



Bearing No. 6415

D	190 mm
d	75 mm
B	45 mm
C	45 mm
f0	12.7
Bore	2.953 Inch 75 Millimeter
Noun	Bearing
Mass	5.72 kg
Da max	177 mm
UNSPSC	31171504
r min.	3 mm
rs min	3 mm
da min	88 mm
Weight	5,72 Kg
ra max	2.5 mm
Da max.	177 mm
ra max.	2,5 mm
da min.	88 mm
series:	64
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	75x190x45
Nlim (oil)	4,500 rpm
bore type:	Round
Width (mm)	45
Weight / LBS	12.6
maximum rpm:	4500 RPM

Nlim (grease)	3,800 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	75 mm
cage material:	Steel
fillet radius:	3 mm
overall width:	45 mm
Bearing number	6415
Dynamic load, C	138 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	99 kN
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	1.772 Inch 45 Millimeter
Long Description	75MM Bore; 190MM Outside Diameter; 45MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	7.48 Inch 190 Millimeter
outer ring width:	45 mm
inner ring width:	45 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	190 mm
Weight / Kilogram	5.72

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	4500 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	75
Outer Diameter (mm)	190
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	3800 rpm
static load capacity:	99000 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	138000 N
Fatigue limit load, Cu	3.9 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	4 500 r/min
Manufacturer Item Number	6415
Internal Special Features	No
(Grease) Lubrication Speed	3 800 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	99 kN
Basic dynamic load rating (C)	138 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	3.72 Hz