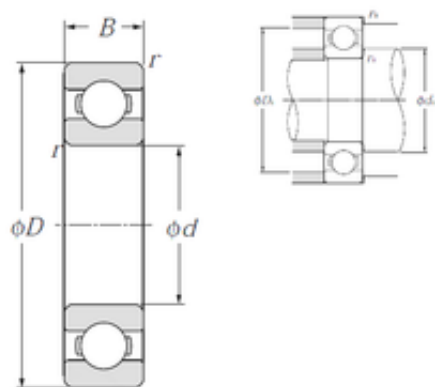




Bearing No. 16011

D	90 mm
d	55 mm
B	11 mm
C	11 mm
f0	16.2
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
Mass	0.26 kg
Da max	86 mm
UNSPSC	31171504
r min.	0,6 mm
rs min	0.6 mm
da min	59 mm
Weight	0,258 Kg
ra max	0.6 mm
Da max.	86 mm
ra max.	0,6 mm
da min.	59 mm
series:	600
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	55x90x11
Nlim (oil)	9,000 rpm
bore type:	Round
Width (mm)	11
Weight / LBS	0.555
maximum rpm:	9000 RPM

Nlim (grease)	7,700 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	55 mm
cage material:	Steel
fillet radius:	0.6 mm
overall width:	11 mm
Bearing number	16011
Dynamic load, C	18.6 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	15.3 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	3.543 Inch 90 Millimeter
Long Description	55MM Bore; 90MM Outside Diameter; 11MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.433 Inch 11 Millimeter
outer ring width:	11 mm
inner ring width:	11 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	90 mm
Weight / Kilogram	0.251

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	9000 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	55
Outer Diameter (mm)	90
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	7700 rpm
static load capacity:	15300 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	18600 N
Fatigue limit load, Cu	0.7 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	9 000 r/min
Manufacturer Item Number	16011
Internal Special Features	No
(Grease) Lubrication Speed	7 700 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	15,3 kN
Basic dynamic load rating (C)	18,6 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.44 Hz
Characteristic inner ring frequency, BPFI	8.32 Hz
Characteristic outer ring frequency, BPF0	6.68 Hz
Characteristic rolling element frequency, BSF	9.02 Hz