



Bearing No. 6815

D	95 mm
d	75 mm
B	10 mm
C	10 mm
f0	16
Bore	2.953 Inch 75 Millimeter
Noun	Bearing
Mass	0.14 kg
Da max	91 mm
UNSPSC	31171504
r min.	0,6 mm
rs min	0.6 mm
da max	80 mm
da min	79 mm
Weight	0,145 Kg
ra max	0.6 mm
Da max.	91 mm
ra max.	0,6 mm
da min.	79 mm
series:	68
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	75x95x10
Nlim (oil)	7,600 rpm
bore type:	Round
Width (mm)	10
Weight / LBS	0.318

maximum rpm:	7600 RPM
Nlim (grease)	6,400 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:	0.6 mm
overall width:	10 mm
Bearing number	6815
Dynamic load, C	12.5 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	12.9 kN
Manufacturer URL	http://www.ntnamerica.com
Outer Race Width	0.394 Inch 10 Millimeter
Long Description	75MM Bore; 95MM Outside Diameter; 10MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	3.74 Inch 95 Millimeter
outer ring width:	10 mm
inner ring width:	10 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	95 mm

Weight / Kilogram	0.144
precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	7600 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	75
Outer Diameter (mm)	95
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	6400 rpm
static load capacity:	12900 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	12500 N
Fatigue limit load, Cu	0.59 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	7 600 r/min
Manufacturer Item Number	6815
Internal Special Features	No
(Grease) Lubrication Speed	6 400 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	12,9 kN
Basic dynamic load rating (C)	12,5 kN
Max operating temperature, Tmax	120 °C
Min operating	-20 °C

temperature, Tmin	
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.47 Hz
Characteristic inner ring frequency, BPF1	13.85 Hz
Characteristic outer ring frequency, BPF0	12.15 Hz
Characteristic rolling element frequency, BSF	15.23 Hz