



Bearing No. 6411

D	140 mm
d	55 mm
B	33 mm
C	33 mm
f0	12.7
Bore	2.165 Inch 55 Millimeter
Noun	Bearing
Mass	2.29 kg
Da max	129 mm
UNSPSC	31171504
r min.	2,1 mm
rs min	2.1 mm
da min	66 mm
Weight	2,29 Kg
ra max	2 mm
Da max.	129 mm
ra max.	2 mm
da min.	66 mm
series:	64
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	55x140x33
Nlim (oil)	6,100 rpm
bore type:	Round
Width (mm)	33
Weight / LBS	5.064
maximum rpm:	6100 RPM

Nlim (grease)	5,200 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	50 mm
cage material:	Steel
fillet radius:	2.1 mm
overall width:	31 mm
Bearing number	6411
Dynamic load, C	89 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	54 kN
Manufacturer URL	http://www.snrbearings.com
Outer Race Width	1.299 Inch 33 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
Long Description	55MM Bore; 140MM Outside Diameter; 33MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
outer ring width:	31 mm
inner ring width:	31 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	130 mm
Weight / Kilogram	2.3

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	6100 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	55
Outer Diameter (mm)	140
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	5200 rpm
static load capacity:	54000 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	89000 N
Fatigue limit load, Cu	2.45 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	6 100 r/min
Manufacturer Item Number	6411
Internal Special Features	No
(Grease) Lubrication Speed	5 200 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	54 kN
Basic dynamic load rating (C)	89 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.37 Hz
Characteristic inner ring frequency, BPF1	4.38 Hz
Characteristic outer ring frequency, BPF0	2.62 Hz
Characteristic rolling element frequency, BSF	3.71 Hz