



BEARING FORGE OF AMERICA CORP.



45 mm x 68 mm x 12 mm skf 61909 bearing

Bearing No. 61909

Size	68x45x12 mm
Bore Diameter	68 mm
Outer Diameter	45 mm
Width	12 mm
d	45 mm
D	68 mm
B	12 mm
d ₁	52.4 mm
D ₁	60.6 mm
r _{1,2} - min.	0.6 mm
d _a - min.	48.2 mm
D _a - max.	64.8 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	14 kN
Basic static load rating - C ₀	10.8 kN
Fatigue load limit - P _u	0.465 kN
Reference speed	20000 r/min
Limiting speed	13000 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	15.9
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.15

61909 Bearing 2D drawings and 3D CAD models



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EAN	7316577121981
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	45MM Bore; 68MM 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	61909
Weight / LBS	0.32
Bore	1.772 Inch 45 Millimeter
Outer Race Width	0.472 Inch 12 Millimeter
Outside Diameter	2.677 Inch 68 Millimeter
bore diameter:	45 mm
static load capacity:	10.8 kN
outside diameter:	68 mm
precision rating:	Not Rated



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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:	13000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	14 kN
d_1	52.4 mm
D_1	61.2 mm
$r_{1,2}$ min.	0.6 mm
d_a min.	48.2 mm
D_a max.	64.8 mm
r_a max.	0.6 mm
Basic dynamic load rating C	14 kN
Basic static load rating C_0	10.8 kN
Fatigue load limit P_u	0.465 kN
Calculation factor k_r	0.02
Calculation factor f_0	15.9
Mass bearing	0.14 kg