VERTICAL MOTORS
WEATHER PROTECTED TYPE I
FRAME: 182, 184VP
BASIC TYPE: AV4

ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

<table>
<thead>
<tr>
<th>UNITS</th>
<th>C</th>
<th>P</th>
<th>U</th>
<th>V MIN</th>
<th>AA</th>
<th>AB</th>
<th>AC</th>
<th>AF</th>
<th>AG</th>
<th>AH ± .062</th>
<th>AJ</th>
<th>AK ± .003</th>
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<tbody>
<tr>
<td>IN</td>
<td>18.00</td>
<td>9.50</td>
<td>1.125</td>
<td>2.75</td>
<td>1.00</td>
<td>7.30</td>
<td>6.14</td>
<td>2.63</td>
<td>15.25</td>
<td>2.750</td>
<td>9.125</td>
<td>8.250</td>
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<td>MM</td>
<td>457</td>
<td>241</td>
<td>28.575</td>
<td>70</td>
<td>185</td>
<td>156</td>
<td>67</td>
<td>387</td>
<td>69.65</td>
<td>231.78</td>
<td>209.55</td>
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<table>
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<tr>
<th>UNITS</th>
<th>BB MIN</th>
<th>BD MAX</th>
<th>BE</th>
<th>BF</th>
<th>BV</th>
<th>ES MIN</th>
<th>EU ± .005</th>
<th>EW ± .002</th>
<th>EX ± .005</th>
<th>XR</th>
<th>SQ KEY</th>
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<tbody>
<tr>
<td>IN</td>
<td>.19</td>
<td>10.00</td>
<td>.81</td>
<td>.44</td>
<td>6.50</td>
<td>1.25</td>
<td>.875</td>
<td>.375</td>
<td>.730</td>
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<tr>
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<td>254</td>
<td>21</td>
<td>11</td>
<td>165</td>
<td>32</td>
<td>22.23</td>
<td>6.53</td>
<td>19.05</td>
<td>.8</td>
<td>6.35</td>
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</tbody>
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1. ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
2. LARGEST MOTOR WIDTH.
3. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90 DEGREES REGARDLESS OF LOCATION: STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
4. TAP SIZE AND BOLT PENETRATION ALLOWANCE.
5. ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
6. TOLERANCES SHOWN ARE IN INCHES ONLY.

TOLERANCES

- FACE RUNOUT
- PERMISSIBLE ECCENTRICITY OF MOUNTING RABBIT
- PERMISSIBLE SHAFT RUNOUT

EFFECTIVE: 01-AUG-11
SUPERSEDES: 16-OCT-01
PRINT: 09-2324
SHEET: 1 OF 1

Nidec Motor Corporation
St. Louis, Missouri

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