



# AMERICAN BEARING MFG.CORP.



55 mm x 100 mm x 46,6 mm Timken  
GYAE55RRB deep groove ball bearings

Bearing No. GYAE55RRB

GYAE55RRB Bearing 2D drawings and 3D CAD models

Category	Insert Bearings Spherical OD
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	0.963
Product Group	M06110
Inner Race Profile	Narrow Inner Ring
Outer Race Profile	Spherical
Relubricatable	Yes
Seal Type	Double Land Riding Rubber Contact
Mounting Method	Set Screw
Rolling Element	Ball Bearing
Snap Ring	No
Long Description	55MM Bore; Narrow Inner Ring; Ball Bearing; 46.6MM Length Thru Bore; 24MM Outer Race Width; 100MM Outside Diameter; Relubricatable; Double Land Riding Rubber Contact Seal; Set Screw Mounting Method; N
Inch - Metric	Metric
Other Features	Single Row   Standard Duty   Metric
Category	Insert Bearings
UNSPSC	31171536



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Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Insert
Manufacturer URL	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	GYAE55RRB
Weight / LBS	1.27
d	2.165 Inch   55 Millimeter
D	1.835 Inch   46.6 Millimeter
D	3.937 Inch   100 Millimeter
Outer Race Width	0.945 Inch   24 Millimeter
Shaft Size d	2.165 in
Bore Type	Cylindrical bore
Bearing Type	Ball Bearing
Material	Bearing Steel
Lubrication Type	Relubricatable
O.D. Type	Spherical OD
Dimension M	0.193 in
Series	Standard
Weight	0.50 lb
Sub Series	GYAE..RRB
Outside Diameter D	3.937 in
Inner Ring Width B	46.6 mm
Outside Ring Width C	24.000 mm
Radius r	0.6 mm
Center of Bearing from End S	14.6 mm
Dimension S1	32 mm
Set Screw Distance S2	9.02 mm
Set Screw Size	M10x1.5
Number of Set Screws	2
Angle between Set Screws	90 °
Static Load Rating	6570 lbf
Dynamic Load Rating	10800 lbf



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