



BEARING FORGE OF AMERICA CORP.



40 mm x 62 mm x 12 mm skf 61908 bearing

Bearing No. 61908

Size	40x62x12 mm
Bore Diameter	40 mm
Outer Diameter	62 mm
Width	12 mm
d	40 mm
D	62 mm
B	12 mm
C	12 mm
d1	46,9 mm
r1 min.	0,6 mm
r2 min.	0,6 mm
D1	55,1 mm
D2	– mm
da min.	43,2 mm
Da max.	58,8 mm
rc max.	0,6 mm
Weight	0,12 Kg
Basic dynamic load rating (C)	13,8 kN
Basic static load rating (C0)	10 kN
Fatigue load limit (Pu)	0,425
Reference speed	24000 r/min
Limiting speed	14000 r/min
Calculation factor (f0)	16
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF

61908 Bearing 2D drawings and 3D CAD models



BEARING FORGE OF AMERICA CORP.

Minimum Buy Quantity	N/A
Weight / Kilogram	0.12
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; 62MM Outside Diameter; 12MM 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	http://www.skf.com
Manufacturer Item Number	61908
Weight / LBS	0.27
Outer Race Width	0.472 Inch 12 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
Bore	1.575 Inch 40 Millimeter
bore diameter:	40 mm
static load capacity:	10 kN
outside diameter:	62 mm



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precision rating:	Not Rated
overall width:	12 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	12 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.6 mm
snap ring included:	Without Snap Ring
maximum rpm:	14000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	13.8 kN
d_1	46.9 mm
D_1	55.55 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	43.2 mm
D_a max.	58.8 mm
r_a max.	0.6 mm
Basic dynamic load rating C	13.8 kN
Basic static load rating C_0	10 kN
Fatigue load limit P_u	0.425 kN
Calculation factor k_r	0.02
Calculation factor f_0	15.6
Mass bearing	0.12 kg