



Bearing No. 7217

D	150 mm
d	85 mm
B	28 mm
C	28 mm
a	48 mm
Bore	3.346 Inch 85 Millimeter
Noun	Bearing
Mass	1.78 kg
Width	1.102 Inch 28 Millimeter
Weight	1,78 Kg
ra max	2 mm
Db max	144.5 mm
Da max	140 mm
da min	95 mm
UNSPSC	31171531
rs min	2 mm
db min	90,5 mm
r min.	2 mm
ra max.	2 mm
da min.	95 mm
r1a max	1 mm
r1 min.	1 mm
r1s min	1 mm
weight:	1.820 kg
Category	Angular Contact Ball Bearing
Size (mm)	85x150x28
Enclosure	Open
Inventory	0.0

Snap Ring	No
Width (mm)	28
Nlim (oil)	6,200 rpm
bore type:	Round
Flush Ground	No
maximum rpm:	6200 rpm
closure type:	Open
Nlim (grease)	4,700 rpm
Cage Material	Steel
Contact Angle	30 Degree
Inch - Metric	Metric
Product Group	B04270
bore diameter:	85 mm
overall width:	28 mm
Keyword String	Angular Contact
Bearing number	7217
cage material:	Steel
contact angle:	30 °
fillet radius:	2 mm
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Static load, C0	88.5 kN
Dynamic load, C	99.5 kN
Angle (?)	25 °
Long Description	85MM Bore; 150MM 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)

Outside Diameter	5.906 Inch 150 Millimeter
Contact angle ?	30 °
Manufacturer URL	http://www.ntnamerica.com
bearing material:	High Carbon Chrome Steel
Weight / Kilogram	2.12
Manufacturer Name	NTN
outside diameter:	150 mm
Number of Bearings	1 (Single)
Bore Diameter (mm)	85
Internal Clearance	C0-Medium
snap ring included:	Without Snap Ring
Outer Diameter (mm)	150
Minimum Buy Quantity	N/A
row type & fill slot:	Single-Row Non-Fill Slot
Fatigue limit load, Cu	3.7 kN
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Single Row
Manufacturer Item Number	7217
(Grease) Lubrication Speed	4 700 r/min
manufacturer product page:	Click here
radial static load capacity:	88500 N
operating temperature range:	-40 to 120 °C
radial dynamic load capacity:	99500 N
Basic static load rating (C0)	88,5 kN
Basic dynamic load rating (C)	99,5 kN

Maximum Capacity / Filling Slot	No
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic inner ring frequency, BPF1	9.74 Hz
Characteristic outer ring frequency, BPF0	7.26 Hz
Characteristic rolling element frequency, BSF	5.82 Hz