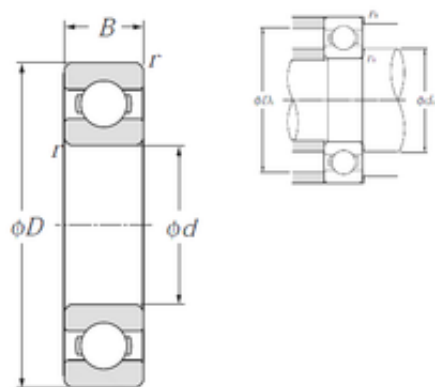




Bearing No. 6960

D	420 mm
C	56 mm
B	56 mm
d	300 mm
f0	16.2
Noun	Bearing
Mass	23.5 kg
Bore	11.811 Inch 300 Millimeter
r min.	3 mm
UNSPSC	31171504
Weight	23,5 Kg
ra max	2.5 mm
Da max	407 mm
da min	313 mm
rs min	3 mm
db min	313 mm
Da max.	407 mm
ra max.	2,5 mm
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	300x420x56
Enclosure	Open
Nlim (oil)	1,600 rpm
Width (mm)	56
Weight / LBS	52.911
Product Group	B00308
Nlim (grease)	1,400 rpm
Inch - Metric	Metric

Cage Material	Steel
Bearing number	6960
Keyword String	Ball
Other Features	Deep Groove
Dynamic load, C	276 kN
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	375 kN
Manufacturer URL	http://www.ntnamerica.com
Long Description	300MM Bore; 420MM 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
Outer Race Width	2.205 Inch 56 Millimeter
Outside Diameter	16.535 Inch 420 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	24
Manufacturer Name	NTN
Bore Diameter (mm)	300
Internal Clearance	C0-Medium
Outer Diameter (mm)	420
Minimum Buy Quantity	N/A
Fatigue limit load, Cu	9 kN
Harmonized Tariff Code	8482.10.50.68
Radial clearance class	CN
(Oil) Lubrication Speed	1 600 r/min
Internal Special	No

Features	
(Grease) Lubrication Speed	1 400 r/min
Basic dynamic load rating (C)	276 kN
Basic static load rating (C0)	375 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPFI	8.85 Hz
Characteristic outer ring frequency, BPF0	7.15 Hz
Characteristic rolling element frequency, BSF	9.34 Hz