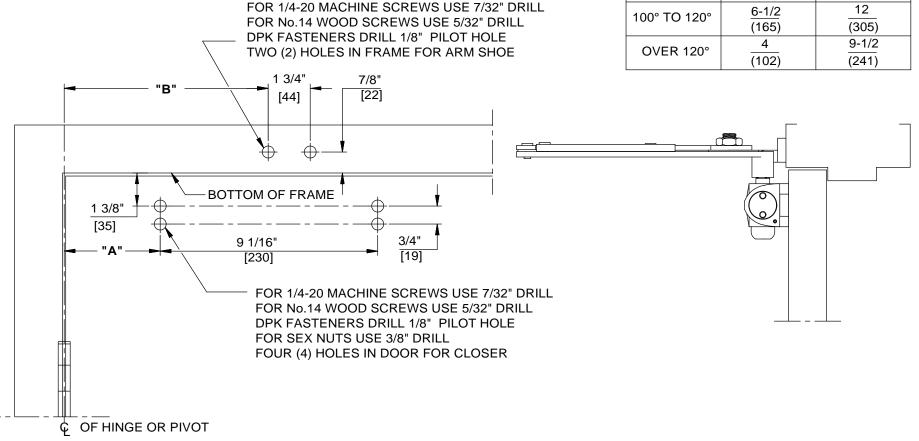
## NOTES:

- 1. DO NOT SCALE DRAWING.
- 2. DIMENSIONS ARE IN INCHES/(MM).
- 3. RIGHT 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.

**ANGLE** DIM. "A" DIM."B" OF **CLOSER** ARM SHOE **OPENING** 7-1/2 13 TO 100° (191)(330)12 6-1/2 100° TO 120° (165)(305)4 9-1/2 OVER 120° (102)(241)



DOOR CLOSER MODELS: 7302 - 7305 FH REGULAR INSTALLATION (PULL SIDE MOUNT)



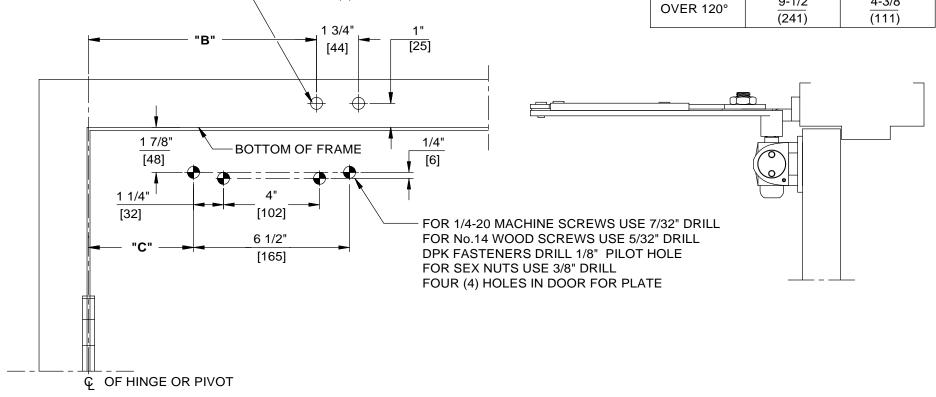
DORMA Architectural Hardware Reamstown, PA 17567

## NOTES:

- 1. DO NOT SCALE DRAWING.
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- 5. MAX. OPENING IS 180°.
- OPTIONAL DPK FASTENERS (DPK86) FOR STEEL DOOR & FRAME ONLY.

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 TWO (2) HOLES IN FRAME FOR ARM SHOE

ANGLE OF OPENING	DIM."B" ARM SHOE	DIM. "C" PLATE
0° TO 100°	13 (330)	<u>7-7/8</u> (200)
100° TO 120°	12 (305)	6-7/8 (175)
OVER 120°	9-1/2 (241)	4-3/8 (111)



DOOR CLOSER MODELS: 7302 - 7305 FH REGULAR INSTALLATION (PULL SIDE MOUNT) WITH PLATES BP73, BP86



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