HORIZONTAL MOTORS
CLOSE-COUPLING PUMP - VERTICAL MOUNTING
FRAME: 320JPV
BASIC TYPE: DF-1, FDF-1

ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

<table>
<thead>
<tr>
<th>UNITS</th>
<th>P 5</th>
<th>U 6 - .0005</th>
<th>AA</th>
<th>AB</th>
<th>AC</th>
<th>AF</th>
<th>AG ± .031</th>
<th>AH ± .005</th>
<th>AJ</th>
<th>AK 6 - .005</th>
<th>BB MIN</th>
<th>BB MAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN</td>
<td>14.19</td>
<td>1.2495</td>
<td>2.00</td>
<td>12.69</td>
<td>9.31</td>
<td>3.25</td>
<td>30.71</td>
<td>8.125</td>
<td>11.00</td>
<td>12.500</td>
<td>.313</td>
<td>13.00</td>
</tr>
<tr>
<td>MM</td>
<td>360</td>
<td>31.737</td>
<td></td>
<td>322</td>
<td>237</td>
<td>83</td>
<td>780</td>
<td>206.38</td>
<td>279</td>
<td>317.50</td>
<td>7.95</td>
<td>330</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNITS</th>
<th>BF 2.3</th>
<th>BV</th>
<th>EL 6 - .002</th>
<th>EM 6 - .0005</th>
<th>EN 2.3</th>
<th>EP MIN</th>
<th>EQ 6 ± .015</th>
<th>ER MIN</th>
<th>ES MIN</th>
<th>ET 6 ± .020</th>
<th>XC</th>
<th>SQ KEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN</td>
<td>5/8-11 X .94</td>
<td>17.00</td>
<td>1.750</td>
<td>1.3750</td>
<td>12-13 X 1.00</td>
<td>2.13</td>
<td>2.375</td>
<td>8.13</td>
<td>2.53</td>
<td>5.875</td>
<td>2.50</td>
<td>.250</td>
</tr>
<tr>
<td>MM</td>
<td>432</td>
<td>44.45</td>
<td>34.925</td>
<td>64</td>
<td>149.23</td>
<td>64</td>
<td>6.35</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. ALL ROUGH DIMENSIONS MAY VARY BY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.
2. TAP SIZE AND BOLT PENETRATION ALLOWANCE.
3. ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.
4. STANDARD ASSEMBLY POSITION F-1 IS SHOWN. F-2 IS PROVIDED WHEN SPECIFIED. CONDUIT OPENINGS MAY BE LOCATED IN STEPS OF 90° REGARDLESS OF LOCATION. STANDARD AS SHOWN WITH CONDUIT OPENING DOWN.
5. LARGEST MOTOR WIDTH
6. TOLERANCES SHOWN ARE IN INCHES ONLY.

TOLERANCES
FACE RUNOUT .004 T.I.R.
PERMISSIBLE ECCENTRICITY OF MOUNTING RABBET .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

07-2194/A

Nidec Motor Corporation
St. Louis, Missouri

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