<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>VOLTAGE (Vdc)</th>
<th>RATED CURRENT (mA)</th>
<th>MIN. TORQUE @ 25°C (oz-in)</th>
<th>RESISTANCE ±10% @ 25°C (OHMS)</th>
<th>NIMINAL POWER (WATTS)</th>
<th>MAX SPEED (RPM)</th>
<th>POWER RATING @ 5 MINUTES (WATTS)</th>
<th>POWER RATING CONTINUOUS (WATTS)</th>
<th>RESIDUAL TORQUE @ 1000 RPM (Nm)</th>
<th>ROTOR INERTIA (kg cm²)</th>
<th>ANGULAR ACCELERATION (rad / s²)</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>EB-140</td>
<td>24</td>
<td>270</td>
<td>169.9</td>
<td>95</td>
<td>6.1</td>
<td>12,000</td>
<td>300</td>
<td>75</td>
<td>767.47 x 10⁻⁸</td>
<td>1.00 kg cm²</td>
<td>8.85 x 10⁻⁴ lb-in sec²</td>
<td>12,000</td>
</tr>
<tr>
<td>EB-140</td>
<td>24</td>
<td>270</td>
<td>1.20 Nm</td>
<td>95</td>
<td>6.1</td>
<td>12,000</td>
<td>300</td>
<td>75</td>
<td>5.42 x 10⁻³</td>
<td>1.00 kg cm²</td>
<td>1.00 kg</td>
<td>12,000</td>
</tr>
</tbody>
</table>

**THIRD ANGLE PROJECTION**

**SCALE** 1:2

**DETAIL A** SCALE 3 : 2


**SCALE** 3 : 2

**DETAIL A** SCALE 3 : 2

3x M4-0.7 TAP .35 [8.9] 1.496 [38] B.C.

**ELECTRIC HYST. BRAKE**

**UNLESS OTHERWISE SPECIFIED:**

- DECIMAL: .XX ± .01   .XXX ± .005
- ANGULAR: ± 1°
- GEN. CONCENTRICITY: .001 T.I.R.
- MACH. FILLETS: .015 R
- MACH. EDGES: .015 R OR CHMF.
- UNSPECIFIED RADIUS: .250 R IN MICRINCHES RMS 32
- GEOMETRIC: TO MIL-ST'D. 8
- REMOVE ALL BURRS & SHARP EDGES

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NOTE:
1. ACTUAL CURVE MAY VARY. THE TORQUE AT THE RATED CURRENT IS THE MINIMUM GUARANTEED TORQUE AT THAT CURRENT. TYPICAL BRAKES CAN BE 10-25% OVER RATED TORQUE, BUT THOSE RESULTS ARE NOT GUARANTEED.

TORQUE AT RATED CURRENT
1.20 Nm / 169.9 oz-in @ 270 mA

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMAL: .XX ± .01   .XXX ± .005
ANGULAR: ± 1°
GEN. CONCENTRICITY: .001 T.I.R.
MACH. FILLETS: .010 R
MACH. EDGES: .015 R OR CHMF.
UNSPECIFIED RADII: .015 R
IN MICROINCHES RMS 32
GEOMETRIC: TO MIL-ST'D.

WEIGHT: 43 TOWN FOREST ROAD OXFORD, MA 01540

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