## Door Closer Models: EHD9016 FHP Parallel Arm Installation [Push Side Mount] With Backplate BP90 Drilling Instructions



CENTER OF HINGE →

2-21/32" [68]

For online instructions, assistance or warranty information: Call 1-800-392-5209 or visit https://dhwsupport.dormakaba.com/hc/en-us

## NOTES:

- 1) DRAWING IS NOT TO SCALE.
- 2) DIMENSIONS ARE IN INCHES / [MM].
- 3) RIGHT HAND DOOR IS SHOWN.
- 4) 180° MAX OPENING IS SHOWN.
- 5) 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.

3/4" 6) SEE CATALOG FOR HOLD OPEN RANGE INFORMATION. 2-7/8" [19] 3/8" 7) DPK FASTENERS FOR STEEL DOOR & FRAME ONLY. [73] [10] 1-1/16" DOOR EDGE OF FRAME STOP -[27] 1-11/16"  $8-1/4" = 180^{\circ}$ [210] [43]

FOR 1/4-20 MACHINE SCREWS. USE 13/64" OR #7 DRILL & TAP

FOR No. 14 WOOD SCREWS USE 5/32" DRILL

DPK FASTENERS DRILL 1/8" PILOT HOLE

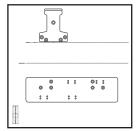
OPTIONAL FIFTH HOLE

FOUR (4) HOLES IN FRAME FOR BRACKET,

BOTTOM SURFACE OF FRAME STOP

FOR #12-24 MACHINE SCREWS, USE 11/64" OR #16 DRILL & TAP FOR No. 12 WOOD SCREWS, USE 9/64" DRILL DPK FASTENERS DRILL 1/8" PILOT HOLE FOR SEX NUTS USE 3/8" DRILL FOUR (4) HOLES IN DOOR FOR PLATE CLOSER INSTALLS TO TOP SETS OF SMALL HOLES USING #12-24 MACHINE SCREWS -

## LEFT HAND DOOR ORIENTATION:



1-1/2" [152] [38] 9"  $6-7/16" = 180^{\circ}$ [229] [163]

Not to scale. Measurements are for reference only. Not a drilling template.