



Bearing No. 6312NR

b	3.1 mm
d	60 mm
D	130 mm
B	31 mm
C	31 mm
a	4.06 mm
f	2.82 mm
r1	0.5 mm
D1	125.22 mm
D2	139.7 mm
Noun	Bearing
Bore	2.362 Inch 60 Millimeter
Width	31 mm
Weight	1.70 Kg
r min.	2.1 mm
UNSPSC	31171504
a (max)	4.1 mm
r1 min.	0.5 mm
b (min)	3.1 mm
D1 (max)	125.2 mm
Cy (max)	6.5 mm
Da (max)	118 mm
Category	Single Row Ball Bearing
da (min)	72 mm
Dx (min)	141.5 mm
ra (max)	2 mm
Inventory	0.0
Factor fo	13.2
Enclosure	Open

Bore Size	60 mm
Snap Ring	Yes
Bore Type	Cylindrical Bore
Size (mm)	60x130x31
Width (mm)	31
Configuration	Single Row
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
Other Features	Deep Groove With Snap Ring
Bearing number	6312NR
Keyword String	Ball
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Snap Ring Width	2.8 mm
Inner Race Width	0 Inch 0 Millimeter
Long Description	60MM Bore; 130MM Outside Diameter; 31MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Radial Clearance	0.008 to 0.028 mm
Outside Diameter	5.118 Inch 130 Millimeter
Outer Race Width	1.22 Inch 31 Millimeter
Manufacturer URL	http://www.nachiamerica.com
Manufacturer Name	NACHI
Weight / Kilogram	1.703
Bore Diameter (mm)	60

Internal Clearance	C0-Medium
Static Load Rating	52,000 N
Outer Diameter (mm)	130
Dynamic Load Rating	82,000 N
Limiting Speed - Oil	6,300 rpm
Minimum Buy Quantity	N/A
Fillet Radius/Chamfer	2.1 mm
Harmonized Tariff Code	8482.10.50.68
Limiting Speed - Grease	5,400 rpm
Internal Special Features	No
(Grease) Lubrication Speed	5100 r/min
Snap Ring Outside Diameter	139.7 mm
Basic static load rating (C0)	52 kN
Basic dynamic load rating (C)	82 kN
Maximum Capacity / Filling Slot	No