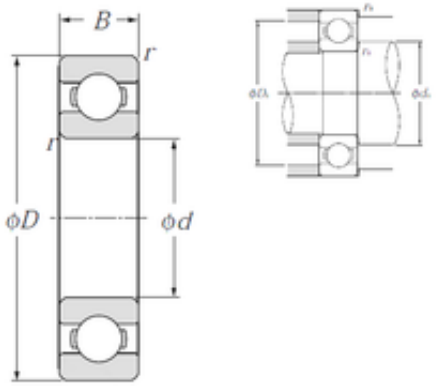
Loyal | 6964



Bearing No. 6964

D	440 mm
C	56 mm
B	56 mm
d	320 mm
f0	16.4
Noun	Bearing
Mass	24.8 kg
Bore	12.598 Inch | 320 Millimeter
r min.	3 mm
UNSPSC	31171504
Weight	24,8 Kg
ra max	2.5 mm
Da max	427 mm
da min	333 mm
rs min	3 mm
db min	333 mm
Da max.	427 mm
ra max.	2,5 mm
Category	Single Row Ball Bearing
Size (mm)	320x440x56
Inventory	0.0
Snap Ring	No
Enclosure	Open
Nlim (oil)	1,500 rpm
Width (mm)	56
Weight / LBS	55.865
Product Group	B00308
Nlim (grease)	1,300 rpm
Inch - Metric	Metric

Cage Material	Steel
Bearing number	6964
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	285 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 | ISO P0
Static load, C0	405 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	320MM Bore; 440MM Outside Diameter; 56MM 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
Inner Race Width	0 Inch | 0 Millimeter
Outside Diameter	17.323 Inch | 440 Millimeter
Outer Race Width	2.205 Inch | 56 Millimeter
Weight / Kilogram	25.363
Manufacturer Name	NTN
Bore Diameter (mm)	320
Internal Clearance	C0-Medium
Outer Diameter (mm)	440
Minimum Buy Quantity	N/A
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
Fatigue limit load, Cu	9.4 kN
(Oil) Lubrication Speed	1 500 r/min
Manufacturer Item	6964

Number	
Internal Special Features	No
(Grease) Lubrication Speed	1 300 r/min
Basic static load rating (C0)	405 kN
Basic dynamic load rating (C)	285 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.45 Hz
Characteristic outer ring frequency, BPF0	7.65 Hz
Characteristic inner ring frequency, BPFI	9.35 Hz
Characteristic rolling element frequency, BSF	9.87 Hz