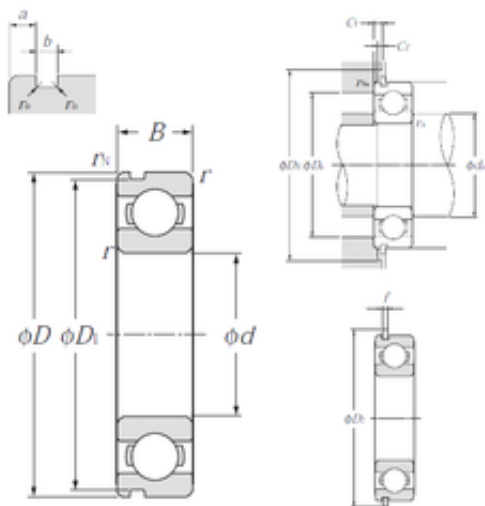




Bearing No. 6308NR

f	2,46 mm
d	40 mm
D	90 mm
B	23 mm
C	23 mm
a	3,28 mm
b	2,7 mm
f0	13.2
Cy	5,4 mm
D2	96,5 mm
D1	86,79 mm
Cz	2,5 mm
rn	0,5 mm
Dx	98 mm
Noun	Bearing
Mass	0.63 kg
Bore	1.575 Inch 40 Millimeter
b max	3 mm
a max	3.28 mm
a min	3.07 mm
b min	2.7 mm
D4 max	96.5 mm
da max	54 mm
D3 max	86.79 mm
da min	48 mm
Weight	0,63 Kg
r0 max	0.6 mm
r min.	1,5 mm
UNSPSC	31171504

Da max	82 mm
Db min	98 mm
ra max	1.5 mm
Ca min	5.43 mm
Ca max	5.74 mm
rs min	1.5 mm
rNa max	0.5 mm
rNs min	0.5 mm
ra max.	1,5 mm
r0 max.	0,6 mm
Da max.	82 mm
da min.	48 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	40x90x23
Snap Ring	Yes
Enclosure	Open
Width (mm)	23
bore type:	Round
Nlim (oil)	9,200 rpm
Weight / LBS	1.426
Product Group	B00308
Nlim (grease)	7,800 rpm
closure type:	Open
Cage Material	Steel
Inch - Metric	Metric
Other Features	Deep Groove With Snap Ring
overall width:	23 mm
Keyword String	Ball
Bearing number	6308NR
bore diameter:	40 mm
cage material:	Steel

fillet radius:	1.5 mm
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Dynamic load, C	40.5 kN
Rolling Element	Ball Bearing
Static load, C0	24 kN
Outside Diameter	3.543 Inch 90 Millimeter
Inner Race Width	0 Inch 0 Millimeter
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
Outer Race Width	0.906 Inch 23 Millimeter
Manufacturer URL	http://www.ntnamerica.c om
outer ring width:	23 mm
outside diameter:	90 mm
precision rating:	ISO Class 0
Weight / Kilogram	0.647
inner ring width:	23 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	40
maximum rpm (oil):	9200 rpm
Snap ring reference	R90
Outer Diameter (mm)	90

internal clearance:	CN
snap ring included:	With Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	7800 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	24000 N
Fatigue limit load, Cu	1.09 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	40500 N
Radial clearance class	CN
(Oil) Lubrication Speed	9 200 r/min
Manufacturer Item Number	6308NR
Internal Special Features	No
(Grease) Lubrication Speed	7 800 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	24 kN
Basic dynamic load rating (C)	40,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.38 Hz
Characteristic outer ring frequency, BPF0	3.07 Hz
Characteristic inner ring	4.93 Hz

frequency, BPFI	
Characteristic rolling element frequency, BSF	4.08 Hz