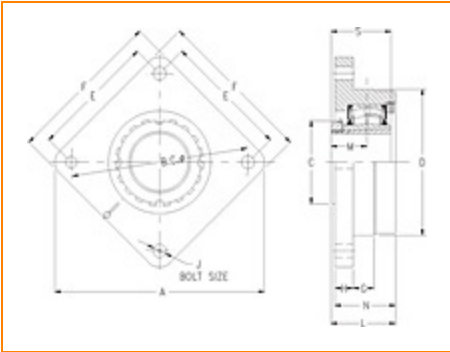




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Part Number TAFC26K407S, Tapered Adapter Four Bolt Square Flange Block



[Specifications](#) | [Dimensions](#) | [Radial and Thrust Factors](#) | [Engineering Seal Speed](#) | [Engineering Bearing Attributes](#) | [Engineering Internal Radial Clearance](#)

Specifications

|                         |                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Group       | Mounted Bearing                                                                                                                                                                    |
| Bearing Number          | 22226                                                                                                                                                                              |
| Shaft Size              | 4 7/16 in                                                                                                                                                                          |
| Shaft Size Type         | Imperial                                                                                                                                                                           |
| Full Timken Part Number | TAFC26K407SB<br>TAFC26K407SC<br>TAFC26K407SEB<br>TAFC26K407SEC<br>TAFC26K407SEM<br>TAFC26K407SEN<br>TAFC26K407SEO<br>TAFC26K407SET<br>TAFC26K407SM<br>TAFC26K407SN<br>TAFC26K407SO |



|                      |                         |
|----------------------|-------------------------|
| TAFC26K407ST         |                         |
| Locking Style        | Tapered Adapter         |
| Housing Construction | Four-Bolt Square Flange |
| UPC Code             | 0883450122177           |
|                      | 0883450122184           |
|                      | 0883450122207           |
|                      | 0883450122214           |
|                      | 0883450122221           |
|                      | 0883450122238           |
|                      | 0883450122245           |
|                      | 0883450122252           |
|                      | 0883450199827           |
|                      | 0883450200028           |
|                      | 0883450277464           |
|                      | 0883450277662           |

Dimensions

|                         |                        |
|-------------------------|------------------------|
| Dimension A1            | 16.20 in<br>411.5 mm   |
| Dimension BC            | 13.98 in<br>355.1 mm   |
| Dimension C             | 6.5 in<br>165.1 mm     |
| Dimension D             | 11.417 in<br>290 mm    |
| Dimension E             | 9.88 in<br>251 mm      |
| Dimension F             | 11.7500 in<br>298.5 mm |
| Dimension H             | 1.26 in<br>32 mm       |
| Dimension J (Bolt Size) | 0.875 in<br>24 mm      |

|                    |                     |
|--------------------|---------------------|
| <b>Dimension G</b> | 1.65 in<br>41.91 mm |
| <b>Dimension L</b> | 5.14 in<br>130.6 mm |
| <b>Dimension M</b> | 2.83 in<br>71.9 mm  |
| <b>Dimension N</b> | 4.5 in<br>114.3 mm  |
| <b>Dimension S</b> | 4.76 in<br>120.9 mm |

### Radial and Thrust Factors

|                                 |                        |
|---------------------------------|------------------------|
| <b>C0 - Static Load</b>         | 212000 lbf<br>945000 N |
| <b>C - Dynamic Load (Basic)</b> | 170000 lbf<br>757000 N |
| <b>e - Geometry Factor</b>      | 0.28                   |
| <b>Y1 - Geometry Factor</b>     | 2.43                   |
| <b>Y2 - Geometry Factor</b>     | 3.61                   |

