



NEI Manufacturing Bearing LTD.

75 mm x 190 mm x 45 mm NTN 6415 deep groove ball bearings



Bearing No. 6415

6415 Bearing 2D drawings and 3D CAD models

Size	75x190x45 mm
Bore Diameter	75 mm
Outer Diameter	190 mm
Width	45 mm
d	75 mm
D	190 mm
B	45 mm
C	45 mm
r min.	3 mm
da min.	88 mm
Da max.	177 mm
ra max.	2,5 mm
Weight	5,72 Kg
Basic dynamic load rating (C)	138 kN
Basic static load rating (C0)	99 kN
(Grease) Lubrication Speed	3 800 r/min
(Oil) Lubrication Speed	4 500 r/min
rs min	3 mm
Radial clearance class	CN
Mass	5.72 kg
Dynamic load, C	138 kN
Static load, C0	99 kN
Fatigue limit load, Cu	3.9 kN
f0	12.7
Nlim (oil)	4,500 rpm



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Nlim (grease)	3,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.37 Hz
Characteristic rolling element frequency, BSF	3.72 Hz
Characteristic outer ring frequency, BPF0	2.62 Hz
Characteristic inner ring frequency, BRFI	4.38 Hz
da min	88 mm
Da max	177 mm
ra max	2.5 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	5.72
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	75MM Bore; 190MM Outside Diameter; 45MM Outer Race Diameter;



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	Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6415
Weight / LBS	12.6
Outside Diameter	7.48 Inch 190 Millimeter
Bore	2.953 Inch 75 Millimeter
Outer Race Width	1.772 Inch 45 Millimeter
bore diameter:	75 mm
finish/coating:	Uncoated
outside diameter:	190 mm
bearing material:	High Carbon Chrome Steel
overall width:	45 mm
cage material:	Steel
bore type:	Round
inner ring width:	45 mm
closure type:	Open
outer ring width:	45 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	3800 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	4500 rpm
internal clearance:	CN
fillet radius:	3 mm
operating temperature range:	-40 to 120 ° C



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maximum rpm:	4500 RPM
dynamic load capacity:	138000 N
series:	64
static load capacity:	99000 N
manufacturer product page:	Click here
precision rating:	Class 0