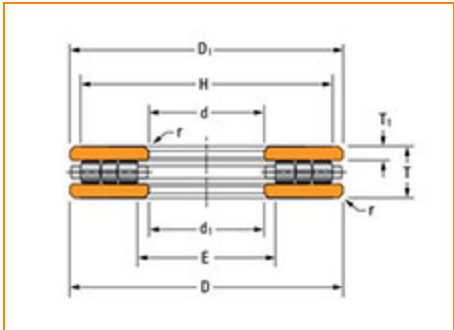




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Part Number 35TP113, Thrust Cylindrical Roller Bearing-Type TP



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| Specifications    |                                         |
|-------------------|-----------------------------------------|
| d - Bore Diameter | 88.900 mm                               |
| Bearing Type      | Thrust Cylindrical Roller Bearings - TP |

| Dimensions         |                         |
|--------------------|-------------------------|
| D - Bearing O.D.   | 132.558 mm<br>5.2188 in |
| T - Bearing Width  | 25.4 mm<br>1 in         |
| T1 - Bearing Width | 7.14 mm<br>0.281 in     |



|                             |                      |
|-----------------------------|----------------------|
| <b>d1 - Large Bore I.D.</b> | 90.49 mm<br>3.562 in |
|-----------------------------|----------------------|

|                                 |                       |
|---------------------------------|-----------------------|
| <b>D1 - Small Diameter O.D.</b> | 130.97 mm<br>5.156 in |
|---------------------------------|-----------------------|

|                                        |                    |
|----------------------------------------|--------------------|
| <b>E - Shoulder Diameter - Housing</b> | 97.6 mm<br>3.84 in |
|----------------------------------------|--------------------|

|                                      |                     |
|--------------------------------------|---------------------|
| <b>H - Shoulder Diameter - Shaft</b> | 123.8 mm<br>4.88 in |
|--------------------------------------|---------------------|

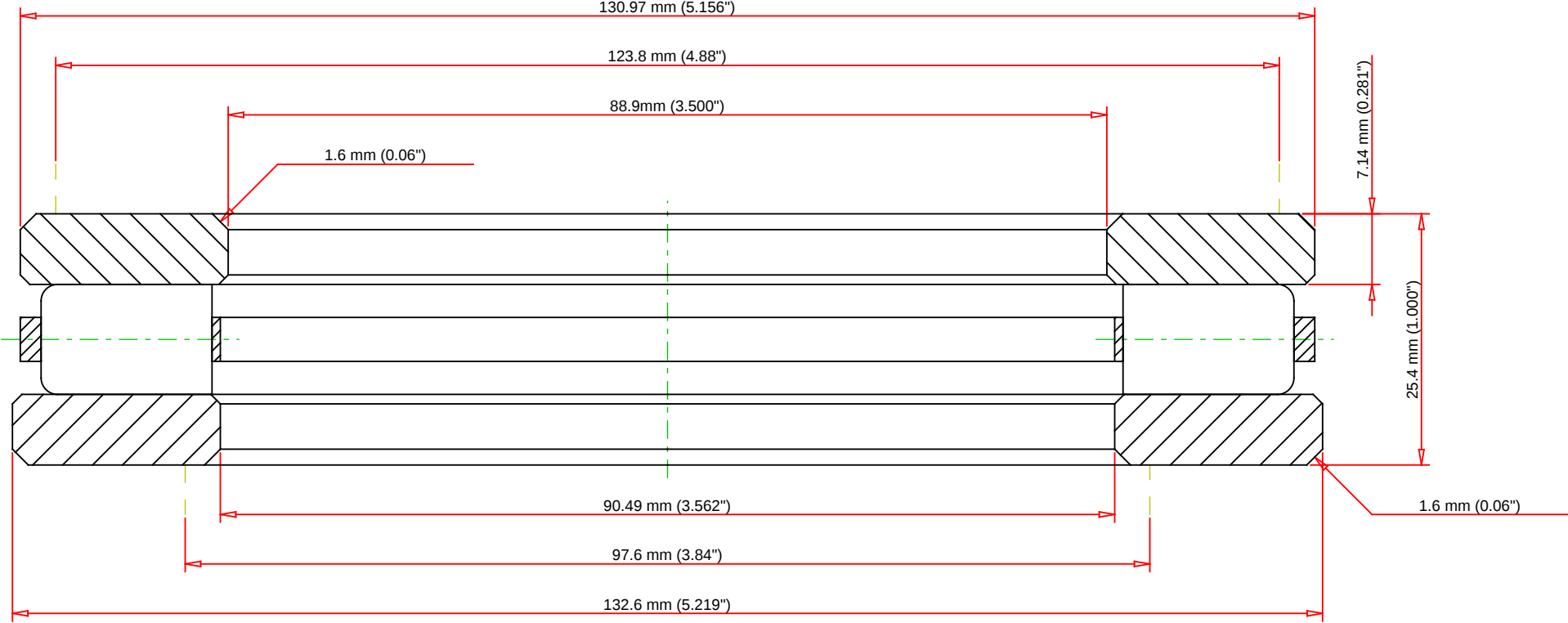
|                           |                   |
|---------------------------|-------------------|
| <b>r - Fillet Chamfer</b> | 1.6 mm<br>0.06 in |
|---------------------------|-------------------|

## Basic Load Ratings

|                           |                        |
|---------------------------|------------------------|
| <b>Static Load Rating</b> | 700000 N<br>146200 lbf |
|---------------------------|------------------------|

|                            |                       |
|----------------------------|-----------------------|
| <b>Dynamic Load Rating</b> | 200000 N<br>37000 lbf |
|----------------------------|-----------------------|

|                       |          |
|-----------------------|----------|
| <b>Limiting Speed</b> | 2190 rpm |
|-----------------------|----------|



METRIC UNITS

|  |                                      |        |     |        |                                              |                                                                                       |                                                         |
|--|--------------------------------------|--------|-----|--------|----------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------|
|  | Static Load Rating - C <sub>0a</sub> | 146200 | lbf | 700000 | N                                            |  | 35TP113<br>Thrust Cylindrical Roller Bearing-Type<br>TP |
|  | Dynamic Load Rating - C <sub>a</sub> | 37000  | lbf | 200000 | N                                            |                                                                                       |                                                         |
|  | Weight                               | 3      | lb  | 1.4    | kg                                           |                                                                                       |                                                         |
|  | Limiting Speed                       | 2190   | RPM |        | THE TIMKEN COMPANY<br>NORTH CANTON, OHIO USA |                                                                                       |                                                         |
|  |                                      |        |     |        |                                              |                                                                                       |                                                         |

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.

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