VERTICAL MOTORS
WEATHER PROTECTED TYPE I
FRAME: 182, 184TCV
BASIC TYPE: AV

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

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.

### Dimensions 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</th>
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<tbody>
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<td>IN</td>
<td>18.03</td>
<td>9.50</td>
<td>1.1250</td>
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<td>1.00</td>
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<td>5.41</td>
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<td>15.41</td>
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<td>MM</td>
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<td>241</td>
<td>26.575</td>
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<td>167</td>
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<th>UNITS</th>
<th>AJ</th>
<th>AK</th>
<th>BB_MIN</th>
<th>BB_MAX</th>
<th>BF</th>
<th>BV</th>
<th>ES_MIN</th>
<th>XO</th>
<th>SO</th>
<th>KEY</th>
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<td>IN</td>
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<td>.003</td>
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<td>215.90</td>
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### Tolerances

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