



Bearing No. 6209

D	85 mm
d	45 mm
B	19 mm
C	19 mm
f0	14.1
Mass	0.4 kg
Noun	Bearing
Bore	1.772 Inch 45 Millimeter
UNSPSC	31171504
da min	51.5 mm
Weight	0,398 Kg
rs min	1.1 mm
Da max	78.5 mm
r min.	1,1 mm
ra max	1 mm
da max	55,5 mm
Da max.	78,5 mm
ra max.	1 mm
da min.	51,5 mm
Category	Single Row Ball Bearing
Size (mm)	45x85x19
Snap Ring	No
Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	9,200 rpm
Width (mm)	19
Weight / LBS	0.877
Product Group	B00308

Nlim (grease)	7,800 rpm
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	45 mm
Other Features	Deep Groove
overall width:	19 mm
cage material:	Steel
fillet radius:	1.1 mm
Bearing number	6209
Dynamic load, C	32.5 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Static load, C0	20.4 kN
Outside Diameter	3.346 Inch 85 Millimeter
Long Description	45MM Bore; 85MM Outside Diameter; 19MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Outer Race Width	0.748 Inch 19 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
bearing material:	High Carbon Chrome Steel
inner ring width:	19 mm

outside diameter:	85 mm
precision rating:	Class 0
Weight / Kilogram	0.401
Manufacturer Name	NTN
outer ring width:	19 mm
Internal Clearance	C0-Medium
maximum rpm (oil):	9200 rpm
Bore Diameter (mm)	45
Outer Diameter (mm)	85
snap ring included:	Without Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
maximum rpm (grease):	7800 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	20400 N
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	32500 N
Fatigue limit load, Cu	0.93 kN
(Oil) Lubrication Speed	9 200 r/min
Manufacturer Item Number	6209
Internal Special Features	No
(Grease) Lubrication Speed	7 800 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	32,5 kN
Basic static load rating (C0)	20,4 kN

Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	3.62 Hz
Characteristic inner ring frequency, BPF1	5.38 Hz
Characteristic rolling element frequency, BSF	4.92 Hz