



Bearing No. 6209-RS1

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	1 Seal
Size (mm)	85x45x19
Snap Ring	No
Width (mm)	19
Mass bearing	0.42 kg
Weight / LBS	0.93
Inch - Metric	Metric
Cage Material	Steel
D ₂	75.19 mm
d ₁	57.6 mm
Product Group	B00308
Enclosure Type	Contact Seal
Keyword String	Ball
Bearing number	6209-RS1
Limiting speed	5000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Manufacturer URL	http://www.skf.com
Long Description	45MM Bore; 85MM Outside Diameter; 19MM Outer Race Diameter; 1 Seal; Ball

	Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	3.346 Inch 85 Millimeter
Outer Race Width	0.748 Inch 19 Millimeter
Weight / Kilogram	0.424
Manufacturer Name	SKF
Internal Clearance	C0-Medium
Bore Diameter (mm)	85
d_a max.	57.5 mm
D_a max.	78 mm
d_a min.	52 mm
r_a max.	1 mm
Outer Diameter (mm)	45
D_a - max.	78 mm
d_a - max.	57.5 mm
d_a - min.	52 mm
$r_{1,2}$ min.	1.1 mm
Minimum Buy Quantity	N/A
r_a - max.	1 mm
D_2 ?	75.19 mm
d_1 ?	57.6 mm
$r_{1,2}$ - min.	1.1 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6209-RS1
Internal Special Features	No
Basic dynamic load rating C	35.1 kN
Basic dynamic load rating - C	35.1 kN

Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.915 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.2
Fatigue load limit - P_u	0.915 kN
Calculation factor - k_r	0.025
Calculation factor - f_0	14.2
Basic static load rating C_0	21.6 kN
Basic static load rating - C_0	21.6 kN