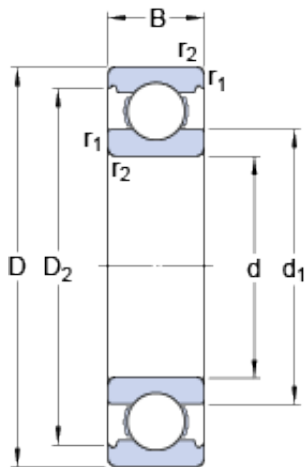




## BEARING USA CORP.



40 mm x 90 mm x 23 mm 28BWD01A Bearing  
28 × 61 × 42mm

Bearing No. 6308

6308 Bearing 2D drawings and 3D CAD models

Size	90x40x23 mm
Bore Diameter	90 mm
Outer Diameter	40 mm
Width	23 mm
d	40 mm
D	90 mm
B	23 mm
d <sub>1</sub>	56.11 mm
D <sub>2</sub>	77.7 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	49 mm
D <sub>a</sub> - max.	81 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	42.3 kN
Basic static load rating - C <sub>0</sub>	24 kN
Fatigue load limit - P <sub>u</sub>	1 kN
Reference speed	17000 r/min
Limiting speed	11000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.2
Category	Single Row Ball Bearings
Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## BEARING USA CORP.

Weight / Kilogram	0.631
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; 90MM Outside Diameter; 23MM 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	6308
Weight / LBS	1.39
Outer Race Width	0.906 Inch   23 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Bore	1.575 Inch   40 Millimeter
d <sub>1</sub>	56.11 mm
D <sub>2</sub>	77.7 mm
r <sub>1,2</sub> min.	1.5 mm
d <sub>a</sub> min.	49 mm



## BEARING USA CORP.

$D_a$ max.	81 mm
$r_a$ max.	1.5 mm
Basic dynamic load rating C	42.3 kN
Basic static load rating $C_0$	24 kN
Fatigue load limit $P_u$	1.02 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.2
Mass bearing	0.63 kg