



**Bearing No. 6209**

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	1.0
Enclosure	Open
Size (mm)	85x45x19
Snap Ring	No
Width (mm)	19
Mass bearing	0.42 kg
Weight / LBS	0.92
Inch - Metric	Metric
Cage Material	Steel
D <sub>2</sub>	75.19 mm
d <sub>1</sub>	57.6 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6209
Limiting speed	11000 r/min
Reference speed	17000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	45MM Bore; 85MM Outside Diameter; 19MM Outer Race Diameter; Open; 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	0.42
Manufacturer Name	SKF
D <sub>a</sub> max.	78 mm
r <sub>a</sub> max.	1 mm
Bore Diameter (mm)	85
Internal Clearance	C0-Medium
d <sub>a</sub> min.	52 mm
Outer Diameter (mm)	45
r <sub>1,2</sub> min.	1.1 mm
r <sub>a</sub> - max.	1 mm
d <sub>a</sub> - min.	52 mm
D <sub>a</sub> - max.	78 mm
Minimum Buy Quantity	N/A
d <sub>1</sub> ?	57.6 mm
D <sub>2</sub> ?	75.19 mm
Harmonized Tariff Code	8482.10.50.68
r <sub>1,2</sub> - min.	1.1 mm
Manufacturer Item Number	6209
Internal Special Features	No
Basic dynamic load rating C	33.2 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
Calculation factor - $k_r$	0.025
Fatigue load limit - $P_u$	0.915 kN
Calculation factor - $f_0$	14.2
Basic static load rating $C_0$	21.6 kN
Basic static load rating - $C_0$	21.6 kN