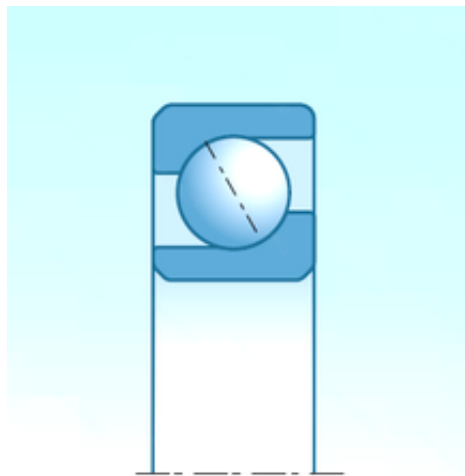




New energy Bearing Manufacturing Co.,...



70,000 mm x 180,000 mm x 42,000 mm NTN
7414BG angular contact ball bearings

Bearing No. 7414BG

Size	70x180x42 mm
Bore Diameter	70,000 mm
Outer Diameter	180,000 mm
Width	42,000 mm
d	70,000 mm
D	180,000 mm
B	42,000 mm
C	42,000 mm
Contact angle	40 °
rs min	3 mm
r1s min	1.1 mm
Radial clearance class	CN
Mass	5.7 kg
Dynamic load, C	139 kN
Static load, C0	109 kN
Fatigue limit load, Cu	4.45 kN
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	3.79 Hz
Characteristic outer ring frequency, BPF0	4.03 Hz
Characteristic inner ring	5.97 Hz

7414BG Bearing 2D drawings and 3D CAD models



New energy Bearing Manufacturing Co.,...

frequency, BPF1	
da min	402 mm
Da max	166 mm
Db max	173 mm
r1a max	1 mm
ra max	2.5 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	5.72
EAN	4547359454512
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Steel
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	70MM Bore; 180MM Outside Diameter; 42MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring



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Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	7414BG
Weight / LBS	12.597
Width	1.654 Inch 42 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
Bore	2.756 Inch 70 Millimeter
bore diameter:	70 mm
radial static load capacity:	110800 N
outside diameter:	180 mm
operating temperature range:	-40 to 120 ° C
overall width:	42 mm
cage material:	Brass
contact angle:	40 °
outer ring width:	42 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	4100 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
series:	74B
bearing material:	High Carbon Chrome Steel



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weight:	5.700 kg
radial dynamic load capacity:	138000 N
manufacturer product page:	Click here