



Bearing No. 6824

D	150 mm
d	120 mm
B	16 mm
C	16 mm
f0	16
Mass	0.56 kg
Bore	4.724 Inch 120 Millimeter
Noun	Bearing
Da max	145 mm
UNSPSC	31171504
rs min	1 mm
r min.	1 mm
da min	125 mm
Weight	0,555 Kg
ra max	1 mm
Da max.	145 mm
ra max.	1 mm
da min.	125 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	120x150x16
Snap Ring	No
Enclosure	Open
Nlim (oil)	4,700 rpm
Width (mm)	16
Product Group	B00308
Nlim (grease)	4,000 rpm
Inch - Metric	Metric
Cage Material	Steel

Keyword String	Ball
Other Features	Deep Groove
Bearing number	6824
Static load, C0	33 kN
Rolling Element	Ball Bearing
Dynamic load, C	28.9 kN
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
Long Description	120MM Bore; 150MM Outside Diameter; 16MM 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
Outside Diameter	5.906 Inch 150 Millimeter
Outer Race Width	0.63 Inch 16 Millimeter
Weight / Kilogram	0.555
Manufacturer Name	NTN
Internal Clearance	C0-Medium
Bore Diameter (mm)	120
Outer Diameter (mm)	150
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
Fatigue limit load, Cu	1.29 kN
(Oil) Lubrication Speed	4 700 r/min
Manufacturer Item Number	6824
Internal Special	No

Features	
(Grease) Lubrication Speed	4 000 r/min
Basic static load rating (C0)	33 kN
Basic dynamic load rating (C)	28,9 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.47 Hz
Characteristic inner ring frequency, BPF1	14.37 Hz
Characteristic outer ring frequency, BPF0	12.63 Hz
Characteristic rolling element frequency, BSF	15.4 Hz