



Bearing No. 6407

D	100 mm
d	35 mm
B	25 mm
C	25 mm
f0	12.3
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
Mass	0.95 kg
Da max	92 mm
UNSPSC	31171504
r min.	1,5 mm
rs min	1.5 mm
da min	43 mm
Weight	0,952 Kg
ra max	1.5 mm
Da max.	92 mm
ra max.	1,5 mm
da min.	43 mm
series:	64
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	35x100x25
Nlim (oil)	9,100 rpm
bore type:	Round
Width (mm)	25
Weight / LBS	2.093
maximum rpm:	9100 RPM

Nlim (grease)	7,800 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	35 mm
cage material:	Steel
fillet radius:	1.5 mm
overall width:	25 mm
Bearing number	6407
Dynamic load, C	55 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	31 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	3.937 Inch 100 Millimeter
Outer Race Width	0.984 Inch 25 Millimeter
Long Description	35MM Bore; 100MM Outside Diameter; 25MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
outer ring width:	25 mm
inner ring width:	25 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	100 mm
Weight / Kilogram	0.948

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	9100 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	35
Outer Diameter (mm)	100
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	7800 rpm
static load capacity:	31000 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	55000 N
Fatigue limit load, Cu	1.41 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	9 100 r/min
Manufacturer Item Number	6407
Internal Special Features	No
(Grease) Lubrication Speed	7 800 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	31 kN
Basic dynamic load rating (C)	55 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.36 Hz
Characteristic inner ring frequency, BPF1	4.45 Hz
Characteristic outer ring frequency, BPF0	2.55 Hz
Characteristic rolling element frequency, BSF	3.4 Hz