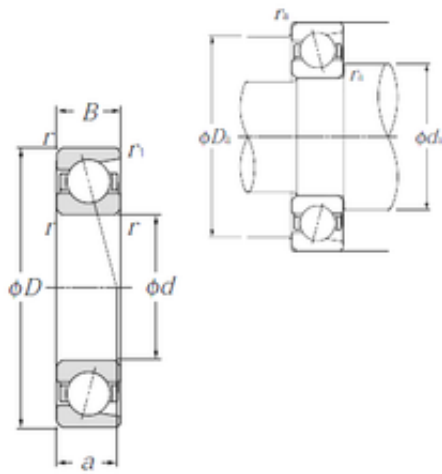




# Timken BEARINGS INDUSTRY

40 mm x 90 mm x 23 mm NTN 7308B angular contact ball bearings



Bearing No. 7308B

Size	40x90x23 mm
Bore Diameter	40 mm
Outer Diameter	90 mm
Width	23 mm
d	40 mm
D	90 mm
B	23 mm
C	23 mm
Angle ( ° )	40 °
a	39 mm
r min.	1,5 mm
r1 min.	1 mm
da min.	48,5 mm
db min	45,5 mm
ra max.	1,5 mm
Weight	0,636 Kg
Basic dynamic load rating (C)	45 kN
Basic static load rating (C0)	30,5 kN
(Grease) Lubrication Speed	7 400 r/min
Contact angle	40 °
rs min	1.5 mm
r1s min	1 mm
Mass	0.64 kg
Dynamic load, C	45 kN
Static load, C0	30.5 kN

7308B Bearing 2D drawings and 3D CAD models



## Timken BEARINGS INDUSTRY

Fatigue limit load, Cu	1.39 kN
Nlim (oil)	9,900 rpm
Nlim (grease)	7,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	48.5 mm
Da max	81.5 mm
Db max	84.5 mm
r1a max	1 mm
ra max	1 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.642
EAN	4547359449846
Product Group	B00308
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric



## Timken BEARINGS INDUSTRY

Long Description	40MM Bore; 90MM Outside Diameter; 23MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Manufacturer Item Number	7308B
Weight / LBS	1.417
Width	0.906 Inch   23 Millimeter
Bore	1.575 Inch   40 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
bore diameter:	40 mm
radial static load capacity:	30500 N
outside diameter:	90 mm
operating temperature range:	-40 to 120 ° C
overall width:	23 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	23 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	9900 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0



## Timken BEARINGS INDUSTRY

closure type:	Open
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
series:	73B
bearing material:	High Carbon Chrome Steel
weight:	0.641 kg
radial dynamic load capacity:	45000 N
manufacturer product page:	<a href="#">Click here</a>