



CYSD BEARING-ENGLAND CO.,LTD.



7230BG Bearing 2D drawings and 3D CAD models

150,000 mm x 270,000 mm x 45,000 mm NTN
7230BG angular contact ball bearings

Bearing No. 7230BG

Size	150x270x45 mm
Bore Diameter	150,000 mm
Outer Diameter	270,000 mm
Width	45,000 mm
d	150,000 mm
D	270,000 mm
B	45,000 mm
C	45,000 mm
d1	192.5 mm
d2	192.5 mm
D1	227.5 mm
D2	245.6 mm
a	111 mm
Contact angle	40 °
rs min	3 mm
r1s min	1.1 mm
Mass	11.3 kg
Dynamic load, C	210 kN
Static load, C0	235 kN
Nlim (oil)	2,900 rpm
Nlim (grease)	2,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage	0.44 Hz



CYSD BEARING-ENGLAND CO.,LTD.

frequency, FTF	
Characteristic rolling element frequency, BSF	5.92 Hz
Characteristic outer ring frequency, BPF0	6.98 Hz
Characteristic inner ring frequency, BRFI	9.02 Hz
da min	164 mm
Da max	256 mm
Db max	263 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	11.34
EAN	4547359447620
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



CYSD BEARING-ENGLAND CO.,LTD.

Long Description	150MM Bore; 270MM Outside Diameter; 45MM 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	7230BG
Weight / LBS	24.973
Bore	5.906 Inch 150 Millimeter
Width	1.772 Inch 45 Millimeter
Outside Diameter	10.63 Inch 270 Millimeter
bore diameter:	150 mm
radial static load capacity:	235000 N
outside diameter:	270 mm
operating temperature range:	-40 to 120 ° C
overall width:	45 mm
cage material:	Brass
contact angle:	40 °
outer ring width:	45 mm
row type & fill slot:	Single-Row Non-Fill Slot
maximum rpm:	2900 rpm
internal clearance:	C0
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0



CYSD BEARING-ENGLAND CO.,LTD.

closure type:	Open
fillet radius:	3 mm
snap ring included:	Without Snap Ring
series:	72B
bearing material:	High Carbon Chrome Steel
weight:	11.300 kg
radial dynamic load capacity:	210000 N
manufacturer product page:	Click here