### Engineering Seal Speed

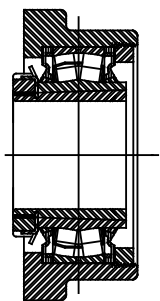
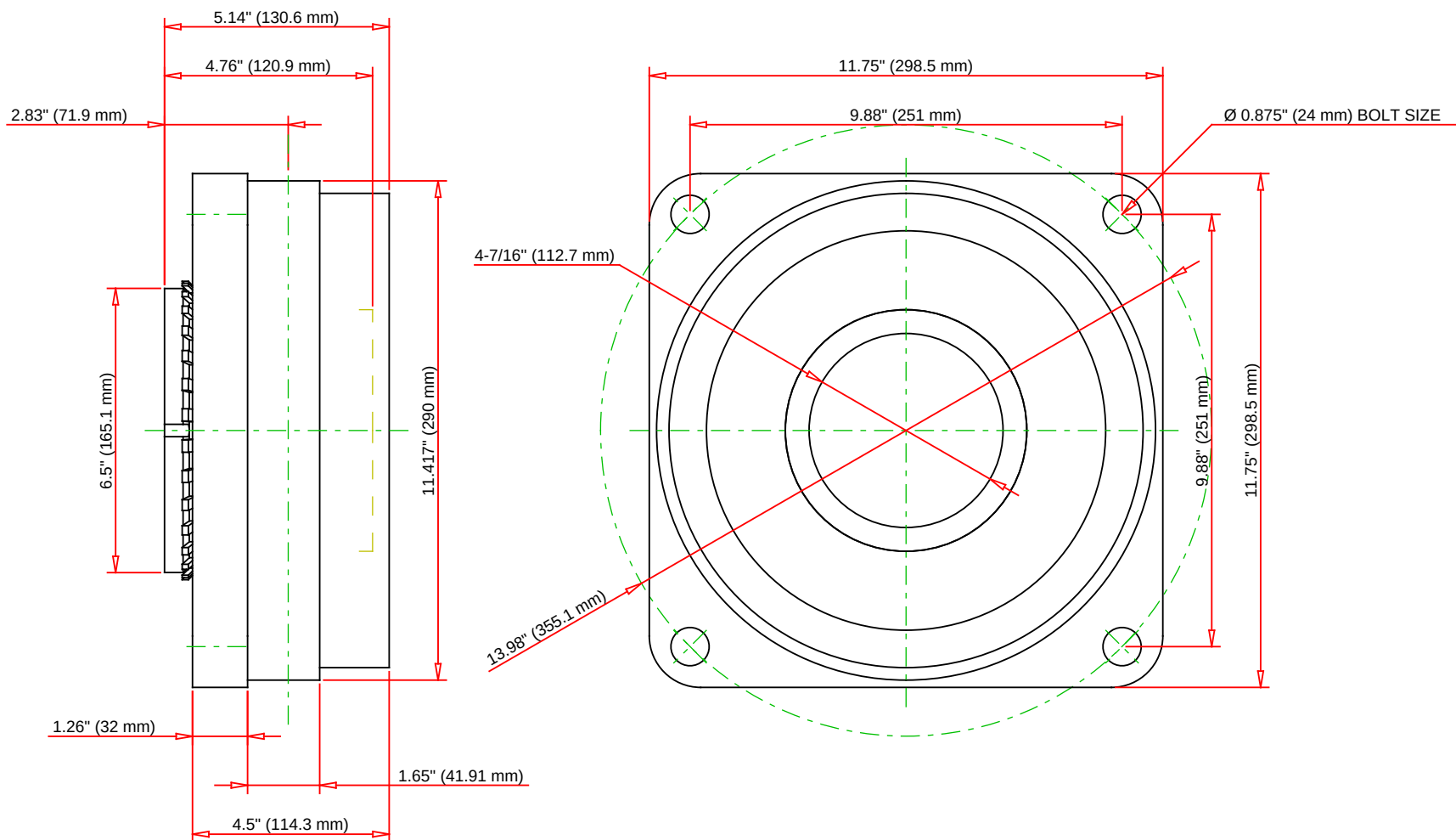
|                                        |          |
|----------------------------------------|----------|
| <b>Oil Lubrication - M/N Seal</b>      | 700 rpm  |
| <b>Oil Lubrication - T Seal</b>        | 1500 rpm |
| <b>Oil Lubrication - B/C/O Seal</b>    | 400 rpm  |
| <b>Grease Lubrication - M/N Seal</b>   | 700 rpm  |
| <b>Grease Lubrication - T Seal</b>     | 1000 rpm |
| <b>Grease Lubrication - B/C/O Seal</b> | 400 rpm  |

Engineering Bearing Attributes

|                 |           |
|-----------------|-----------|
| Float           | 0.083 in  |
|                 | 2.108 mm  |
| Shaft Tolerance | 0.0040 in |
|                 | 0.102 mm  |

Engineering Internal Radial Clearance

|                           |           |
|---------------------------|-----------|
| Pre Install Clearance Min | 0.0063 in |
|                           | 0.160 mm  |
| Pre Install Clearance Max | 0.0079 in |
|                           | 0.201 mm  |



Note: Section View not to Scale

|                             |        |     |        |    |
|-----------------------------|--------|-----|--------|----|
| C - Dynamic Load            | 170000 | lbf | 757000 | N  |
| C0 - Static Load            | 212000 | lbf | 945000 | N  |
| Weight                      | 94     | lb  | 42.6   | kg |
| Max. Speed T-Seals & Grease | 1000   | rpm |        |    |
| Rad. Clearance - Max.       |        |     |        |    |

**TIMKEN**

THE TIMKEN COMPANY  
NORTH CANTON, OHIO USA

**TAFC26K407S**

Tapered Adapter Four Bolt Square  
Flange Block

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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