



The Timken Company

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Part Number 6018-ZZ-C3, Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Timken's deep groove ball bearings deliver reliable performance in a wide range of applications and conditions. With super-finished raceways and controlled geometries, our premium design helps ensure consistent quality.



[Specifications](#) | [Dimensions](#) | [Basic Load Ratings](#) | [Factors](#)

Specifications

| | |
|---------------------------|---------------|
| Clearance | C3 |
| Bore Size d | 90.000 mm |
| Features | Shields |
| Bearing Type | Standard DGBB |
| Weight | 1.120 Kg |
| Manufacturing Part Number | 6018-ZZC3 |

Dimensions



Outside Diameter D

140.000 mm

| | |
|----------------------|-----------|
| Outside Ring Width B | 24.000 mm |
|----------------------|-----------|

| | |
|---------------|----------|
| Radius Rs min | 1.500 mm |
|---------------|----------|

Basic Load Ratings

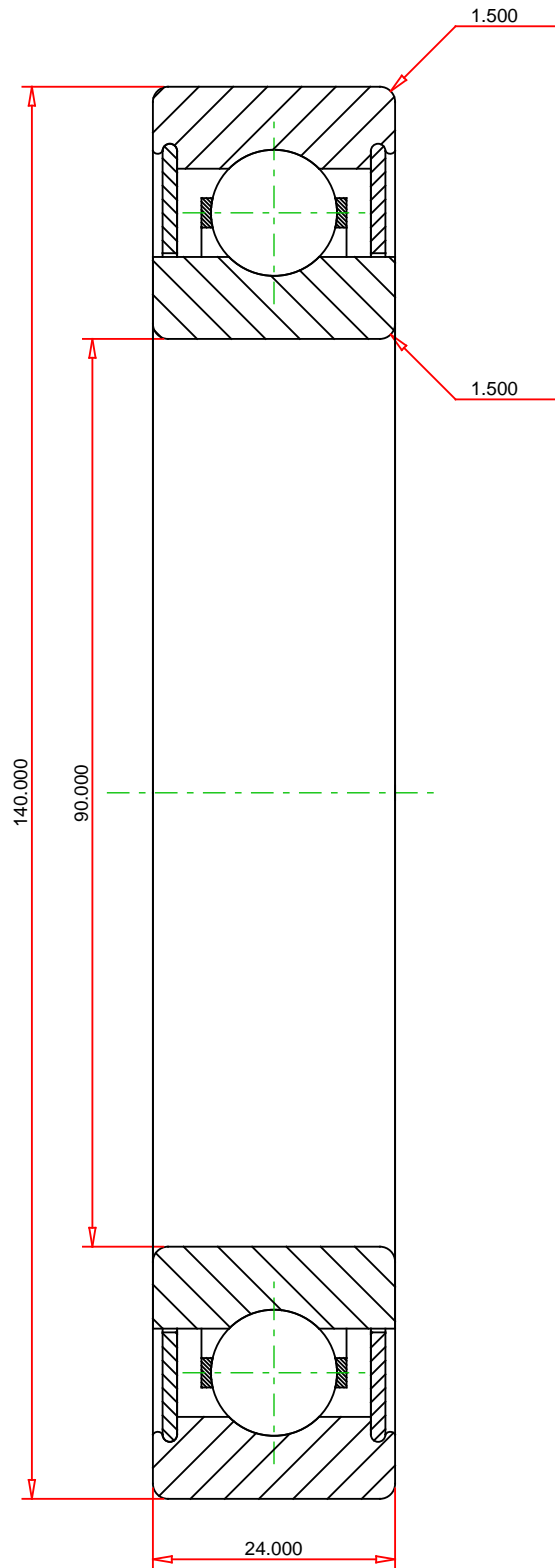
| | |
|--------------------------|-------|
| Cr - Dynamic Load Rating | 58 kN |
|--------------------------|-------|

| | |
|--------------------------|---------|
| C0r - Static Load Rating | 50.6 kN |
|--------------------------|---------|

Factors

| | |
|------------------------|----------|
| Grease Reference Speed | 5300 rpm |
|------------------------|----------|

| | |
|---------------------|----------|
| Oil Reference Speed | 7600 rpm |
|---------------------|----------|



METRIC UNITS

Weight 1.12 kg

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

6018-ZZ-C3
Deep Groove Ball Bearings (6000, 6200, 6300, 6400)

Dynamic Load Rating 58000 N
Static Load Rating 49600 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