



NTN Bearing Rolamentos do Brasil Ltda.

90 mm x 160 mm x 30 mm NTN 7218 Angular Contact Ball Bearings



Bearing No. 7218

Size	90x160x30 mm
Bore Diameter	90 mm
Outer Diameter	160 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
C	30 mm
Angle (°)	25 °
a	51 mm
r min.	2 mm
r1 min.	1 mm
da min.	100 mm
db min	95,5 mm
ra max.	2 mm
Weight	2,18 Kg
Basic dynamic load rating (C)	118 kN
Basic static load rating (C0)	103 kN
(Grease) Lubrication Speed	4 400 r/min
Contact angle	30 °
rs min	2 mm
r1s min	1 mm
Mass	2.18 kg
Dynamic load, C	118 kN
Static load, C0	103 kN

7218 Bearing 2D drawings and 3D CAD models



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Fatigue limit load, Cu	4.2 kN
Nlim (oil)	5,900 rpm
Nlim (grease)	4,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	100 mm
Da max	150 mm
Db max	154.5 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	2.24
Product Group	B04270
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	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	90MM Bore; 160MM Outside Diameter; 30MM



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	Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 30 Degree; 1 (Single)
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	6.299 Inch 160 Millimeter
Bore	3.543 Inch 90 Millimeter
Width	1.181 Inch 30 Millimeter