



Bearing No. 6828

B	18 mm
C	18 mm
d	140 mm
D	175 mm
f0	16
Bore	5.512 Inch 140 Millimeter
Noun	Bearing
Mass	0.85 kg
Da max	168.5 mm
r min.	1,1 mm
ra max	1 mm
Weight	0,85 Kg
da min	146.5 mm
UNSPSC	31171504
rs min	1.1 mm
Da max.	168,5 mm
ra max.	1 mm
da min.	146,5 mm
Category	Single Row Ball Bearing
Size (mm)	140x175x18
Snap Ring	No
Enclosure	Open
Inventory	0.0
bore type:	Round
Nlim (oil)	4,000 rpm
Width (mm)	18
Weight / LBS	1.825
Product Group	B00308
Nlim (grease)	3,400 rpm

Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	140 mm
Other Features	Deep Groove
overall width:	18 mm
cage material:	Steel
fillet radius:	1.1 mm
Bearing number	6828
Dynamic load, C	38.5 kN
Precision Class	ABEC 1 ISO P0
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Static load, C0	44.5 kN
Outside Diameter	6.89 Inch 175 Millimeter
Long Description	140MM Bore; 175MM Outside Diameter; 18MM 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	0.709 Inch 18 Millimeter
Manufacturer URL	http://www.ntnamerica.com
Inner Race Width	0 Inch 0 Millimeter
bearing material:	High Carbon Chrome Steel
inner ring width:	18 mm
outside diameter:	175 mm

precision rating:	Class 0
Weight / Kilogram	0.829
Manufacturer Name	NTN
outer ring width:	18 mm
Internal Clearance	C0-Medium
maximum rpm (oil):	4000 rpm
Bore Diameter (mm)	140
Outer Diameter (mm)	175
snap ring included:	Without Snap Ring
internal clearance:	CN
Minimum Buy Quantity	N/A
maximum rpm (grease):	3400 rpm
row type & fill slot:	Single Row Non-Fill Slot
static load capacity:	44500 N
Radial clearance class	CN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	38500 N
Fatigue limit load, Cu	1.61 kN
(Oil) Lubrication Speed	4 000 r/min
Manufacturer Item Number	6828
Internal Special Features	No
(Grease) Lubrication Speed	3 400 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic dynamic load rating (C)	38,5 kN
Basic static load rating (C0)	44,5 kN
Min operating temperature, Tmin	-20 °C

Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.47 Hz
Characteristic outer ring frequency, BPF0	12.15 Hz
Characteristic inner ring frequency, BRFI	13.85 Hz
Characteristic rolling element frequency, BSF	15.2 Hz