



Bearing No. 6410

D	130 mm
d	50 mm
B	31 mm
C	31 mm
f0	12.5
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
Mass	1.88 kg
Da max	119 mm
UNSPSC	31171504
r min.	2,1 mm
rs min	2.1 mm
da min	61 mm
Weight	1,88 Kg
ra max	2 mm
Da max.	119 mm
ra max.	2 mm
da min.	61 mm
series:	64
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	50x130x31
Nlim (oil)	6,700 rpm
bore type:	Round
Width (mm)	31
Weight / LBS	4.221
maximum rpm:	6700 RPM

Nlim (grease)	5,700 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	50 mm
cage material:	Steel
fillet radius:	2.1 mm
overall width:	31 mm
Bearing number	6410
Dynamic load, C	83 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	49.5 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	5.118 Inch 130 Millimeter
Long Description	50MM Bore; 130MM Outside Diameter; 31MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	1.22 Inch 31 Millimeter
outer ring width:	31 mm
inner ring width:	31 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	130 mm
Weight / Kilogram	1.92

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	6700 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	50
Outer Diameter (mm)	130
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	5700 rpm
static load capacity:	49500 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	83000 N
Fatigue limit load, Cu	2.25 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	6 700 r/min
Manufacturer Item Number	6410
Internal Special Features	No
(Grease) Lubrication Speed	5 700 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	49,5 kN
Basic dynamic load rating (C)	83 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	4.42 Hz
Characteristic outer ring frequency, BPF0	2.58 Hz
Characteristic rolling element frequency, BSF	3.54 Hz