



NTN BEARING CORP.OF America LTD.



40 mm x 90 mm x 23 mm SKF 6308 Bearing

Bearing No. 6308

6308 Bearing 2D drawings and 3D CAD models

Size	90x40x23 mm
Bore Diameter	90 mm
Outer Diameter	40 mm
Width	23 mm
d	40 mm
D	90 mm
B	23 mm
d ₁	56.11 mm
D ₂	77.7 mm
r _{1,2} - min.	1.5 mm
d _a - min.	49 mm
D _a - max.	81 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	42.3 kN
Basic static load rating - C ₀	24 kN
Fatigue load limit - P _u	1 kN
Reference speed	17000 r/min
Limiting speed	11000 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.2
Category	Single Row Ball Bearings
Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.631



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EAN	7316577738905
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; 90MM Outside Diameter; 23MM 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	6308
Weight / LBS	1.39
Outer Race Width	0.906 Inch 23 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Bore	1.575 Inch 40 Millimeter
d ₁	56.11 mm
D ₂	77.7 mm
r _{1,2} min.	1.5 mm
d _a min.	49 mm



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D_a max.	81 mm
r_a max.	1.5 mm
Basic dynamic load rating C	42.3 kN
Basic static load rating C_0	24 kN
Fatigue load limit P_u	1.02 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Mass bearing	0.63 kg