NOTES:
1. DO NOT SCALE DRAWING.
2. LEFT HAND DOOR SHOWN.
3. DIMENSIONS ARE IN INCHES/(MM).
4. CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR PLASTIC FACED COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER’S LISTINGS.
5. SEE CATALOG FOR REVEAL INFORMATION.
6. MAXIMUM OPENING 180°.
7. SEE CATALOG FOR HOLD OPEN RANGE.
8. OPTIONAL DPK FASTENERS (DPK89) FOR STEEL DOOR & FRAME ONLY.

<table>
<thead>
<tr>
<th>ANGLE</th>
<th>DIM. &quot;A&quot; CLOSER</th>
<th>DIM. &quot;B&quot; ARM SHOE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO 100°</td>
<td>12-7/8 (327)</td>
<td>12-5/8 (321)</td>
</tr>
<tr>
<td>OVER 100°</td>
<td>8-7/8 (225)</td>
<td>8-5/8 (219)</td>
</tr>
</tbody>
</table>

FOR 1/4-20 MACHINE SCREWS USE 7/32 DRILL FOR No. 14 WOOD SCREWS USE 5/32" DRILL DPK FASTENERS DRILL 1/8" PILOT HOLE FOUR (4) HOLES IN FRAME FOR CLOSER

FOR 1/4-20 MACHINE SCREWS USE 7/32 DRILL FOR No. 14 WOOD SCREWS USE 5/32" DRILL DPK FASTENERS DRILL 1/8" PILOT HOLE FOR SEX NUTS USE 3/8" DRILL TWO (2) HOLES IN DOOR FOR ARM SHOE

DOOR CLOSER MODELS: 8916, 8956 AF89J, PH, PHP
TOP JAMB INSTALLATION (PUSH SIDE MOUNT)
DOOR CLOSER MODELS: 8916, 8956 AFJ, PHJ
TOP JAMB DROP INSTALLATION (PUSH SIDE MOUNT)
WITH PLATE BP89

NOTES:
1. DO NOT SCALE DRAWING.
2. LEFT HAND DOOR SHOWN.
3. DIMENSIONS ARE IN INCHES/(MM).
4. CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR PLASTIC FACED COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER’S LISTINGS.
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6. MAXIMUM OPENING 180°.
7. SEE CATALOG FOR HOLD OPEN RANGE.
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<table>
<thead>
<tr>
<th>ANGLE OF OPENING</th>
<th>DIM. &quot;B&quot; ARM SHOE</th>
<th>DIM. &quot;C&quot; PLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TO 100°</td>
<td>12-5/8 (321)</td>
<td>11-1/8 (283)</td>
</tr>
<tr>
<td>OVER 100°</td>
<td>8-5/8 (219)</td>
<td>7-1/8 (181)</td>
</tr>
</tbody>
</table>

FOR 1/4-20 MACHINE SCREWS USE 7/32 DRILL
FOR No. 14 WOOD SCREWS USE 5/32" DRILL
DPK FASTENERS DRILL 1/8" PILOT HOLE
FOUR (4) HOLES IN FRAME FOR PLATE