



## Bearing Rolamentos do Brasil Ltda.



17 mm x 35 mm x 10 mm NACHI 6003 deep groove ball bearings

Bearing No. 6003

6003 Bearing 2D drawings and 3D CAD models

Size	17x35x10 mm
Bore Diameter	17 mm
Outer Diameter	35 mm
Width	10 mm
d	17 mm
D	35 mm
B	10 mm
C	10 mm
r min.	0.3 mm
da min.	19 mm
Da max.	33 mm
ra max.	0.3 mm
Weight	0.039 Kg
Basic dynamic load rating (C)	6 kN
Basic static load rating (C0)	3,25 kN
(Grease) Lubrication Speed	20000 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	17MM Bore; 35MM Outside Diameter; 10MM 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	<a href="http://www.nachiamerica.com">http://www.nachiamerica.com</a>
Outside Diameter	1.378 Inch   35 Millimeter
Bore	0.669 Inch   17 Millimeter
Outer Race Width	0.394 Inch   10 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	17 mm
Width	10 mm
Fillet Radius/Chamfer	0.3 mm
Dynamic Load Rating	6,000 N
Static Load Rating	3,250 N



## Bearing Rolamentos do Brasil Ltda.

Limiting Speed - Grease	22,000 rpm
Limiting Speed - Oil	26,000 rpm
Factor $f_0$	14.3
Radial Clearance	0.003 to 0.018 mm
$d_a$ (min)	19 mm
$D_a$ (max)	33 mm
$r_a$ (max)	0.3 mm