HORIZONTAL MOTORS
UNIMOUNT VECTOR DUTY
FRAME: 143, 145TC
BASIC TYPE: UTNX

FOR ENCODER AND BRAKE CONFIGURATIONS SEE SHEET 2

ALL DIMENSIONS ARE IN INCHES AND MILLIMETERS

<table>
<thead>
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<th>UNITS</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>E</th>
<th>2E</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>K2</th>
<th>O</th>
<th>P^2</th>
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<td>.34</td>
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<th>AB</th>
<th>AC</th>
<th>AF</th>
<th>AH</th>
<th>AJ</th>
<th>AK -.003</th>
<th>BA</th>
<th>BB MIN</th>
<th>BC</th>
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<th>BF 3.4</th>
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<th>ES MIN</th>
<th>EV</th>
<th>FAH</th>
<th>FES MIN</th>
<th>FU -.0005</th>
<th>ODE SO KEY</th>
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<tbody>
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1. DIMENSIONS MAY VARY .25" DUE TO CASTING AND/OR FABRICATION VARIATIONS
2. LARGEST MOTOR WIDTH
3. ALL TAP HOLES ARE UNIFIED NATIONAL COARSE, RIGHT HAND THREAD
4. TAP SIZE AND BOLT PENETRATION ALLOWANCE
5. BASIC CONDUIT FITTING SIZE. HOLE OPENING ON THE SIDE OF THE CONDUIT BOX (REPRESENTED BY A DASHED CIRCLE) WILL ACCEPT A .50 BASIC CONDUIT FITTING
6. THE CONDUIT BOX MAY BE LOCATED ON EITHER SIDE OF THE MOTOR. THE CONDUIT OPENING(S) MAY BE LOCATED IN STEPS OF 180° REGARDLESS OF LOCATION. STANDARD LOCATION IS SHOWN WITH THE CONDUIT OPENING DOWN
7. TOLERANCES ARE SHOWN IN INCHES ONLY
8. FRAME REFERENCE: 8.00/1 AND 1.5 HP AND 9.00/2 HP

FOR ENCODER AND BRAKE CONFIGURATIONS SEE SHEET 2

Nidec Motor Corporation
St. Louis, Missouri

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ISSUED BY

R. TIMMERMANN
M. CULLEN

APPROVED BY

07-3118/A
ACCOMMODATE SHAFT MOUNTED ENCODER
FOR DYNAPAR ENCODER KIT ADD 1.20\" TO THE "C" DIMENSION
FOR EPC ENCODER KIT ADD .76\" TO THE "C" DIMENSION

ACCOMMODATE BRAKE
FOR BRAKE ADD 2.13\" TO THE "C" DIMENSION

ACCOMMODATE FLANGE MOUNT ENCODER AND BRAKE
FOR BRAKE WITH SL56 ENCODER ADD 2.87\" TO THE "C" DIMENSION
FOR BRAKE WITH 770 ENCODER ADD 3.11\" TO THE "C" DIMENSION