



Bearing No. 6822

D	140 mm
d	110 mm
B	16 mm
C	16 mm
f0	16
Noun	Bearing
Bore	4.331 Inch 110 Millimeter
Mass	0.52 kg
da min	115 mm
ra max	1 mm
r min.	1 mm
UNSPSC	31171504
rs min	1 mm
Weight	0,515 Kg
Da max	135 mm
Da max.	135 mm
ra max.	1 mm
da min.	115 mm
series:	68
Category	Single Row Ball Bearing
Size (mm)	110x140x16
Snap Ring	No
Enclosure	Open
Inventory	1.0
bore type:	Round
Nlim (oil)	5,100 rpm
Width (mm)	16
Weight / LBS	1.134
Nlim (grease)	4,300 rpm

Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
overall width:	16 mm
cage material:	Steel
fillet radius:	1 mm
bore diameter:	110 mm
Bearing number	6822
Dynamic load, C	24.9 kN
Static load, C0	28.2 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Outside Diameter	5.512 Inch 140 Millimeter
Long Description	110MM Bore; 140MM Outside Diameter; 16MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.63 Inch 16 Millimeter
Weight / Kilogram	0.52
inner ring width:	16 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	140 mm
precision rating:	Class 0
Manufacturer Name	NTN

outer ring width:	16 mm
Internal Clearance	C0-Medium
maximum rpm (oil):	5100 rpm
Bore Diameter (mm)	110
snap ring included:	Without Snap Ring
internal clearance:	CN
Outer Diameter (mm)	140
Minimum Buy Quantity	N/A
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	28200 N
maximum rpm (grease):	4300 rpm
Radial clearance class	CN
Fatigue limit load, Cu	1.15 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	24900 N
(Oil) Lubrication Speed	5 100 r/min
Manufacturer Item Number	6822
Internal Special Features	No
manufacturer product page:	Click here
(Grease) Lubrication Speed	4 300 r/min
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	24,9 kN
Basic static load rating (C0)	28,2 kN
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Min operating	-20 °C

temperature, Tmin	
Characteristic cage frequency, FTF	0.47 Hz
Characteristic outer ring frequency, BPF0	13.11 Hz
Characteristic inner ring frequency, BRFI	14.89 Hz
Characteristic rolling element frequency, BSF	15.68 Hz