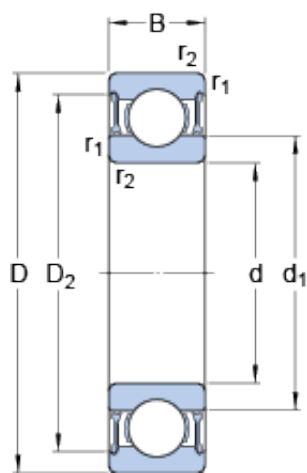




Bearing No. 6209-2RZTN9/HC5C3WT

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	0.83
Mass bearing	0.42 kg
Product Group	B00308
d ₁	57.6 mm
D ₂	75.2 mm
Inch - Metric	Metric
Cage Material	Polyamide
Bearing number	6209-2RZTN9/HC5C3W T
Keyword String	Ball
Enclosure Type	Non-Contact Seal
Other Features	Deep Groove NBR Seal Hybrid Silicon Nitride Rolling Element WT Standard Grease
Limiting speed	13000 r/min
Reference speed	22000 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; Silicon Nitride Rolling Element Electrical Insulated Internal Special
Outside Diameter	3.346 Inch 85 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	0.748 Inch 19 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.377
Bore Diameter (mm)	85
Internal Clearance	C3-Loose
r _a max.	1 mm
D _a max.	78 mm
d _a max.	57.5 mm
d _a min.	52 mm
Outer Diameter (mm)	45
r _{1,2} min.	1.1 mm
D _a - max.	78 mm
d _a - max.	57.5 mm
r _a - max.	1 mm
d _a - min.	52 mm
Minimum Buy Quantity	N/A
d ₁ ?	57.6 mm
D ₂ ?	75.2 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item	6209-2RZTN9/HC5C3W

Number	T
Internal Special Features	Silicon Nitride Rolling Element Electrical Insulated
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
Calculation factor - f_0	14.2
Calculation factor - k_r	0.025
Fatigue load limit - P_u	0.915 kN
Basic static load rating C_0	21.6 kN
Basic static load rating - C_0	21.6 kN