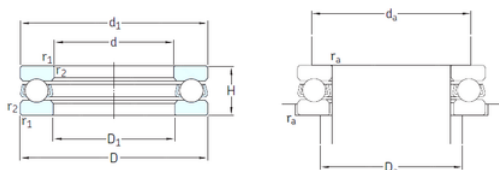




# BEARING USA CORP.

## SKF 51208 thrust ball bearings



Bearing No. 51208

Size	40x68x19 mm
Bore Diameter	40 mm
Outer Diameter	68 mm
Width	19 mm
d	40 mm
D	68 mm
H	19 mm
d1	68 mm
r1 min.	1 mm
r2 min.	1 mm
D1	42 mm
da min.	57 mm
Da max.	51 mm
ra max.	1 mm
Weight	0,28 Kg
Basic dynamic load rating (C)	44,2 kN
Basic static load rating (C0)	96,5 kN
Fatigue load limit (Pu)	3,6
Reference speed	3800 r/min
Limiting speed	5300 r/min
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.28
EAN	7316577057983

51208 Bearing 2D drawings and 3D CAD models



## BEARING USA CORP.

Product Group	B00308
Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row
Long Description	40MM Bore 1; 42MM Bore 2; 68MM Outside Diameter; 19MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1   ISO P0 Precision
Inch - Metric	Metric
Category	Thrust Ball Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	51208
Weight / LBS	0.616
Bore 2	1.654 Inch   42 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 1	1.575 Inch   40 Millimeter
Height	0.748 Inch   19 Millimeter
Outside Diameter	2.677 Inch   68 Millimeter
bore diameter:	40 mm
static load capacity:	96.5 kN
outside diameter:	68 mm



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dynamic load capacity:	44.2 kN
overall width:	19 mm
maximum rpm:	5300 RPM
thrust bearing type:	Single-Direction
cage material:	Steel
outside diameter design:	Straight
fillet radius:	1 mm
separable or banded:	Separable
series:	512
precision rating:	ABEC 1 (ISO Class Normal)
$d_1$	68 mm
$D_1$	42 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	57 mm
$D_a$ max.	51 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	44.2 kN
Basic static load rating $C_0$	96.5 kN
Fatigue load limit $P_u$	3.6 kN
Minimum load factor A	0.058
Mass bearing (including seat washer where applicable)	0.28 kg