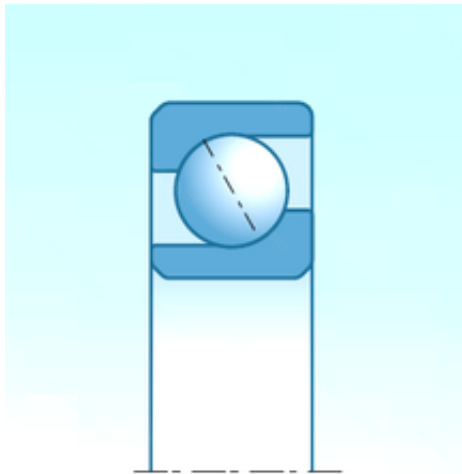




New energy Bearing Manufacturing Co.,...



7414BG Bearing 2D drawings and 3D CAD models

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



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frequency, BPFI	
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