



NTN BEARING CORP.OF AMERICA

Timken YA100RRB Ball Insert Bearings



Bearing No. YA100RRB

YA100RRB Bearing 2D drawings and 3D CAD models

Category	Insert Bearings Spherical OD
Inventory	30.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	0.17
EAN	0087796053304
Product Group	M06110
Inner Race Profile	Narrow Inner Ring
Outer Race Profile	Spherical
Relubricatable	No
Seal Type	Double Land Riding Rubber Contact
Mounting Method	Set Screw
Rolling Element	Ball Bearing
Snap Ring	No
Long Description	1" Bore; Narrow Inner Ring; Ball Bearing; 1-7/64" Length Thru Bore; 0.591" Outer Race Width; 2.047" Outside Diameter; Not Relubricatable; Double Land Riding Rubber Contact Seal; Se
Inch - Metric	Inch
Other Features	Single Row Standard Duty
Category	Insert Bearings
UNSPSC	31171536
Harmonized Tariff Code	8482.10.50.00



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Noun	Bearing
Keyword String	Insert
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	YA100RRB
Weight / LBS	0.38
d	1 Inch 25.4 Millimeter
D	1.109 Inch 28.169 Millimeter
Outer Race Width	0.591 Inch 15.011 Millimeter
D	2.047 Inch 51.994 Millimeter
Shaft Size d	1 in
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Material	Bearing Steel
Lubrication Type	Non-Relubricatable
O.D. Type	Spherical OD
Series	Standard
Weight	0.50 lb
Sub Series	YA..RRB
Outside Diameter D	2.047 in
Inner Ring Width B	28.2 mm
Outside Ring Width C	15.000 mm
Radius r	0.6 mm
Center of Bearing from End S	8.84 mm
Dimension S1	19.36 mm
Set Screw Distance S2	6.35 mm
Set Screw Size	M6x1
Number of Set Screws	2
Angle between Set Screws	90 °
Static Load Rating	1750 lbf



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Dynamic Load Rating

3490 lbf