



PRECISION BEARING CORP.



20 mm x 42 mm x 8 mm F-220543 Hydraulic Pump Cylindrical Roller Bearing

Bearing No. 16004

16004 Bearing 2D drawings and 3D CAD models

Size	20x42x8 mm
Bore Diameter	20 mm
Outer Diameter	42 mm
Width	8 mm
d	20 mm
D	42 mm
B	8 mm
C	8 mm
r min.	0.3 mm
da min.	25 mm
Da max.	37 mm
ra max.	0.3 mm
Weight	0.050 Kg
Basic dynamic load rating (C)	7,9 kN
Basic static load rating (C0)	4,5 kN
(Grease) Lubrication Speed	17000 r/min
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NACHI
Minimum Buy Quantity	N/A
Weight / Kilogram	0.05
EAN	4991893471410
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0



PRECISION BEARING CORP.

Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	20MM Bore; 42MM Outside Diameter; 8MM 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
Manufacturer Item Number	16004 BNLS
Weight / LBS	0.11
Outside Diameter	1.654 Inch 42 Millimeter
Outer Race Width	0.315 Inch 8 Millimeter
Bore	0.787 Inch 20 Millimeter
Bore Type	Cylindrical Bore
Configuration	Single Row
Bore Size	20 mm
Width	8 mm
Fillet Radius/Chamfer	0.3 mm
Dynamic Load Rating	7,900 N
Static Load Rating	4,500 N
Limiting Speed - Grease	18,000 rpm
Limiting Speed - Oil	21,000 rpm



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Factor f_o	14.5
Radial Clearance	0.005 to 0.020 mm
d_a (min)	25 mm
D_a (max)	37 mm
r_a (max)	0.3 mm