



**Bearing No. 6307ZENR**

b	1.9 mm
d	35 mm
D	80 mm
B	21 mm
C	21 mm
a	3.28 mm
f	1.6 mm
r1	0.5 mm
D1	76.81 mm
D2	86.6 mm
Noun	Bearing
Bore	1.378 Inch   35 Millimeter
Width	21 mm
Weight	0.457 Kg
r min.	1.5 mm
UNSPSC	31171504
a (max)	3.3 mm
r1 min.	0.5 mm
b (min)	1.9 mm
D1 (max)	76.8 mm
Cy (max)	4.6 mm
Da (max)	71 mm
Category	Single Row Ball Bearing
da (min)	44 mm
Dx (min)	88 mm
ra (max)	1.5 mm
Inventory	0.0
Factor fo	13.2
Enclosure	1 Metal Shield

Bore Size	35 mm
Snap Ring	Yes
Bore Type	Cylindrical Bore
Size (mm)	35x80x21
Width (mm)	21
Configuration	Single Row
Inch - Metric	Metric
Product Group	B00308
Cage Material	Steel
Other Features	Deep Groove   With Snap Ring
Bearing number	6307ZENR
Keyword String	Ball
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Snap Ring Width	1.6 mm
Inner Race Width	0 Inch   0 Millimeter
Long Description	35MM Bore; 80MM Outside Diameter; 21MM Outer Race Width; 1 Metal Shield; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; Yes Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stee
Radial Clearance	0.006 to 0.020 mm
Outer Race Width	0.827 Inch   21 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Manufacturer URL	<a href="http://www.nachiamerica.com">http://www.nachiamerica.com</a>
Manufacturer Name	NACHI
Weight / Kilogram	0
Bore Diameter (mm)	35

Internal Clearance	C0-Medium
Static Load Rating	19,100 N
Outer Diameter (mm)	80
Dynamic Load Rating	33,500 N
Limiting Speed - Oil	10,000 rpm
Minimum Buy Quantity	N/A
Fillet Radius/Chamfer	1.5 mm
Harmonized Tariff Code	8482.10.50.68
Limiting Speed - Grease	8,800 rpm
Internal Special Features	No
(Grease) Lubrication Speed	8400 r/min
Snap Ring Outside Diameter	86.6 mm
Basic static load rating (C0)	19,1 kN
Basic dynamic load rating (C)	33,5 kN
Maximum Capacity / Filling Slot	No