



RC Bearing Ltd

NTN 7202 BDF, Duplex Angular Contact Ball Bearings, 7202BDF



Bearing No. 7202

Size	15x35x11 mm
Bore Diameter	15 mm
Outer Diameter	35 mm
Width	11 mm
d	15 mm
D	35 mm
B	11 mm
C	11 mm
Angle (°)	25 °
a	12,5 mm
r min.	0,6 mm
r1 min.	0,3 mm
da min.	19,5 mm
db min	17,5 mm
ra max.	0,6 mm
Weight	0,046 Kg
Basic dynamic load rating (C)	9,05 kN
Basic static load rating (C0)	4,7 kN
(Grease) Lubrication Speed	22 000 r/min
Contact angle	30 °
rs min	0.6 mm
r1s min	0.3 mm
Mass	0.05 kg
Dynamic load, C	9.05 kN
Static load, C0	4.7 kN

7202 Bearing 2D drawings and 3D CAD models



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Fatigue limit load, Cu	0.21 kN
Nlim (oil)	29,000 rpm
Nlim (grease)	22,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	19.5 mm
Da max	30.5 mm
Db max	32.5 mm
r1a max	0.3 mm
ra max	0.3 mm
Category	Angular Contact Ball Bearings
Inventory	2.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.044
EAN	4547359436655
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	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric



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Long Description	15MM Bore; 35MM Outside Diameter; 11MM 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
Manufacturer Item Number	7202
Outside Diameter	1.378 Inch 35 Millimeter
Width	0.433 Inch 11 Millimeter
Bore	0.591 Inch 15 Millimeter
bore diameter:	15 mm
radial static load capacity:	4700 N
outside diameter:	35 mm
operating temperature range:	-40 to 120 ° C
overall width:	11 mm
cage material:	Steel
contact angle:	30 °
outer ring width:	11 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	29000 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0



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closure type:	Open
fillet radius:	0.6 mm
snap ring included:	Without Snap Ring
series:	72
bearing material:	High Carbon Chrome Steel
weight:	0.044 kg
radial dynamic load capacity:	9050 N
manufacturer product page:	Click here