



### Bearing No. 6308-2RZ

D	90 mm
d	40 mm
B	23 mm
Noun	Bearing
Bore	1.575 Inch   40 Millimeter
UNSPSC	31171504
Category	Single Row Ball Bearing
Enclosure	2 Seals
Size (mm)	90x40x23
Snap Ring	No
Inventory	0.0
Width (mm)	23
Weight / LBS	1.411
Mass bearing	0.65 kg
D <sub>2</sub>	77.7 mm
Inch - Metric	Metric
Cage Material	Steel
d <sub>1</sub>	56.11 mm
Product Group	B00308
Keyword String	Ball
Other Features	Deep Groove   NBR Seal
Enclosure Type	Non-Contact Seal
Bearing number	6308-2RZ
Limiting speed	8500 r/min
Rolling Element	Ball Bearing
Reference speed	17000 r/min
Precision Class	ABEC 1   ISO P0
Outer Race Width	0.906 Inch   23 Millimeter

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	40MM Bore; 90MM Outside Diameter; 23MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Inner Race Width	0 Inch   0 Millimeter
Outside Diameter	3.543 Inch   90 Millimeter
Weight / Kilogram	0
Manufacturer Name	SKF
d <sub>a</sub> max.	56 mm
d <sub>a</sub> min.	49 mm
Bore Diameter (mm)	90
Internal Clearance	C0-Medium
r <sub>a</sub> max.	1.5 mm
D <sub>a</sub> max.	81 mm
Outer Diameter (mm)	40
D <sub>a</sub> - max.	81 mm
r <sub>a</sub> - max.	1.5 mm
d <sub>a</sub> - min.	49 mm
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	1.5 mm
d <sub>a</sub> - max.	56 mm
d <sub>1</sub> ?	56.11 mm
D <sub>2</sub> ?	77.7 mm
r <sub>1,2</sub> - min.	1.5 mm
Harmonized Tariff Code	8482.10.50.68
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
Fatigue load limit - $P_u$	1 kN
Calculation factor - $k_r$	0.03
Calculation factor - $f_0$	13.2
Basic static load rating $C_0$	24 kN
Basic static load rating - $C_0$	24 kN