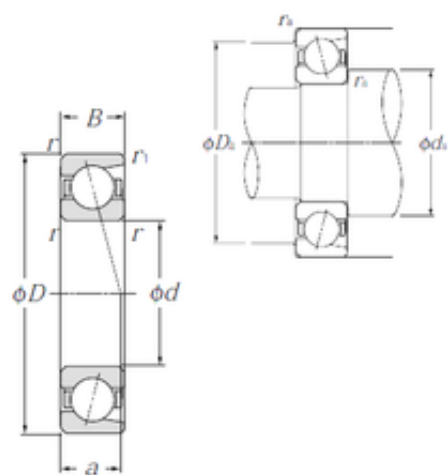




Bearing No. 7022

D	170 mm
d	110 mm
B	28 mm
C	28 mm
a	54,5 mm
Bore	4.331 Inch 110 Millimeter
Noun	Bearing
Mass	2.3 kg
Width	1.102 Inch 28 Millimeter
Weight	2,3 Kg
da min	120 mm
ra max	2 mm
rs min	2 mm
Db max	164.5 mm
UNSPSC	31171531
Da max	160 mm
db min	120 mm
r min.	2 mm
ra max.	2 mm
da min.	120 mm
r1a max	1 mm
r1 min.	1 mm
r1s min	1 mm
Category	Angular Contact Ball Bearing
Size (mm)	110x170x28
Inventory	0.0
Enclosure	Open
Snap Ring	No

Nlim (oil)	5,300 rpm
Width (mm)	28
Flush Ground	No
Nlim (grease)	3,900 rpm
Product Group	B00308
Cage Material	Steel
Contact Angle	30 Degree
Inch - Metric	Metric
Keyword String	Angular Contact
Bearing number	7022
Static load, C0	93 kN
Angle (?)	25 °
Dynamic load, C	92 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outside Diameter	6.693 Inch 170 Millimeter
Long Description	110MM Bore; 170MM Outside Diameter; 28MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 30 Degree; 1 (Single)
Contact angle ?	30 °
Manufacturer URL	http://www.ntnamerica.com
Weight / Kilogram	2.21
Manufacturer Name	NTN
Bore Diameter (mm)	110
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Outer Diameter (mm)	170

Minimum Buy Quantity	N/A
Fatigue limit load, Cu	3.55 kN
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7022
(Grease) Lubrication Speed	3 900 r/min
Basic static load rating (C0)	93 kN
Basic dynamic load rating (C)	92 kN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	8.87 Hz
Characteristic inner ring frequency, BPFI	11.13 Hz
Characteristic rolling element frequency, BSF	7.57 Hz