



INA BRAINGS SALES JAPAN CO.,LTD.



90 mm x 190 mm x 43 mm NACHI 6318 deep groove ball bearings

Bearing No. 6318

6318 Bearing 2D drawings and 3D CAD models

Size	90x190x43 mm
Bore Diameter	90 mm
Outer Diameter	190 mm
Width	43 mm
d	90 mm
D	190 mm
B	43 mm
C	43 mm
r min.	3 mm
da min.	104 mm
Da max.	176 mm
ra max.	2.5 mm
Weight	4.91 Kg
Basic dynamic load rating (C)	143 kN
Basic static load rating (C0)	107 kN
(Grease) Lubrication Speed	3400 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight / Kilogram	0
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
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	90MM Bore; 190MM Outside Diameter; 43MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.nachiamerica.com
Weight / LBS	10.9842
Bore	3.543 Inch 90 Millimeter
Outside Diameter	7.48 Inch 190 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outer Race Width	1.693 Inch 43 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	90 mm
Width	43 mm
Fillet Radius/Chamfer	3 mm
Dynamic Load Rating	143,000 N



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Static Load Rating	107,000 N
Limiting Speed - Grease	3,600 rpm
Limiting Speed - Oil	4,300 rpm
Factor f_0	13.3
Radial Clearance	0.012 to 0.036 mm
d_a (min)	104 mm
D_a (max)	176 mm
r_a (max)	2.5 mm