VERTICAL MOTORS
EXPLOSION PROOF
FRAME: 143, 145TC, TCV
BASIC TYPE: LF, LV, NF, NV

ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

<table>
<thead>
<tr>
<th>UNITS</th>
<th>C</th>
<th>P</th>
<th>U</th>
<th>V</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>
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<tbody>
<tr>
<td>IN</td>
<td>14.50</td>
<td>7.75</td>
<td>.8750</td>
<td>2.00</td>
<td>6.56</td>
<td>5.19</td>
<td>1.75</td>
<td>12.38</td>
<td>2.13</td>
<td>5.875</td>
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<tr>
<td>mm</td>
<td>368</td>
<td>197</td>
<td>22.225</td>
<td>51</td>
<td>167</td>
<td>132</td>
<td>44</td>
<td>314</td>
<td>54</td>
<td>149.23</td>
<td>114.30</td>
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<table>
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<tr>
<th>UNITS</th>
<th>BB</th>
<th>BD</th>
<th>BE</th>
<th>BF</th>
<th>BV</th>
<th>ES</th>
<th>SQ</th>
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<tbody>
<tr>
<td>IN</td>
<td>.16</td>
<td>6.50</td>
<td>.56</td>
<td>3/8 16 X .56</td>
<td>6.81</td>
<td>1.41</td>
<td>.168</td>
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<td>165</td>
<td>14</td>
<td>173</td>
<td>36</td>
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</table>

1: ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
2: TAP SIZE AND BOLT PENETRATION ALLOWANCE
3: CONDUIT OPENING MAY BE LOCATED IN STEPS OF 90 DEGREES, REGARDLESS OF LOCATION.
STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
4: LARGEST MOTOR WIDTH.
5: DIMENSION MEASURED WITH MOTOR IN VERTICAL POSITION SHAFT DOWN.
6: TOLERANCES SHOWN ARE IN INCHES ONLY.

INFORMATION DISCLOSED ON THIS DOCUMENT IS CONSIDERED PROPRIETARY AND SHALL NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN CONSENT OF NIDEC MOTOR CORPORATION

Nidec Motor Corporation
St. Louis, Missouri

ISSUED BY
E. WENDT
APPROVED BY
K. POTTER