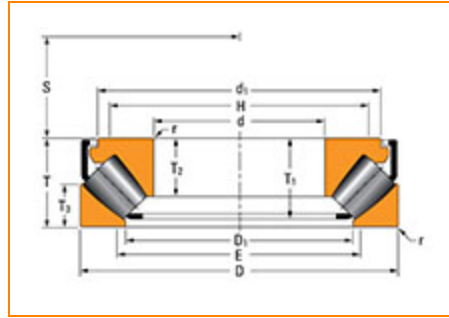




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## Part Number 29448EJ, Thrust Spherical Roller Bearings-Type TSR



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

### Specifications

|              |                                        |
|--------------|----------------------------------------|
| UPC Code     | 87796227675                            |
| Weight       | 73.3 Kg<br>161.6 lb                    |
| Bearing Type | Thrust Spherical Roller Bearings - TSR |

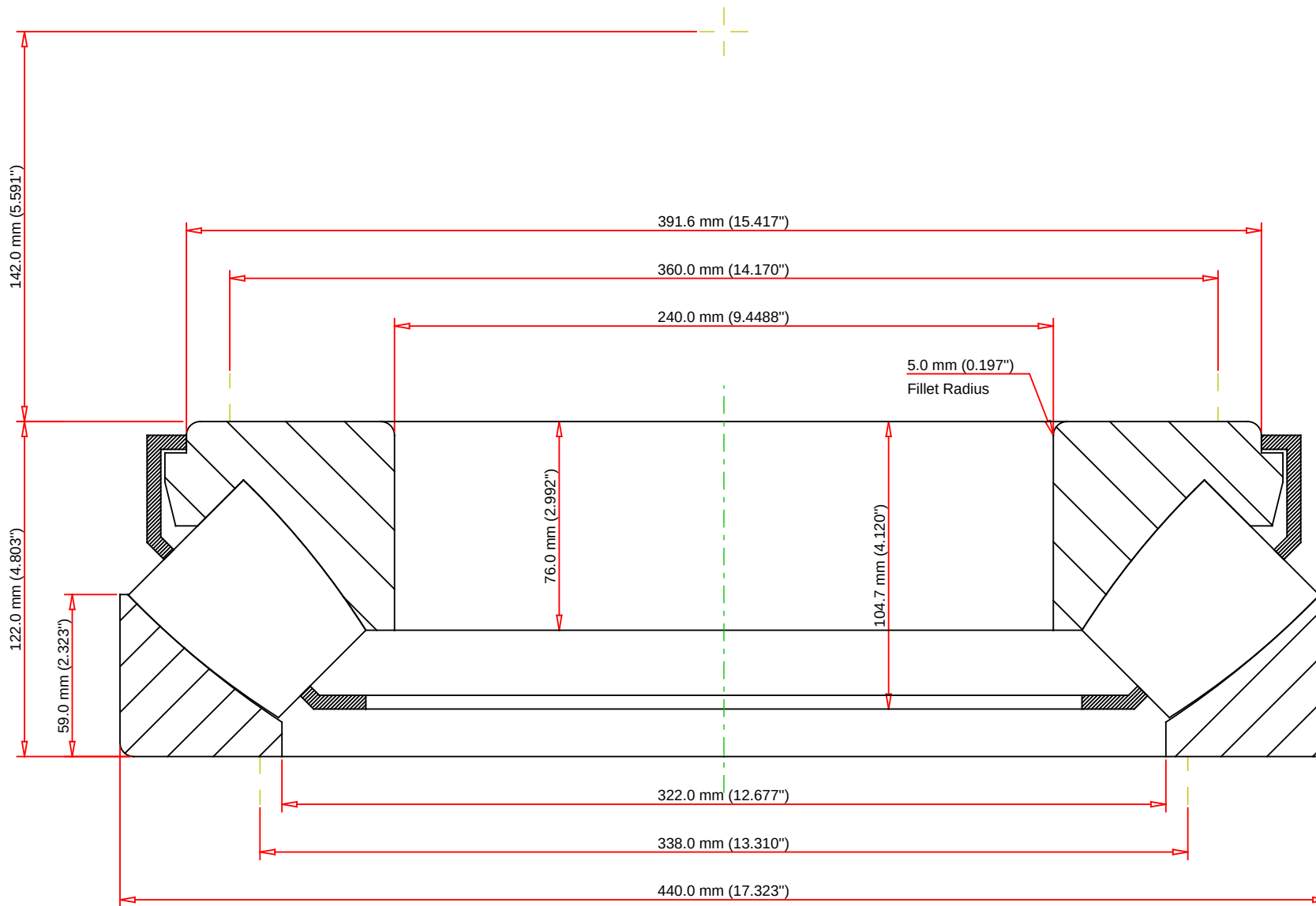
### Dimensions

|                                       |                        |
|---------------------------------------|------------------------|
| d - Bore                              | 9.449 in<br>240.00 mm  |
| D - Outside Diameter                  | 17.323 in<br>440.00 mm |
| d1 - Cone Outside Diameter            | 15.417 in<br>391.60 mm |
| D1 - Cup Bore                         | 12.677 in<br>322.00 mm |
| E - Shoulder Diameter - Housing (Max) | 13.310 in<br>338.00 mm |

|                                            |                       |
|--------------------------------------------|-----------------------|
| <b>H - Shoulder Diameter - Shaft (Min)</b> | 14.17 in<br>360.0 mm  |
| <b>r - Fillet Radius</b>                   | 0.197 in<br>5.00 mm   |
| <b>S - Dimension</b>                       | 5.591 in<br>142.00 mm |
| <b>T - Total Width</b>                     | 4.803 in<br>122.00 mm |
| <b>T1 - Cage Position</b>                  | 4.120 in<br>104.70 mm |
| <b>T3 - Cup Width</b>                      | 2.323 in<br>59.00 mm  |
| <b>T4 - Cone Width</b>                     | 2.992 in<br>76.00 mm  |

## Basic Load Ratings

|                             |                        |
|-----------------------------|------------------------|
| <b>Static Load Rating</b>   | 9520 kN<br>2140000 lbf |
| <b>Dynamic Load Rating</b>  | 3410 kN<br>767000 lbf  |
| <b>Thermal Speed Rating</b> | 770 rpm                |



METRIC UNITS

|                                      |         |     |      |    |
|--------------------------------------|---------|-----|------|----|
| Static Load Rating - C <sub>0a</sub> | 2140000 | lbf | 9520 | kN |
| Dynamic Load Rating - C <sub>a</sub> | 767000  | lbf | 3410 | kN |
| Weight                               | 161.6   | lb  | 73.3 | kg |
|                                      |         |     |      |    |
|                                      |         |     |      |    |

**TIMKEN**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**29448EJ**

Thrust Spherical Roller  
Bearings-Type TSR

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**