



AMERICAN BEARING MFG.CORP.



60 mm x 85 mm x 13 mm SKF 61912 deep groove ball bearings

Bearing No. 61912

61912 Bearing 2D drawings and 3D CAD models

Size	85x60x13 mm
Bore Diameter	85 mm
Outer Diameter	60 mm
Width	13 mm
d	60 mm
D	85 mm
B	13 mm
d ₁	68.3 mm
D ₂	78.7 mm
r _{1,2} - min.	1 mm
d _a - min.	64.6 mm
D _a - max.	80.4 mm
r _a - max.	1 mm
Basic dynamic load rating - C	16.5 kN
Basic static load rating - C ₀	12 kN
Fatigue load limit - P _u	0.6 kN
Reference speed	16000 r/min
Limiting speed	10000 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	13.9
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.22
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	60MM Bore; 85MM Outside Diameter; 13MM 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	61912
Weight / LBS	0.48
Outside Diameter	3.346 Inch 85 Millimeter
Outer Race Width	0.512 Inch 13 Millimeter
Bore	2.362 Inch 60 Millimeter
bore diameter:	60 mm
static load capacity:	14.3 kN
outside diameter:	85 mm
precision rating:	Not Rated



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overall width:	13 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	13 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	10000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	16.5 kN
d_1	68.3 mm
D_2	78.7 mm
$r_{1,2}$ min.	1 mm
d_a min.	64.6 mm
D_a max.	80.4 mm
r_a max.	1 mm
Basic dynamic load rating C	16.5 kN
Basic static load rating C_0	12 kN
Fatigue load limit P_u	0.6 kN
Calculation factor k_r	0.02
Calculation factor f_0	13.9
Mass bearing	0.2 kg