Always consult DORMA’s web site for latest template at www.dorma-usa.com or call 1-800-523-8483.

DOOR CLOSER MODELS: 7303 - 7305 FHP
PARALLEL ARM INSTALLATION (PUSH SIDE MOUNT)

NOTES:
1. DO NOT SCALE DRAWING.
2. DIMENSIONS ARE IN INCHES/(MM).
3. LEFT HAND DOOR SHOWN.
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. MAX. OPENING IS 180°.
6. OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR & FRAME ONLY.

<table>
<thead>
<tr>
<th>ANGLE OF OPENING</th>
<th>DIM. &quot;A&quot; CLOSER</th>
<th>DIM.&quot;B&quot; BRACKET</th>
</tr>
</thead>
<tbody>
<tr>
<td>0° TO 100°</td>
<td>7-1/8 (181)</td>
<td>9-1/4 (335)</td>
</tr>
<tr>
<td>100° TO 130°</td>
<td>5-5/8 (143)</td>
<td>7-3/4 (197)</td>
</tr>
<tr>
<td>OVER 130°</td>
<td>4-5/8 (117)</td>
<td>6-3/4 (171)</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 PA BRACKET
DOOR CLOSER MODELS: 7303 - 7305 FHP
PARALLEL ARM INSTALLATION (PUSH SIDE MOUNT)
WITH PLATES DP73, DP86

DORMA Architectural Hardware
Reamstown, PA 17567

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 PA BRACKET

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
FOUR (4) HOLES IN DOOR FOR PLATE

NOTES:
1. DO NOT SCALE DRAWING.
2. DIMENSIONS ARE IN INCHES/(MM).
3. LEFT HAND DOOR SHOWN.
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. MAX. OPENING IS 180°.
6. OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR & FRAME ONLY.

<table>
<thead>
<tr>
<th>ANGLE OF DOOR OPENING</th>
<th>DIM. &quot;B&quot; BRACKET</th>
<th>DIM. &quot;C&quot; PLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0° TO 100°</td>
<td>9-1/4 (235)</td>
<td>8-5/8 (219)</td>
</tr>
<tr>
<td>100° TO 130°</td>
<td>7-3/4 (197)</td>
<td>7-1/8 (181)</td>
</tr>
<tr>
<td>OVER 130°</td>
<td>6-3/4 (171)</td>
<td>6-1/8 (155)</td>
</tr>
</tbody>
</table>