FULL MORTISE TEMPLATE HINGES
ELECTRIC THROUGH WIRE
AND MONITOR TYPE ETM

SIZES: 4 1/2 x 4 -- 4 1/2 x 4 1/2
(114.30 x 101.60) (114.30 x 114.30)

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DOOR LEAF

FRAME LEAF

1.000 (25.40) ---

.375 (9.53) ---

.508 (12.90) ---

1.125 (28.58) ---

SEE NOTE B

2.250 (57.15) ---

4 1/2 (114.30) ---

SEE NOTE A

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ETV MAXIMUM ELECTRICAL RATING SWITCH

VOLTS: 48V DC/AC

AMPERES: 1.0A

CONTACT THROUGH WIRE VOLTS: 48V DC/AC

AMPERES: 3.5A CONTINUOUS CURRENT
16.0A CURRENT INRUSH (300 MILLISECONDS)

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DRILLING INSTRUCTIONS

NOTE A:

DRILL AND DEBURR Ø 1 (25.40)

HOLE IN FRAME REINFORCEMENT

FOR THROUGH WIRES.

NOTE B:

DRILL AND DEBURR Ø 3/4 (19.05)

HOLE IN DOOR REINFORCEMENT

FOR THROUGH WIRES.

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-DO NOT SCALE-

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<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>STEEL HINGES</th>
<th>NON-FERROUS HINGES</th>
<th>METAL GAUGE</th>
<th>METAL RAISE</th>
<th>KNUCKLE DIAMETER</th>
<th>(F) DISTANCE FROM EDGE OF LEAF TO SWAGE LINE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BB1279-ETM</td>
<td>BB1191-ETM</td>
<td>.134 (3.40)</td>
<td>.39/64 (15.48)</td>
<td>1 5/8 (41.28)</td>
<td>1 7/8 (47.63)</td>
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<tr>
<td></td>
<td>BB1168-ETM</td>
<td>BB1199-ETM</td>
<td>.180 (4.57)</td>
<td>.45/64 (17.86)</td>
<td>1 9/16 (39.69)</td>
<td>1 13/16 (46.04)</td>
</tr>
</tbody>
</table>

ALL NON-BRACKETED DIMENSIONS ARE IN INCHES, ALL BRACKETED DIMENSIONS ARE IN MILLIMETERS.

Machine Screw Size= 12-24 x 1/2" F.H.

Wood Screw Size= No. 12 x 1 1/4" F.H.

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NOTE: This hinge is intended to be used in the center position.

Hospital type and round corner template hinges conform to the above screw size and location. They are designated by "HT" and "RC" to catalog number.

Hager template hinges are made in size, gauge and with screw holes located to conform to ANSI-A156.7.

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HAGER RESERVES THE RIGHT TO MAKE DESIGN CHANGES WITHOUT NOTICE. CALL HAGER ENGINEERING AT 1-800-325-0995 FOR LATEST REVISION DATE OF TEMPLATE.