



BEARING CORP.OF AMERICA



8 mm x 16 mm x 4 mm SKF W 618/8 deep groove ball bearings

Bearing No. W 618/8

W 618/8 Bearing 2D drawings and 3D CAD models

Size	16x8x4 mm
Bore Diameter	16 mm
Outer Diameter	8 mm
Width	4 mm
d	8 mm
D	16 mm
B	4 mm
d ₁	10.5 mm
D ₁	13.5 mm
r _{1,2} - min.	0.2 mm
d _a - min.	9.6 mm
D _a - max.	14.4 mm
r _a - max.	0.2 mm
Basic dynamic load rating - C	0.715 kN
Basic static load rating - C ₀	0.3 kN
Fatigue load limit - P _u	0.012 kN
Reference speed	90000 r/min
Limiting speed	56000 r/min
Calculation factor - k _r	0.02
Calculation factor - f ₀	7.5
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.003
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	Stainless Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	8MM Bore; 16MM Outside Diameter; 4MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stainless Steel C
Other Features	Deep Groove
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
Weight / LBS	0.0071
Outside Diameter	0.63 Inch 16 Millimeter
Outer Race Width	0.157 Inch 4 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Bore	0.315 Inch 8 Millimeter
d ₁	10.5 mm
D ₁	13.5 mm
r _{1,2} min.	0.2 mm



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d_a min.	9.6 mm
D_a max.	14.4 mm
r_a max.	0.2 mm
Basic dynamic load rating C	0.715 kN
Basic static load rating C_0	0.3 kN
Fatigue load limit P_u	0.012 kN
Calculation factor k_r	0.02
Calculation factor f_0	7.5
Mass bearing	0.0031 kg