



Bearing No. 6414

B	42 mm
C	42 mm
d	70 mm
D	180 mm
f0	12.7
Mass	4.83 kg
Noun	Bearing
Bore	2.756 Inch 70 Millimeter
r min.	3 mm
Weight	4,83 Kg
ra max	2.5 mm
Da max	167 mm
da min	83 mm
rs min	3 mm
UNSPSC	31171504
da min.	83 mm
ra max.	2,5 mm
Da max.	167 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Enclosure	Open
Size (mm)	70x180x42
bore type:	Round
Width (mm)	42
Nlim (oil)	4,800 rpm
Weight / LBS	11.094
Nlim (grease)	4,100 rpm
Product Group	B00308

closure type:	Open
Cage Material	Steel
Inch - Metric	Metric
fillet radius:	3 mm
Keyword String	Ball
cage material:	Steel
overall width:	42 mm
bore diameter:	70 mm
Bearing number	6414
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Dynamic load, C	128 kN
Static load, C0	89.5 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	70MM Bore; 180MM Outside Diameter; 42MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	1.654 Inch 42 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
outer ring width:	42 mm
inner ring width:	42 mm
Weight / Kilogram	5.024
precision rating:	Class 0
outside diameter:	180 mm
bearing material:	High Carbon Chrome Steel
Manufacturer Name	NTN

maximum rpm (oil):	4800 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	70
snap ring included:	Without Snap Ring
internal clearance:	CN
Outer Diameter (mm)	180
Minimum Buy Quantity	N/A
maximum rpm (grease):	4100 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	89500 N
Fatigue limit load, Cu	4.05 kN
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	128000 N
(Oil) Lubrication Speed	4 800 r/min
Manufacturer Item Number	6414
Internal Special Features	No
(Grease) Lubrication Speed	4 100 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	89,5 kN
Basic dynamic load rating (C)	128 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No

