



Baochen Machinery Technology Co., Ltd



40 mm x 90 mm x 23 mm SKF 6308-2Z deep groove ball bearings

Bearing No. 6308-2Z

6308-2Z Bearing 2D drawings and 3D CAD models

Size	40x90x23 mm
Bore Diameter	40 mm
Outer Diameter	90 mm
Width	23 mm
d	40 mm
D	90 mm
B	23 mm
C	23 mm
d1	56,1 mm
d2	– mm
r1 min.	49 mm
r2 min.	49 mm
D1	77,7 mm
D2	1,5 mm
da min.	56 mm
Da max.	81 mm
ra max.	1,5 mm
Weight	0,65 Kg
Basic dynamic load rating (C)	42,3 kN
Basic static load rating (C0)	24 kN
Fatigue load limit (Pu)	1,02
Reference speed	17000 r/min
Limiting speed	8500 r/min
Calculation factor (f0)	13
Category	Single Row Ball Bearings



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Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.65
Product Group	B00308
Enclosure	2 Metal Shields
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; 2 Metal Shields; 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	6308-2Z
Weight / LBS	1.44
Outside Diameter	3.543 Inch 90 Millimeter
Outer Race Width	0.906 Inch 23 Millimeter
Bore	1.575 Inch 40 Millimeter
d ₁	56.11 mm



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D_2	77.7 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	49 mm
d_a max.	56 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	0.65 kg