



# BEARING USA CORP.



## 40 mm x 80 mm x 18 mm 7310 Full Ceramic Zirconia/Silicon Nitride Ball Bearing

Bearing No. 6208

6208 Bearing 2D drawings and 3D CAD models

Size	40x80x18 mm
Bore Diameter	40 mm
Outer Diameter	80 mm
Width	18 mm
d	40 mm
D	80 mm
B	18 mm
C	18 mm
d1	52,6 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
D1	67,4 mm
D2	69,8 mm
da min.	47 mm
Da max.	73 mm
rc max.	1 mm
Weight	0,37 Kg
Basic dynamic load rating (C)	32,5 kN
Basic static load rating (C0)	19 kN
Fatigue load limit (Pu)	0,8
Reference speed	18000 r/min
Limiting speed	11000 r/min
Calculation factor (f0)	14
Category	Single Row Ball Bearings
Inventory	7.0



## BEARING USA CORP.

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.367
EAN	7316577086297
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	40MM Bore; 80MM Outside Diameter; 18MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
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.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6208
Weight / LBS	0.81
Outer Race Width	0.709 Inch   18 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Bore	1.575 Inch   40 Millimeter
d <sub>1</sub>	52.6 mm



## BEARING USA CORP.

$D_2$	69.8 mm
$r_{1,2}$ min.	1.1 mm
$d_a$ min.	47 mm
$D_a$ max.	73 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	32.5 kN
Basic static load rating $C_0$	19 kN
Fatigue load limit $P_u$	0.8 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	13.8
Mass bearing	0.36 kg