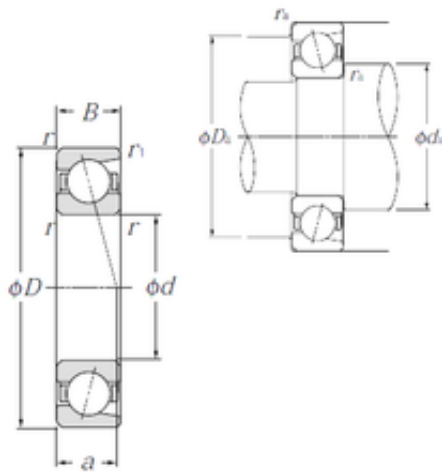




BEARING TYCA PRIVATE LTD.

60 mm x 95 mm x 18 mm NTN 7012 angular contact ball bearings



Bearing No. 7012

7012 Bearing 2D drawings and 3D CAD models

Size	60x95x18 mm
Bore Diameter	60 mm
Outer Diameter	95 mm
Width	18 mm
d	60 mm
D	95 mm
B	18 mm
C	18 mm
Angle (°)	25 °
a	31,5 mm
r min.	1,1 mm
r1 min.	0,6 mm
da min.	67 mm
db min	67 mm
ra max.	1 mm
Weight	0,478 Kg
Basic dynamic load rating (C)	32 kN
Basic static load rating (C0)	28,1 kN
(Grease) Lubrication Speed	7 200 r/min
Contact angle	30 °
rs min	1.1 mm
r1s min	0.6 mm
Mass	0.48 kg
Dynamic load, C	32 kN
Static load, C0	28.1 kN



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Fatigue limit load, Cu	1.28 kN
Nlim (oil)	9,600 rpm
Nlim (grease)	7,200 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.41 Hz
Characteristic outer ring frequency, BPF0	8.4 Hz
Characteristic inner ring frequency, BRFI	10.6 Hz
da min	67 mm
Da max	88 mm
Db max	90.5 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	0.47
EAN	4547359431520
Product Group	B00308
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No



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Snap Ring	No
Cage Material	Steel
Contact Angle	30 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	60MM Bore; 95MM Outside Diameter; 18MM 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)
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	7012
Bore	2.362 Inch 60 Millimeter
Outside Diameter	3.74 Inch 95 Millimeter
Width	0.709 Inch 18 Millimeter
bore diameter:	60 mm
radial static load capacity:	28100 N
outside diameter:	95 mm
operating temperature range:	-40 to 120 ° C
overall width:	18 mm
cage material:	Brass
contact angle:	30 °
maximum rpm:	9600 rpm



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row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
bore type:	Round
precision rating:	ISO Class 0
closure type:	Open
fillet radius:	1.1 mm
snap ring included:	Without Snap Ring
weight:	0.470 kg
bearing material:	High Carbon Chrome Steel
manufacturer product page:	Click here
radial dynamic load capacity:	32000 N