



BEARING MFG. CORP.



6308 Bearing 2D drawings and 3D CAD models

SKF High Precision Deep Groove Ball Bearing 6308

Bearing No. 6308

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



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Weight / Kilogram	0.631
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



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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	1.02 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Mass bearing	0.63 kg