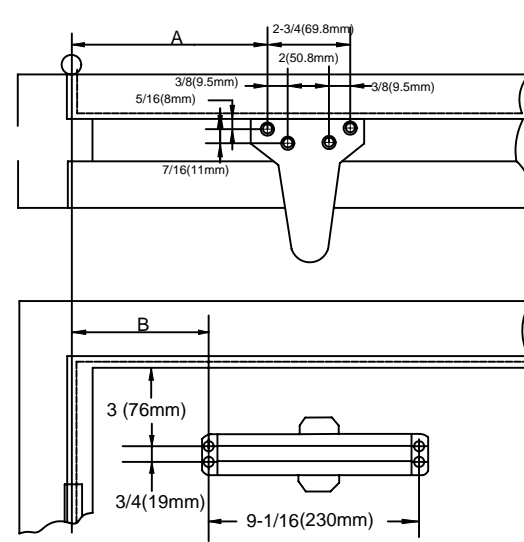
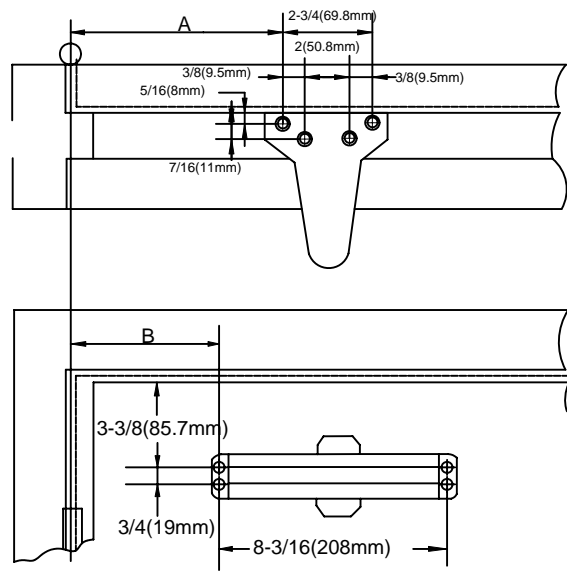


# Installation Instructions for PARALLEL ARM (PUSH SIDE) Mounting



## DYN-2000, DYN-3000

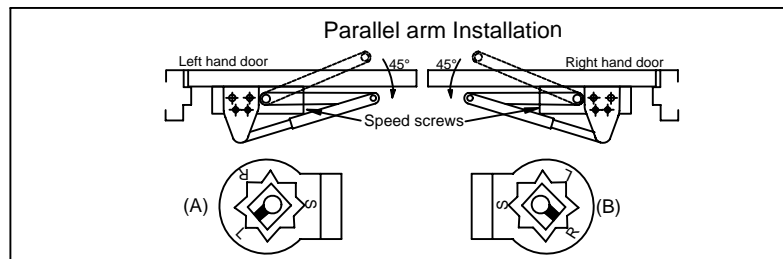
## DYN-4000

Left hand door shown  
Right hand door in opposite  
Dimensions are in inches (mm)  
Do not scale drawing

OPENING	DIM.A DYN-2000, DYN-3000	DIM.B DYN-2000, DYN-3000	DIM.A DYN-4000	DIM.B DYN-4000
To 120°	10-3/4 (273mm)	7-7/8 (198.5mm)	7-3/4 (197mm)	6-1/8 (156mm)
120°-180°	8-9/16 (218mm)	5-5/8 (143mm)	5-3/4 (146mm)	4-1/8 (105mm)

### INSTALLATION INSTRUCTONS

- Select door opening and use dimensions shown above to mark four (4) holes on door for closer body and four (4) holes underside of frame for parallel arm bracket.
- Drill pilot holes in door and frame for # 14 all-purpose screws or drill or tap for 1/4-20 machine screw.
- Mount closer on door using screw provided. SPEED ADJUSTING VALVE MUST BE POSITIONED BACK HINGE EDGE.
- Using a wrench on the square shaft at bottom of closer and rotate shaft approximately 45° angle towards hing edge of door. Hold and place main arm shaft on top of closer at proper index mark as illustrated. FOR LEFT HAND DOOR "L" (Illustration "A"). FOR RIGHT HAND DOOR "R" (Illustration "B"). Tighten arm screw with lockwasher securely.
- Remove arm shoe from forearm and discard. Install ROD end of forearm to P.A bracket using screw and washer assembly provided.
- Adjust length of for adjustable forearm so that main arm is parallel to door.
- Adjust closing speed of door. following instructions as shown page 1.



Non Handed

<p><b>Regular Arm installation</b> Closer installs on PULL/HINGE side of door</p> <p>See Page 2</p>	<p><b>Top Jamb Installation</b> Closer Installs on Frame on PUSH/STOP side of door.</p> <p>See Page 3</p>	<p><b>Parallel Arm Installation</b> Closer installs on PUSH/STOP side of door.</p> <p>See Page 4</p>
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## DOOR CLOSER ADJUSTMENT

