## Door Closer Models: EHD9016 SPAT x FTHD Parallel Arm Installation [Push Side Mount] With Drop Plate DP90 Flush Transom Bracket Drilling Instructions



For online instructions, assistance or warranty information: Call 1-800-392-5209 or visit https://dhwsupport.dormakaba.com/hc/en-us FOR 1/4-20 MACHINE SCREWS, USE 13/64" OR #7 DRILL & TAP **Bracket Center Hold Open** FOR No. 14 WOOD SCREWS, USE 5/32" DRILL Distance Angle DPK FASTENERS DRILL 1/8" PILOT HOLE 1. DRAWING IS NOT TO SCALE.
2. DIMENSIONS ARE IN INCHES/[MM].
3. RIGHT HAND DOOR SHOWN. 11-3/4" [298] 90° FOUR (4) HOLES IN TRANSOM FOR FTHD BRACKET 8-1/8" [206] 125° 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.

MANUFACTURER'S LISTINGS. 8-1/8" = 125° -1-11/16" [206] [43] 5. MINIMUM DOOR WIDTH 26" 6. TEMPLATING BASED ON 4-1/2" X 4-1/2" BUTT HINGES. 7. HOLD OPEN ANGLE 125° SHOWN. 8. DPK FASTENERS FOR STEEL DOOR & FRAME ONLY. 3/4" [19] 7/8" [22] CENTER OF HINGE -BOTTOM SURFACE OF TRANSOM -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 23/32" FOR SEX NUTS USE 3/8" DRILL [18] FOUR (4) HOLES IN DOOR FOR PLATE 1/2" [13] CLOSER INSTALLS TO SMALL HOLES USING #12-24 MACHINE SCREWS 1-1/2" [152] [38] LEFT HAND DOOR ORIENTATION: 6-5/16" = 125° -[229] [160] **Drop Plate** Hold Open Distance Angle 9-15/16" [252] 6-5/16" [160]