



**Bearing No. 6308-2RS1**

C	23 mm
d	40 mm
D	90 mm
B	23 mm
d2	– mm
D2	1,5 mm
D1	77,7 mm
d1	56,1 mm
Noun	Bearing
Bore	1.575 Inch   40 Millimeter
UNSPSC	31171504
Weight	0,65 Kg
r1 min.	49 mm
r2 min.	49 mm
Da max.	81 mm
ra max.	1,5 mm
da min.	56 mm
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	40x90x23
Inventory	0.0
Enclosure	2 Seals
Width (mm)	23
Weight / LBS	1.43
Mass bearing	0.65 kg
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Enclosure Type	Contact Seal

Keyword String	Ball
Bearing number	6308-2RS1
Limiting speed	5000 r/min
Precision Class	ABEC 1   ISO P0
Reference speed	– r/min
Rolling Element	Ball Bearing
Outer Race Width	0.906 Inch   23 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	40MM Bore; 90MM Outside Diameter; 23MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.65
Manufacturer Name	SKF
Internal Clearance	C0-Medium
$r_a$ max.	1.5 mm
$D_a$ max.	81 mm
$d_a$ max.	56 mm
$d_a$ min.	49 mm
Bore Diameter (mm)	40
Outer Diameter (mm)	90
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.5 mm
$D_2$ ?	77.7 mm
$d_1$ ?	56.11 mm
Harmonized Tariff Code	8482.10.50.68
Calculation factor (f0)	13
Fatigue load limit (Pu)	1,02

Manufacturer Item Number	6308-2RS1
Internal Special Features	No
Basic dynamic load rating C	42.3 kN
Basic dynamic load rating (C)	42,3 kN
Basic static load rating (C <sub>0</sub> )	24 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P <sub>u</sub>	1.02 kN
Calculation factor k <sub>r</sub>	0.03
Calculation factor f <sub>0</sub>	13.2
Basic static load rating C <sub>0</sub>	24 kN