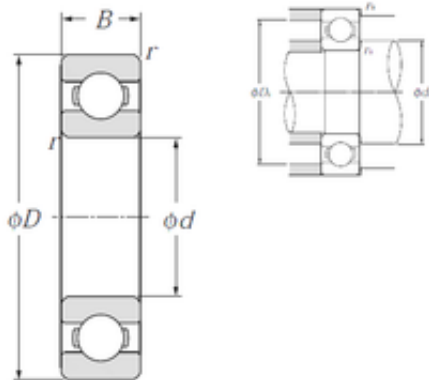




High Temperature BEARINGS CO., LTD

80 mm x 100 mm x 10 mm NTN 6816 deep groove ball bearings



Bearing No. 6816

6816 Bearing 2D drawings and 3D CAD models

Size	80x100x10 mm
Bore Diameter	80 mm
Outer Diameter	100 mm
Width	10 mm
d	80 mm
D	100 mm
B	10 mm
C	10 mm
r min.	0,6 mm
da min.	84 mm
da max	85 mm
Da max.	96 mm
ra max.	0,6 mm
Weight	0,154 Kg
Basic dynamic load rating (C)	12,7 kN
Basic static load rating (C0)	13,3 kN
(Grease) Lubrication Speed	6 000 r/min
(Oil) Lubrication Speed	7 100 r/min
rs min	0.6 mm
Radial clearance class	CN
Mass	0.15 kg
Dynamic load, C	12.7 kN
Static load, C0	13.3 kN
Fatigue limit load, Cu	0.6 kN
f0	16



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Nlim (oil)	7,100 rpm
Nlim (grease)	6,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.47 Hz
Characteristic rolling element frequency, BSF	16.14 Hz
Characteristic outer ring frequency, BPF0	12.67 Hz
Characteristic inner ring frequency, BRF1	14.33 Hz
da min	84 mm
Da max	96 mm
ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.154
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	80MM Bore; 100MM Outside Diameter; 10MM



High Temperature BEARINGS CO., LTD

	Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Weight / LBS	0.331
Outer Race Width	0.394 Inch 10 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Bore	3.15 Inch 80 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter