



## BEARING USA CORP.



### 35 mm x 80 mm x 21 mm 11.5094mm Chrome Steel Balls G10

Bearing No. 6307

6307 Bearing 2D drawings and 3D CAD models

Size	35x80x21 mm
Bore Diameter	35 mm
Outer Diameter	80 mm
Width	21 mm
d	35 mm
D	80 mm
B	21 mm
C	21 mm
r min.	1.5 mm
da min.	44 mm
Da max.	71 mm
ra max.	1.5 mm
Weight	0.457 Kg
Basic dynamic load rating (C)	33,5 kN
Basic static load rating (C0)	19,2 kN
(Grease) Lubrication Speed	8400 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight / Kilogram	3.02
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling	No



## BEARING USA CORP.

Slot	
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	35MM Bore; 80MM Outside Diameter; 21MM 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
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.nachiamerica.com">http://www.nachiamerica.com</a>
Outside Diameter	3.15 Inch   80 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	1.378 Inch   35 Millimeter
Outer Race Width	0.827 Inch   21 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	35 mm
Width	21 mm
Fillet Radius/Chamfer	1.5 mm
Dynamic Load Rating	33,500 N
Static Load Rating	19,200 N



## BEARING USA CORP.

Limiting Speed - Grease	8,800 rpm
Limiting Speed - Oil	10,000 rpm
Factor $f_0$	13.2
Radial Clearance	0.006 to 0.020 mm
$d_a$ (min)	44 mm
$D_a$ (max)	71 mm
$r_a$ (max)	1.5 mm