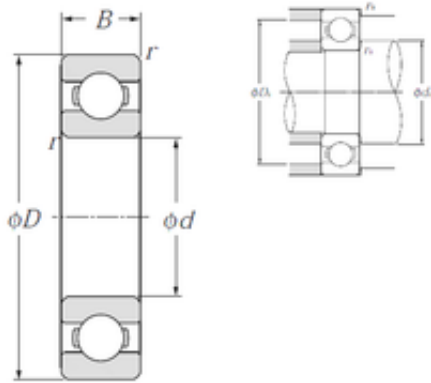




REXROTH BEARINGS DEVELOPMENT LTD

160 mm x 200 mm x 20 mm NTN 6832 deep groove ball bearings



Bearing No. 6832

6832 Bearing 2D drawings and 3D CAD models

Size	160x200x20 mm
Bore Diameter	160 mm
Outer Diameter	200 mm
Width	20 mm
d	160 mm
D	200 mm
B	20 mm
C	20 mm
r min.	1,1 mm
da min.	166,5 mm
Da max.	193,5 mm
ra max.	1 mm
Weight	1,23 Kg
Basic dynamic load rating (C)	48,5 kN
Basic static load rating (C0)	57 kN
(Grease) Lubrication Speed	2 900 r/min
(Oil) Lubrication Speed	3 400 r/min
rs min	1.1 mm
Radial clearance class	CN
Mass	1.23 kg
Dynamic load, C	48.5 kN
Static load, C0	57 kN
Fatigue limit load, Cu	2.39 kN
f0	16.1
Nlim (oil)	3,400 rpm



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Nlim (grease)	2,900 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	15.05 Hz
Characteristic outer ring frequency, BPF0	11.67 Hz
Characteristic inner ring frequency, BRFI	13.33 Hz
da min	166.5 mm
Da max	193.5 mm
ra max	1 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	1.211
EAN	4547359414530
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	160MM Bore; 200MM Outside Diameter; 20MM



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	Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
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
Manufacturer Item Number	6832
Weight / LBS	2.674
Bore	6.299 Inch 160 Millimeter
Outside Diameter	7.874 Inch 200 Millimeter
Outer Race Width	0.787 Inch 20 Millimeter
bore diameter:	160 mm
precision rating:	Class 0
outside diameter:	200 mm
finish/coating:	Uncoated
overall width:	20 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	20 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	20 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	2900 rpm
internal clearance:	CN
maximum rpm (oil):	3400 rpm
operating temperature	-40 to 120 ° C



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range:	
fillet radius:	1.1 mm
dynamic load capacity:	48500 N
series:	68
static load capacity:	57000 N
manufacturer product page:	Click here