



**Bearing No. 6814**

C	10 mm
d	70 mm
D	90 mm
B	10 mm
Noun	Bearing
Bore	2.756 Inch   70 Millimeter
Width	10 mm
Weight	0.135 Kg
UNSPSC	31171504
r min.	0.6 mm
Da max.	86 mm
ra max.	0.6 mm
da min.	74 mm
Category	Single Row Ball Bearing
Da (max)	86 mm
da (min)	74 mm
ra (max)	0.6 mm
Bore Size	70 mm
Inventory	0.0
Bore Type	Cylindrical Bore
Factor fo	16.1
Enclosure	Open
Snap Ring	No
Size (mm)	70x90x10
Width (mm)	10
Weight / LBS	0.3
Inch - Metric	Metric
Product Group	B00308
Configuration	Single Row

Keyword String	Ball
Bearing number	6814
Rolling Element	Ball Bearing
Precision Class	ABEC 1   ISO P0
Long Description	70MM Bore; 90MM Outside Diameter; 10MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outside Diameter	3.543 Inch   90 Millimeter
Radial Clearance	0.010 to 0.030 mm
Manufacturer URL	<a href="http://www.nachi.com">http://www.nachi.com</a>
Outer Race Width	0.394 Inch   10 Millimeter
Weight / Kilogram	0.136
Manufacturer Name	NACHI
Static Load Rating	11,900 N
Internal Clearance	C0-Medium
Bore Diameter (mm)	70
Dynamic Load Rating	12,100 N
Outer Diameter (mm)	90
Minimum Buy Quantity	N/A
Limiting Speed - Oil	8,100 rpm
Fillet Radius/Chamfer	0.6 mm
Harmonized Tariff Code	8482.10.50.68
Limiting Speed - Grease	7,000 rpm
Manufacturer Item Number	6814 BNLS
Internal Special Features	No
(Grease) Lubrication Speed	7000 r/min

Basic static load rating (C0)	11,9 kN
Basic dynamic load rating (C)	12,1 kN
Maximum Capacity / Filling Slot	No