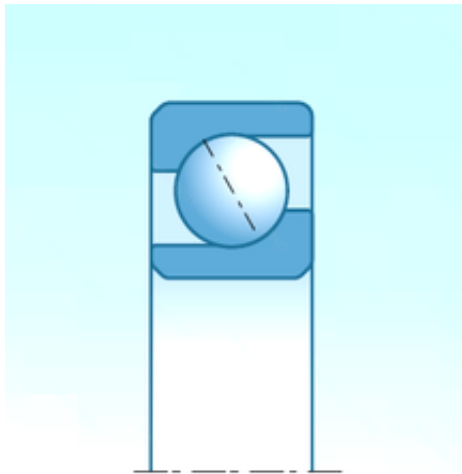




NTN-SNR BEARING RULMENTI S.R.L.



7205BG Bearing 2D drawings and 3D CAD models

25,000 mm x 52,000 mm x 15,000 mm NTN 7205BG Single row or matched pairs of angular contact ball bearings

Bearing No. 7205BG

Size	25x52x15 mm
Bore Diameter	25,000 mm
Outer Diameter	52,000 mm
Width	15,000 mm
d	25,000 mm
D	52,000 mm
B	15,000 mm
C	15,000 mm
a	24 mm
Contact angle	40 °
rs min	1 mm
r1s min	0.6 mm
Radial clearance class	CN
Mass	0.13 kg
Dynamic load, C	14.8 kN
Static load, C0	9.4 kN
Fatigue limit load, Cu	0.43 kN
Nlim (oil)	16,000 rpm
Nlim (grease)	12,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling	4.8 Hz



NTN-SNR BEARING RULMENTI S.R.L.

element frequency, BSF	
Characteristic outer ring frequency, BPF0	5.49 Hz
Characteristic inner ring frequency, BRFI	7.51 Hz
da min	30.5 mm
db min	29.5 mm
Da max	46.5 mm
Db max	47.5 mm
r1a max	0.6 mm
ra max	1 mm
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.13
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	25MM Bore; 52MM Outside Diameter; 15MM



NTN-SNR BEARING RULMENTI S.R.L.

	Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring
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	7205BG
Weight / LBS	0.287
Bore	0.984 Inch 25 Millimeter
Outside Diameter	2.047 Inch 52 Millimeter
Width	0.591 Inch 15 Millimeter
bore diameter:	25 mm
radial static load capacity:	9400 N
outside diameter:	52 mm
operating temperature range:	-40 to 120 ° C
overall width:	15 mm
cage material:	Steel
contact angle:	40 °
outer ring width:	15 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	16000 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open



NTN-SNR BEARING RULMENTI S.R.L.

fillet radius:	1 mm
snap ring included:	Without Snap Ring
series:	72B
bearing material:	High Carbon Chrome Steel
weight:	0.130 kg
radial dynamic load capacity:	14800 N
manufacturer product page:	Click here