NOTES:
1) DO NOT SCALE THIS DRAWING
2) DIMENSIONS ARE IN INCHES / [MM]
3) RIGHT HAND DOOR IS SHOWN
4) CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR PLASTIC FACE COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER'S LISTINGS.
5) OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR & FRAME ONLY.

For 5/16-18 machine screws, use #F (0.257") drill & tap
For No. 20 wood screws, use 7/32" drill
For DPK fasteners, use 1/8" drill
Two (2) holes in frame are for arm shoe (shown)

<table>
<thead>
<tr>
<th>ANGLE OF HOLD OPEN</th>
<th>ANGLE OF CUSHION</th>
<th>DIMENSION &quot;A&quot; (CLOSER)</th>
<th>DIMENSION &quot;B&quot; (ARM SHOE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>85°</td>
<td>86° - 91°</td>
<td>13&quot; [330]</td>
<td>11&quot; [279]</td>
</tr>
<tr>
<td>90°</td>
<td>91° - 96°</td>
<td>12-1/4&quot; [311]</td>
<td>10-1/4&quot; [260]</td>
</tr>
<tr>
<td>100°</td>
<td>101° - 106°</td>
<td>11-1/2&quot; [292]</td>
<td>9-1/2&quot; [241]</td>
</tr>
</tbody>
</table>

"A"  
5" [127]  
2-1/8"  [54]  
1-11/16" [43]  
4-7/8"  [124]  
"B"  
CEILING HEIGHT  
2-1/4" MIN.  [57]  

For 1/4-20 machine screws, use 13/64" or #7 drill & tap
For No. 14 wood screws, use 5/32" drill
For DPK fasteners, use 1/8" drill
For sex nuts, use 3/6" drill
Four (4) holes in door are for closer (shown)

DOOR CLOSER MODELS: 8916 & 8956 SISH
REGULAR INSTALLATION (PULL SIDE MOUNT)
SPRING INTEGRA CUSHION ARM

DORMA Architectural Hardware
Reamstown, PA 17567
NOTES:
1) DO NOT SCALE THIS DRAWING
2) DIMENSIONS ARE IN INCHES / [MM]
3) RIGHT HAND DOOR IS SHOWN
4) CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR PLASTIC FACE COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER'S LISTINGS.
5) OPTIONAL DPK FASTENERS (DPK66) FOR STEEL DOOR & FRAME ONLY.

FOR 5/16-18 MACHINE SCREWS, USE #F (0.257") DRILL & TAP
FOR NO.20 WOOD SCREWS, USE 7/32" DRILL
FOR DPK FASTENERS, USE 1/8" DRILL
TWO (2) HOLES IN FRAME ARE FOR ARM SHOE (SHOWN)

C. OF HINGE OR PIVOT

FOR 1/4-20 MACHINE SCREWS, USE 13/64" OR #7 DRILL & TAP
FOR NO.14 WOOD SCREWS, USE 5/32" DRILL
FOR DPK FASTENERS, USE 1/8" DRILL
FOR SEX NUTS, USE 3/8" DRILL
FOUR (4) HOLES IN DOOR ARE FOR BACK PLATE (SHOWN)

### TABLE

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</tr>
<tr>
<td>110°</td>
<td>111° - 116°</td>
<td>9&quot;</td>
<td>8-3/4&quot;</td>
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CEILING HEIGHT 2-1/4" MIN. [57]