**DIMENSION PRINT**

**TEFC, VERTICALLY MOUNTED WITH OVERSIZED BOX**

**FRAME: 250TC**

**BASIC TYPE: TCF, CEF**

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**ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS**

<table>
<thead>
<tr>
<th>UNITS</th>
<th>C</th>
<th>P</th>
<th>U</th>
<th>AA</th>
<th>AB</th>
<th>AC</th>
<th>AF</th>
<th>AG</th>
<th>AH</th>
<th>AJ</th>
<th>AK</th>
<th>BB</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN</td>
<td>26.34</td>
<td>13.31</td>
<td>1.625</td>
<td>2 NPT</td>
<td>12.56</td>
<td>9.06</td>
<td>3.25</td>
<td>22.59</td>
<td>3.75</td>
<td>7.250</td>
<td>8.500</td>
<td>.31</td>
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<tr>
<td>MM</td>
<td>669</td>
<td>338</td>
<td>41.28</td>
<td></td>
<td>396</td>
<td>230</td>
<td>83</td>
<td>574</td>
<td>95</td>
<td>184.15</td>
<td>215.90</td>
<td>8</td>
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<table>
<thead>
<tr>
<th>UNITS</th>
<th>BC</th>
<th>BD MAX</th>
<th>BE</th>
<th>BE³</th>
<th>BV</th>
<th>ES MIN</th>
<th>SQ KEY</th>
<th>XO</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN</td>
<td>.25</td>
<td>10.00</td>
<td>.03</td>
<td>1/2-13X.75</td>
<td>10.00</td>
<td>2.91</td>
<td>.375</td>
<td>15.96</td>
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<tr>
<td>MM</td>
<td>6</td>
<td>254</td>
<td>3</td>
<td></td>
<td>254</td>
<td>74</td>
<td>9.53</td>
<td>405</td>
</tr>
</tbody>
</table>

1. ALL ROUGH DIMENSIONS MAY VARY BY .25° DUE TO CASTING AND/OR FABRICATION VARIATIONS.
2. LARGEST MOTOR WIDTH.
3. TAP SIZE AND BOLT PENETRATION ALLOWANCE.
4. CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OR ON TOP OF MOTOR. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
5. ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.

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**TOLERANCES**

- FACE RUNOUT: .004 T.I.R.
- PERMISSIBLE ECCENTRICITY OF MOUNTING RABBIT: .004 T.I.R.
- PERMISSIBLE SHAFT RUNOUT FOR SPECIAL SHAFT RUNOUT: .002 T.I.R.

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**Nidec Motor Corporation**

St. Louis, Missouri

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