



# AMERICAN Timken BEARING MFG.CORP.



OEM Service SKF Distributor Supply Auto Parts  
 Engine Bearing Wheel Ball Bearing Spare Parts  
 6208 6216 6318 Deep Groove 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



## AMERICAN Timken BEARING MFG.CORP.

Inventory	7.0
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



## AMERICAN Timken BEARING MFG.CORP.

$d_1$	52.6 mm
$D_2$	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