



NTN-SNR BEARING RULMENTI S.R.L.

80 mm x 125 mm x 22 mm NTN 7016 Single row or matched pairs of angular contact ball bearings



Bearing No. 7016

7016 Bearing 2D drawings and 3D CAD models

Size	80x125x22 mm
Bore Diameter	80 mm
Outer Diameter	125 mm
Width	22 mm
d	80 mm
D	125 mm
B	22 mm
C	22 mm
Angle (°)	25 °
a	40,5 mm
r min.	1,1 mm
r1 min.	0,6 mm
da min.	87 mm
db min	87 mm
ra max.	1 mm
Weight	0,994 Kg
Basic dynamic load rating (C)	53,5 kN
Basic static load rating (C0)	50,5 kN
(Grease) Lubrication Speed	5 500 r/min
Contact angle	30 °
rs min	1.1 mm
r1s min	0.6 mm
Mass	0.99 kg
Dynamic load, C	53.5 kN



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Static load, C0	50.5 kN
Fatigue limit load, Cu	2.27 kN
Nlim (oil)	7,300 rpm
Nlim (grease)	5,500 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.5 Hz
Characteristic outer ring frequency, BPF0	8.86 Hz
Characteristic inner ring frequency, BPF1	11.14 Hz
da min	87 mm
Da max	118 mm
Db max	120.5 mm
r1a max	0.6 mm
ra max	1 mm
Category	Angular Contact Ball Bearings
Inventory	1.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.974
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



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Snap Ring	No
Cage Material	Steel
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	80MM Bore; 125MM Outside Diameter; 22MM 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	7016
Bore	3.15 Inch 80 Millimeter
Width	0.866 Inch 22 Millimeter
Outside Diameter	4.921 Inch 125 Millimeter