



6209 Bearing 2D drawings and 3D CAD models

SKF High Performance Distributor Sales Deep Groove Ball Bearing 6209 for Agricultural Machinery

Bearing No. 6209

Size	85x45x19 mm
Bore Diameter	85 mm
Outer Diameter	45 mm
Width	19 mm
d	45 mm
D	85 mm
B	19 mm
d ₁	57.6 mm
D ₂	75.19 mm
r _{1,2} - min.	1.1 mm
d _a - min.	52 mm
D _a - max.	78 mm
r _a - max.	1 mm
Basic dynamic load rating - C	35.1 kN
Basic static load rating - C ₀	21.6 kN
Fatigue load limit - P _u	0.915 kN
Reference speed	17000 r/min
Limiting speed	11000 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	14.2
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	SKF



NTN MANUFACTURING DE MEXICO,S.A.DE C.V.

Minimum Buy Quantity	N/A
Weight / Kilogram	0.42
EAN	7316577613028
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6209
Weight / LBS	0.92
Bore	1.772 Inch 45 Millimeter
Outside Diameter	3.346 Inch 85 Millimeter
Outer Race Width	0.748 Inch 19 Millimeter
d ₁	57.6 mm
D ₂	75.19 mm



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$r_{1,2}$ min.	1.1 mm
d_a min.	52 mm
D_a max.	78 mm
r_a max.	1 mm
Basic dynamic load rating C	33.2 kN
Basic static load rating C_0	21.6 kN
Fatigue load limit P_u	0.915 kN
Calculation factor k_r	0.025
Calculation factor f_0	14.2
Mass bearing	0.42 kg