



NTN Bearing Manufacturing



90 mm x 125 mm x 18 mm NACHI 6918 deep groove ball bearings

Bearing No. 6918

6918 Bearing 2D drawings and 3D CAD models

Size	90x125x18 mm
Bore Diameter	90 mm
Outer Diameter	125 mm
Width	18 mm
d	90 mm
D	125 mm
B	18 mm
C	18 mm
r min.	1.1 mm
da min.	96 mm
Da max.	119 mm
ra max.	1.0 mm
Weight	0.540 Kg
Basic dynamic load rating (C)	33 kN
Basic static load rating (C0)	31,5 kN
(Grease) Lubrication Speed	5000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight / Kilogram	0.545
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling	No



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Slot	
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	90MM Bore; 125MM Outside Diameter; 18MM 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.nachi.com
Weight / LBS	1.2
Bore	3.543 Inch 90 Millimeter
Outside Diameter	4.921 Inch 125 Millimeter
Outer Race Width	0.709 Inch 18 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	90 mm
Width	18 mm
Fillet Radius/Chamfer	1.1 mm
Dynamic Load Rating	33,000 N
Static Load Rating	31,500 N
Limiting Speed - Grease	5,100 rpm
Limiting Speed - Oil	6,000 rpm
Factor fo	16.4
Radial Clearance	0.012 to 0.036 mm



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da (min)	96 mm
Da (max)	119 mm
ra (max)	1 mm