**HORIZONTAL MOTORS**

**OPEN**  
FRAME: 56C  
BASIC TYPE: DF

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**ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS**

<table>
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<tr>
<th></th>
<th>C</th>
<th>P</th>
<th>U</th>
<th>AA</th>
<th>AG</th>
<th>AH</th>
<th>AJ</th>
<th>AK</th>
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<td>11.37</td>
<td>8.50</td>
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<td>2.06</td>
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<td>4.500</td>
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<td>165</td>
<td>15.875</td>
<td>236</td>
<td>52</td>
<td>149.23</td>
<td>114.30</td>
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<th>BB MAX</th>
<th>BV</th>
<th>ES MIN</th>
<th>SQ KEY</th>
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**TOLERANCES**

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

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1. ALL ROUGH DIMENSIONS MAY VARY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS.  
2. ALL TAPPED HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD.  
3. LARGEST MOTOR WIDTH.  
4. TAP SIZE AND BOLT PENETRATION ALLOWANCE.  
5. TOLERANCES ARE ALL IN INCHES.  
6. FRAME REFERENCE: 7.000/56

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

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Nidec Motor Corporation  
St. Louis, Missouri