



**Bearing No. 6809**

C	7 mm
d	45 mm
D	58 mm
B	7 mm
Noun	Bearing
Bore	1.772 Inch   45 Millimeter
Width	7 mm
Weight	0.040 Kg
UNSPSC	31171504
r min.	0.3 mm
Da max.	56 mm
ra max.	0.3 mm
da min.	47 mm
Category	Single Row Ball Bearing
Da (max)	56 mm
da (min)	47 mm
ra (max)	0.3 mm
Bore Size	45 mm
Inventory	0.0
Bore Type	Cylindrical Bore
Factor fo	16.1
Enclosure	Open
Snap Ring	No
Size (mm)	45x58x7
Width (mm)	7
Weight / LBS	0.09
Inch - Metric	Metric
Product Group	B00308
Configuration	Single Row

Keyword String	Ball
Bearing number	6809
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Long Description	45MM Bore; 58MM Outside Diameter; 7MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Radial Clearance	0.006 to 0.023 mm
Outside Diameter	2.283 Inch   58 Millimeter
Manufacturer URL	<a href="http://www.nachi.com">http://www.nachi.com</a>
Outer Race Width	0.276 Inch   7 Millimeter
Manufacturer Name	NACHI
Weight / Kilogram	0.041
Static Load Rating	4,900 N
Bore Diameter (mm)	45
Internal Clearance	C0-Medium
Outer Diameter (mm)	58
Dynamic Load Rating	5,350 N
Minimum Buy Quantity	N/A
Limiting Speed - Oil	13,000 rpm
Fillet Radius/Chamfer	0.3 mm
Harmonized Tariff Code	8482.10.50.68
Limiting Speed - Grease	11,000 rpm
Manufacturer Item Number	6809 BNLS
Internal Special Features	No
(Grease) Lubrication Speed	11000 r/min
Basic static load rating	4,9 kN

(C0)	
Basic dynamic load rating (C)	5,35 kN
Maximum Capacity / Filling Slot	No