**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>
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</thead>
<tbody>
<tr>
<td>IN</td>
<td>18.09</td>
<td>7.31</td>
<td>.8750</td>
<td>.75</td>
<td>6.09</td>
<td>4.50</td>
<td>1.59</td>
<td>15.84</td>
<td>2.13</td>
<td>5.875</td>
<td>4.50</td>
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<td>MM</td>
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<td>186</td>
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<td>155</td>
<td>114</td>
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<td>402</td>
<td>54</td>
<td>149.23</td>
<td>114.30</td>
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<tr>
<th>UNITS</th>
<th>BC</th>
<th>BD MAX</th>
<th>BV</th>
<th>BF</th>
<th>B1</th>
<th>ES MIN</th>
<th>SQ KEY</th>
<th>XP</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN</td>
<td>.13</td>
<td>6.50</td>
<td>7.38</td>
<td>3/8-16 X .75</td>
<td>2.94</td>
<td>1.41</td>
<td>.188</td>
<td>6.54</td>
</tr>
<tr>
<td>MM</td>
<td>3</td>
<td>165</td>
<td>187</td>
<td></td>
<td>75</td>
<td>36</td>
<td>4.78</td>
<td>166</td>
</tr>
</tbody>
</table>

**NOTE:**
- THIS PRINT IS GOOD FOR MOTORS WITH STEARNS BRAKE 56.XXX SERIES, (NEMA 1, IP21) ENCLOSURE RANGING FROM 1.5 THRU 15 LB. FT.

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: ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
5: CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OF MOTOR. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 180° REGARDLESS OF LOCATION, STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
6: TOLERANCES SHOWN ARE IN INCHES ONLY.
7: FRAME REFERENCE: 6.750/143/145

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**EFFECTIVE:** 21-NOV-13

**SUPERSEDES:** 26-MAY-11

**DIMENSION PRINT**
WITH "C" BRACKET AND STEARNS BRAKE
FRAME: 140TC  
BASIC TYPE: UTF

**PRINT:** 07-2668  
**SHEET:** 1 OF 1

Nidec Motor Corporation  
St. Louis, Missouri

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