



Bearing No. W 6209-2RS1

D	85 mm
d	45 mm
B	19 mm
Bore	1.772 Inch 45 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	85x45x19
Enclosure	2 Seals
Inventory	0.0
Width (mm)	19
Weight / LBS	0.907
Mass bearing	0.39 kg
Product Group	B00308
d ₂	53.5 mm
D ₂	76.35 mm
Inch - Metric	Metric
Cage Material	Stainless Steel
Bearing number	W 6209-2RS1
Keyword String	Ball
Enclosure Type	Contact Seal
Other Features	Deep Groove NBR Seal
Limiting speed	5000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Long Description	45MM Bore; 85MM Outside Diameter;

	19MM 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; Stainless St
Outer Race Width	0.748 Inch 19 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	3.346 Inch 85 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0
r _a max.	1 mm
Internal Clearance	C0-Medium
D _a max.	78.5 mm
d _a max.	53.5 mm
d _a min.	51.5 mm
Bore Diameter (mm)	85
Outer Diameter (mm)	45
r _a - max.	1 mm
r _{1,2} min.	1.1 mm
d _a - max.	53.5 mm
D _a - max.	78.5 mm
d _a - min.	51.5 mm
Minimum Buy Quantity	N/A
d ₂ ?	53.5 mm
D ₂ ?	76.35 mm
r _{1,2} - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	W 6209-2RS1
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
Fatigue load limit - P_u	0.865 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	14.1
Basic static load rating C_0	20.4 kN
Basic static load rating - C_0	20.4 kN