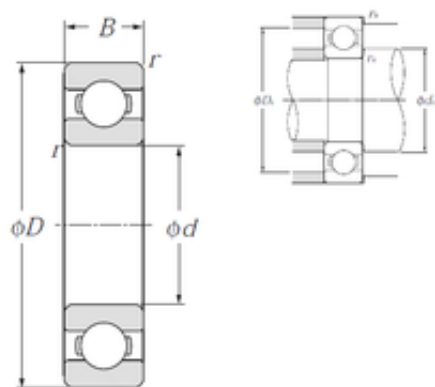




Bearing No. 16013

D	100 mm
d	65 mm
B	11 mm
C	11 mm
f0	16.5
Bore	2.559 Inch 65 Millimeter
Noun	Bearing
Mass	0.31 kg
Da max	96 mm
UNSPSC	31171504
r min.	0,6 mm
rs min	0.6 mm
da min	69 mm
Weight	0,307 Kg
ra max	0.6 mm
Da max.	96 mm
ra max.	0,6 mm
da min.	69 mm
series:	600
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	65x100x11
Nlim (oil)	7,700 rpm
bore type:	Round
Width (mm)	11
Weight / LBS	0.648
maximum rpm:	7700 RPM

Nlim (grease)	6,500 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	65 mm
cage material:	Steel
fillet radius:	0.6 mm
overall width:	11 mm
Bearing number	16013
Dynamic load, C	20.5 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	18.7 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	3.937 Inch 100 Millimeter
Long Description	65MM Bore; 100MM 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:	100 mm
Weight / Kilogram	0.293

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	7700 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	65
Outer Diameter (mm)	100
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	6500 rpm
static load capacity:	18700 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	20500 N
Fatigue limit load, Cu	0.85 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	7 700 r/min
Manufacturer Item Number	16013
Internal Special Features	No
(Grease) Lubrication Speed	6 500 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	18,7 kN
Basic dynamic load rating (C)	20,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPFI	9.87 Hz
Characteristic outer ring frequency, BPF0	8.13 Hz
Characteristic rolling element frequency, BSF	10.3 Hz