



Bearing No. 6308

D	90 mm
d	40 mm
B	23 mm
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	2.0
Enclosure	Open
Size (mm)	90x40x23
Snap Ring	No
Width (mm)	23
Mass bearing	0.63 kg
Weight / LBS	1.39
Inch - Metric	Metric
Cage Material	Steel
D ₂	77.7 mm
d ₁	56.11 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6308
Limiting speed	11000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	17000 r/min
Manufacturer URL	http://www.skf.com
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
Outer Race Width	0.906 Inch 23 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Weight / Kilogram	0.631
Manufacturer Name	SKF
D _a max.	81 mm
r _a max.	1.5 mm
Bore Diameter (mm)	90
Internal Clearance	C0-Medium
d _a min.	49 mm
Outer Diameter (mm)	40
r _{1,2} min.	1.5 mm
r _a - max.	1.5 mm
d _a - min.	49 mm
D _a - max.	81 mm
Minimum Buy Quantity	N/A
d ₁ ?	56.11 mm
D ₂ ?	77.7 mm
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	1.5 mm
Manufacturer Item Number	6308
Internal Special Features	No
Basic dynamic load rating C	42.3 kN
Basic dynamic load rating - C	42.3 kN
Maximum Capacity / Filling Slot	No

Fatigue load limit P_u	1.02 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.2
Calculation factor - k_r	0.03
Fatigue load limit - P_u	1 kN
Calculation factor - f_0	13.2
Basic static load rating C_0	24 kN
Basic static load rating - C_0	24 kN