



**Bearing No. W 6209-2Z**

D	85 mm
d	45 mm
B	19 mm
Bore	1.772 Inch   45 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	2 Metal Shields
Size (mm)	85x45x19
Snap Ring	No
Width (mm)	19
Mass bearing	0.39 kg
Weight / LBS	0.8642
Inch - Metric	Metric
Cage Material	Stainless Steel
D <sub>2</sub>	76.35 mm
d <sub>2</sub>	53.5 mm
Product Group	B00308
Other Features	Deep Groove
Keyword String	Ball
Bearing number	W 6209-2Z
Limiting speed	9000 r/min
Rolling Element	Ball Bearing
Reference speed	18000 r/min
Precision Class	ABEC 1   ISO P0
Outside Diameter	3.346 Inch   85 Millimeter
Outer Race Width	0.748 Inch   19 Millimeter

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	45MM Bore; 85MM Outside Diameter; 19MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Stai
Inner Race Width	0 Inch   0 Millimeter
Weight / Kilogram	0
Manufacturer Name	SKF
D <sub>a</sub> max.	78.5 mm
Bore Diameter (mm)	85
d <sub>a</sub> max.	53.5 mm
Internal Clearance	C0-Medium
r <sub>a</sub> max.	1 mm
d <sub>a</sub> min.	51.5 mm
Outer Diameter (mm)	45
r <sub>a</sub> - max.	1 mm
D <sub>a</sub> - max.	78.5 mm
d <sub>a</sub> - min.	51.5 mm
Minimum Buy Quantity	N/A
r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> - max.	53.5 mm
D <sub>2</sub> ?	76.35 mm
d <sub>2</sub> ?	53.5 mm
r <sub>1,2</sub> - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.68
Internal Special Features	No
Basic dynamic load rating C	28.1 kN

Basic dynamic load rating - C	28.1 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.865 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	14.1
Calculation factor - $k_r$	0.03
Fatigue load limit - $P_u$	0.865 kN
Calculation factor - $f_0$	14.1
Basic static load rating $C_0$	20.4 kN
Basic static load rating - $C_0$	20.4 kN