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# Part Number 6209H-2RS/FVSL613, Corrosion Resistant Deep Groove Ball Bearings

Timken's corrosion resistant deep groove ball bearings are an ideal fit for a variety of demanding applications. Constructed with stainless rings, rolling elements, and cages, our bearings can improve uptime in a variety of harsh environments.



Specifications | Dimensions | Basic Load Ratings | Factors

## Specifications

| | |
|---|---|
| **UPC Code** | 13992223326 |
| **Clearance** | C0 (Normal) |
| **Bore Size d** | 45 mm |
| **Bearing Type** | Corrosion Resistant DGBB |
| **Features** | Contact Seals |
| **Lubrication Type** | Food Grade Solid Lube |
| **Material** | AISI 440C |
| **Weight** | 0.420 Kg |

## Dimensions

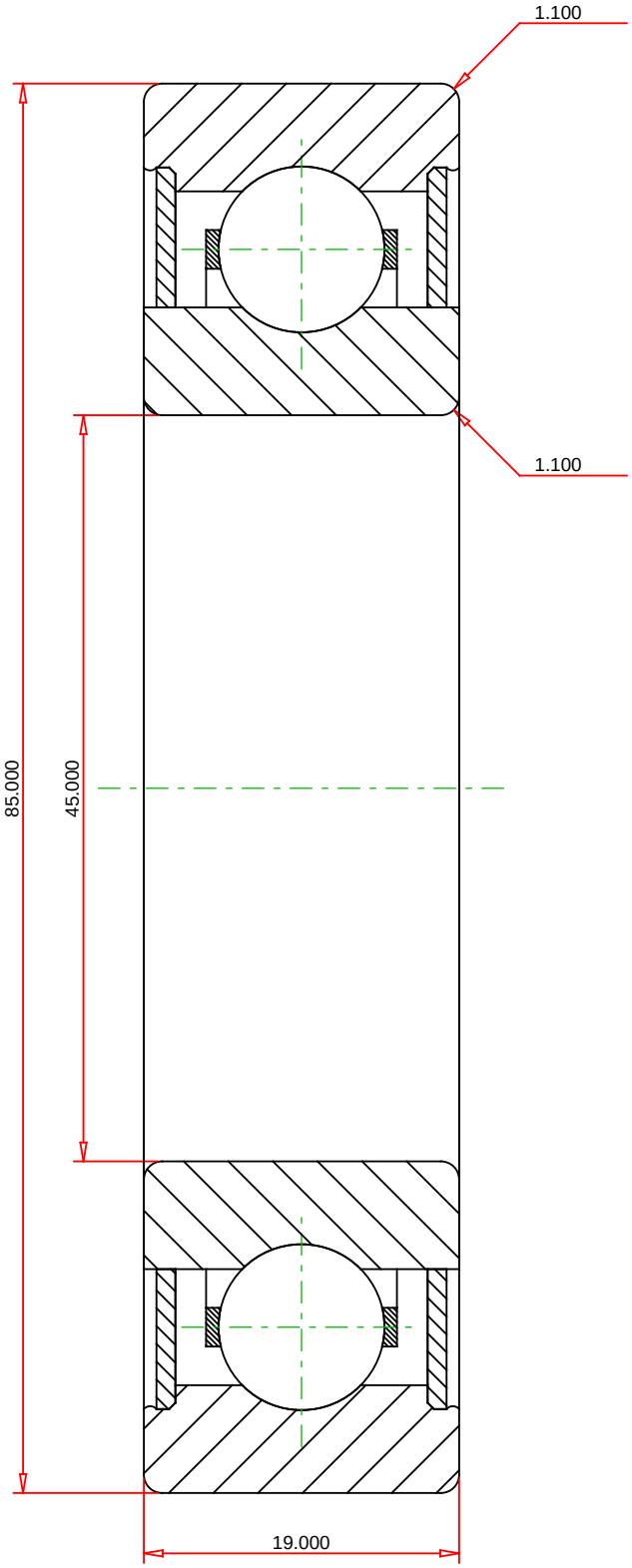
| | |
|---|---|
| **Outside Diameter D** | 85.000 mm |
| **Outside Ring Width B** | 19.000 mm |
| **Radius Rs min** | 1.100 mm |

## Basic Load Ratings

| | |
|---|---|
| **Cr - Dynamic Load Rating** | 27.80 kN |
| **C0r - Static Load Rating** | 16.40 kN |

## Factors

| | |
|---|---|
| **Grease Reference Speed** | 8200 rpm |
| **Oil Reference Speed** | 12000 rpm |




METRIC UNITS

| | | |
|---|---|---|
| Weight | 0.42 | kg |

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6209H-2RS/FVSL613
Corrosion Resistant Deep Groove Ball Bearings

| | | |
|---|---|---|
| Dynamic Load Rating | 27800 | N |
| Static Load Rating | 16400 | N |

Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

FOR DISCUSSION ONLY