



**The Timken Company**

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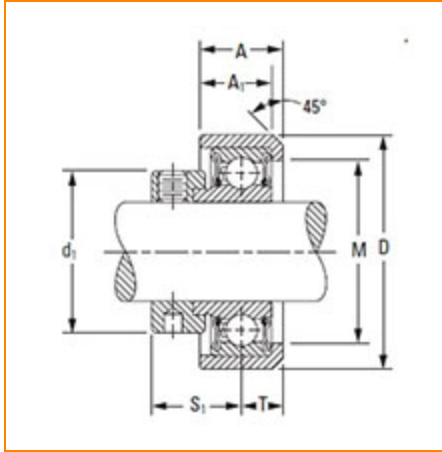
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## Part Number RCR1, Cartridge Block Mounted Bearings - Eccentric Locking Collar RCR

### Series



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### Specifications

|                       |              |
|-----------------------|--------------|
| <b>Shaft Size d</b>   | 1 in         |
| <b>Bearing Type</b>   | Ball Bearing |
| <b>Bearing Number</b> | RA100RR      |

### Dimensions

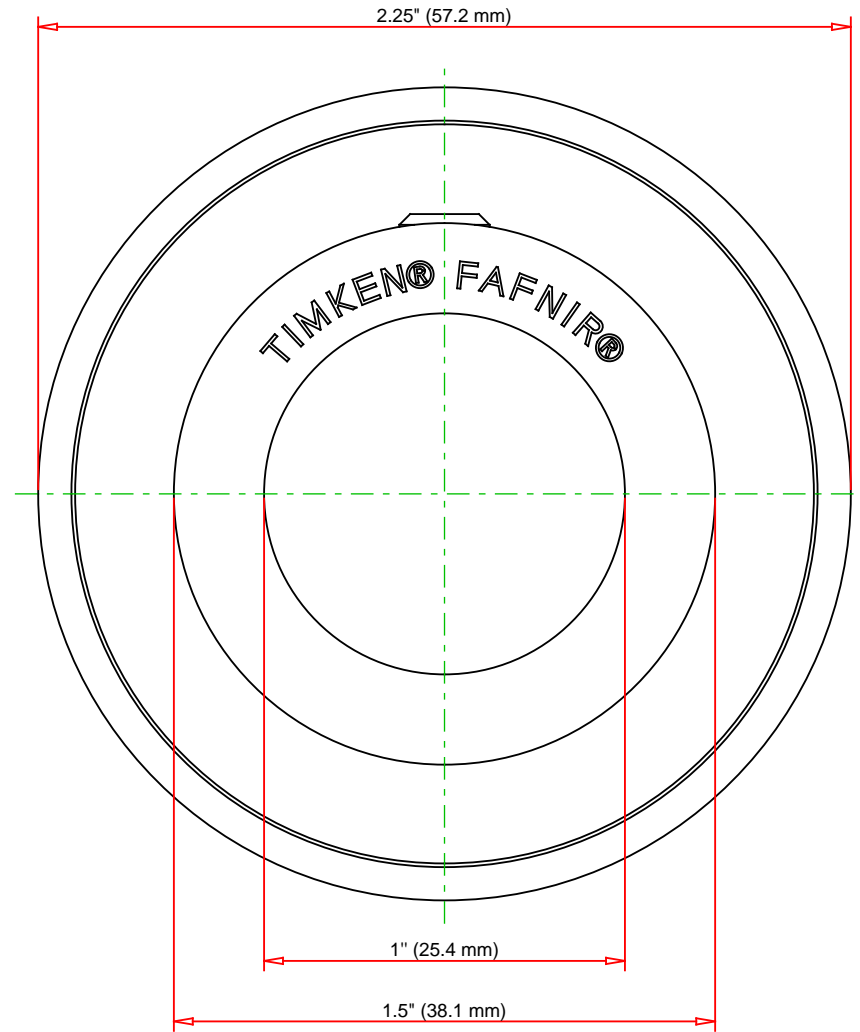
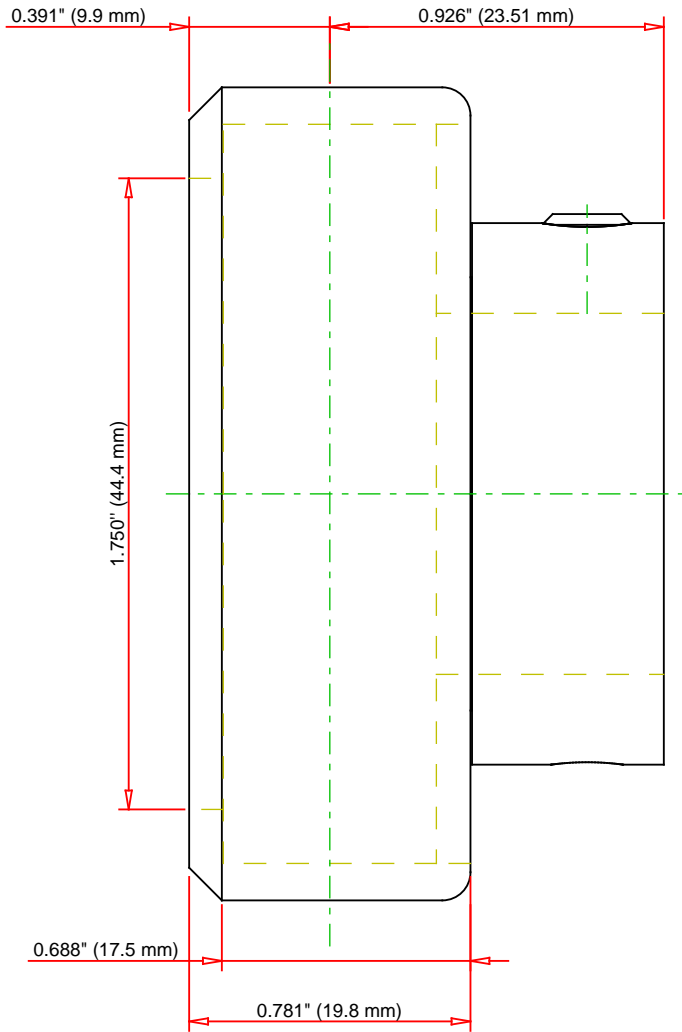
|                     |                      |
|---------------------|----------------------|
| <b>Dimension A</b>  | 19.8 mm<br>0.781 in  |
| <b>Dimension A1</b> | 17.5 mm<br>0.688 in  |
| <b>Dimension D</b>  | 57.2 mm<br>2.2500 in |



