



REXNORED BEARING LIMITED

55 mm x 90 mm x 11 mm NTN 16011 deep groove ball bearings



Bearing No. 16011

16011 Bearing 2D drawings and 3D CAD models

Size	55x90x11 mm
Bore Diameter	55 mm
Outer Diameter	90 mm
Width	11 mm
d	55 mm
D	90 mm
B	11 mm
C	11 mm
r min.	0,6 mm
da min.	59 mm
Da max.	86 mm
ra max.	0,6 mm
Weight	0,258 Kg
Basic dynamic load rating (C)	18,6 kN
Basic static load rating (C0)	15,3 kN
(Grease) Lubrication Speed	7 700 r/min
(Oil) Lubrication Speed	9 000 r/min
rs min	0.6 mm
Radial clearance class	CN
Mass	0.26 kg
Dynamic load, C	18.6 kN
Static load, C0	15.3 kN
Fatigue limit load, Cu	0.7 kN
f0	16.2
Nlim (oil)	9,000 rpm



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Nlim (grease)	7,700 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	9.02 Hz
Characteristic outer ring frequency, BPF0	6.68 Hz
Characteristic inner ring frequency, BRF1	8.32 Hz
da min	59 mm
Da max	86 mm
ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.251
EAN	4547359010176
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	55MM Bore; 90MM Outside Diameter; 11MM



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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	16011
Weight / LBS	0.555
Outer Race Width	0.433 Inch 11 Millimeter
Bore	2.165 Inch 55 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
bore diameter:	55 mm
finish/coating:	Uncoated
outside diameter:	90 mm
bearing material:	High Carbon Chrome Steel
overall width:	11 mm
cage material:	Steel
bore type:	Round
inner ring width:	11 mm
closure type:	Open
outer ring width:	11 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	7700 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	9000 rpm
internal clearance:	CN
fillet radius:	0.6 mm
operating temperature	-40 to 120 ° C



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range:	
maximum rpm:	9000 RPM
dynamic load capacity:	18600 N
series:	600
static load capacity:	15300 N
manufacturer product page:	Click here
precision rating:	Class 0