|                     |                      |
|---------------------|----------------------|
| <b>Dimension B1</b> | 31 mm<br>1.22 in     |
| <b>Dimension M</b>  | 44.4 mm<br>1.75 in   |
| <b>Dimension d1</b> | 38.1 mm<br>1.5 in    |
| <b>Dimension S1</b> | 23.51 mm<br>0.926 in |
| <b>Dimension T</b>  | 9.9 mm<br>0.391 in   |

### Basic Load Ratings

|                                   |                     |
|-----------------------------------|---------------------|
| <b>Housing Radial Load Rating</b> | 1340 N<br>300 lb    |
| <b>Static Load Rating</b>         | 7800 N<br>1750 lbf  |
| <b>Dynamic Load Rating</b>        | 15500 N<br>3490 lbf |



|                                |         |     |       |    |
|--------------------------------|---------|-----|-------|----|
| Bearing Number                 | RA100RR |     |       |    |
| Load Ratings - C <sub>r</sub>  | 3490    | lbf | 15500 | N  |
| Load Ratings - C <sub>0r</sub> | 1750    | lbf | 7800  | N  |
| Weight                         | 0.9     | lb  | 0.409 | kg |

**TIMKEN**<sup>®</sup>

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**RCR1**

Cartridge Block Mounted Bearings - Eccentric  
Locking Collar RCR Series

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**