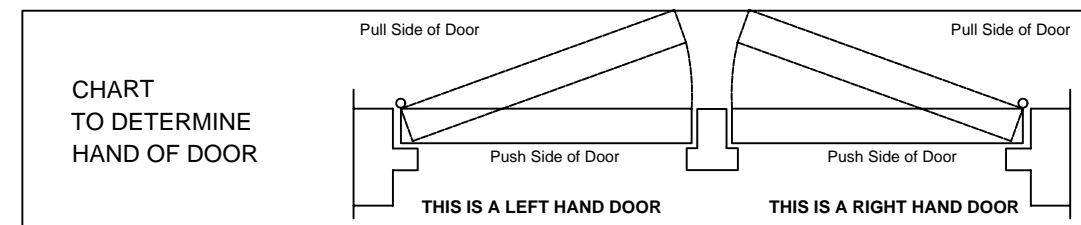
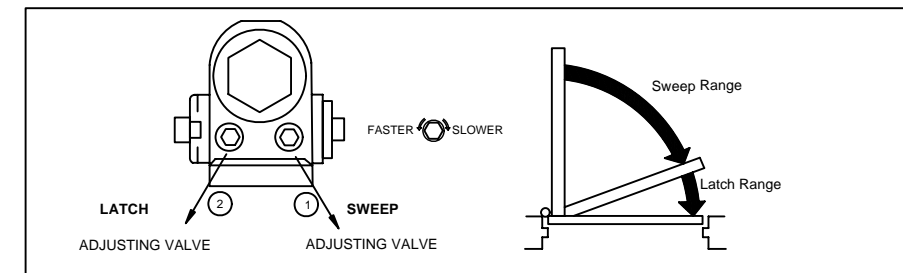
### CLOSING CYCLE

NOTE: CLOSING arcs (Sweep and LATCH) are controlled two (2) separate speed adjusting valves. Adjust the Sweep speed firstly, then adjust the LATCHING speed.

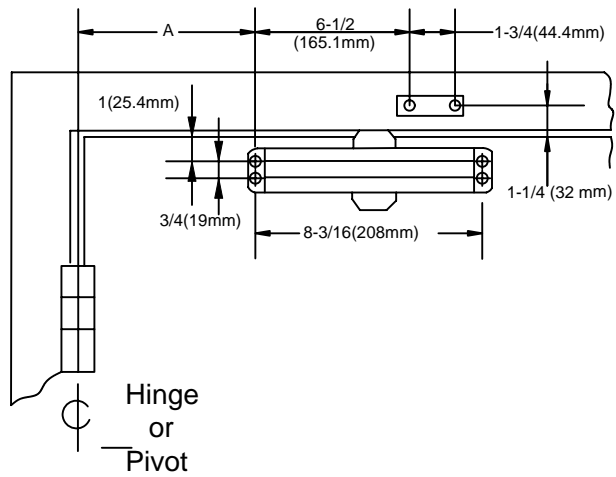
- SWEEP speed adjustment is accomplished by full rotations of the speed adjusting valve.
  - Turn the speed adjustment valve CLOCKWISE for a SLOWER CLOSE arc closing speed.
  - Turn the speed adjustment valve COUNTER-CLOCKWISE for a FASTER CLOSER arc closing speed.
- LATCH speed adjustments is accomplished by full rotations of the speed adjusting valve.
  - Turn the speed adjustment screw CLOCKWISE for a SLOWER LATCH arc closing speed.
  - Turn the speed adjustment screw COUNTER-CLOCKWISE for a FASTER LATCH arc closing speed.

### CAUTIONS!

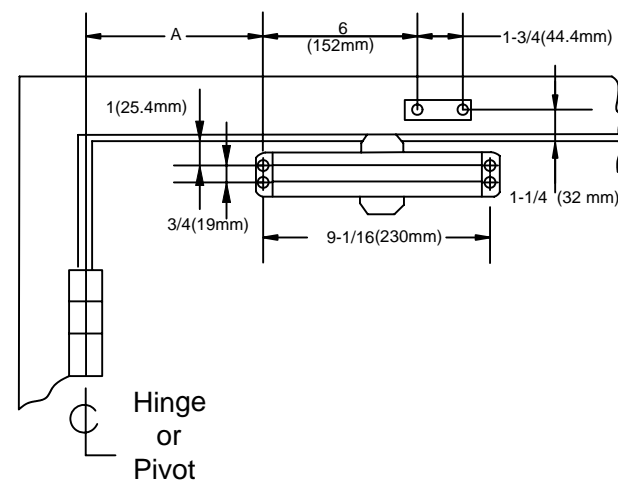
DO NOT turn speed adjusting valve more than two (2) full turns counter-clockwise from its factory set position, as two speed adjusting valves could be out of the door closer body, which will be resulting in the loss of internal fluid and failure of the device.



## Installation Instructions for REGULAR ARM (PULL SIDE) Mounting



**DYN-2000, DYN-3000**



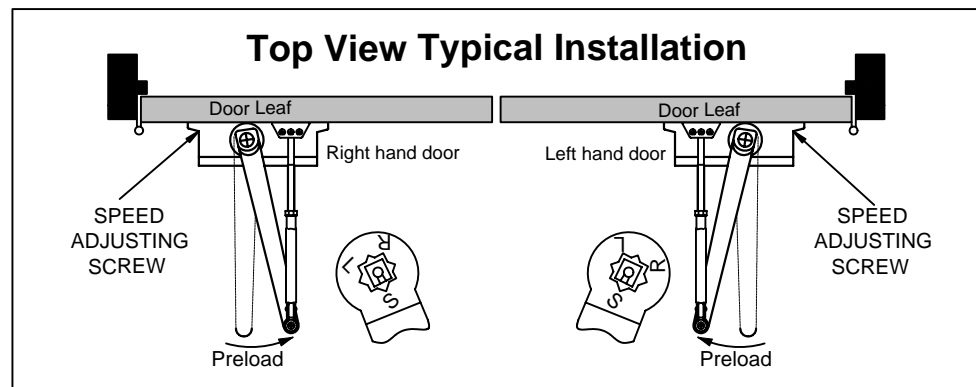
**DYN-4000**

Right hand door shown  
Left hand door in opposite  
Dimensions are in inches(mm)  
Do not scale drawing

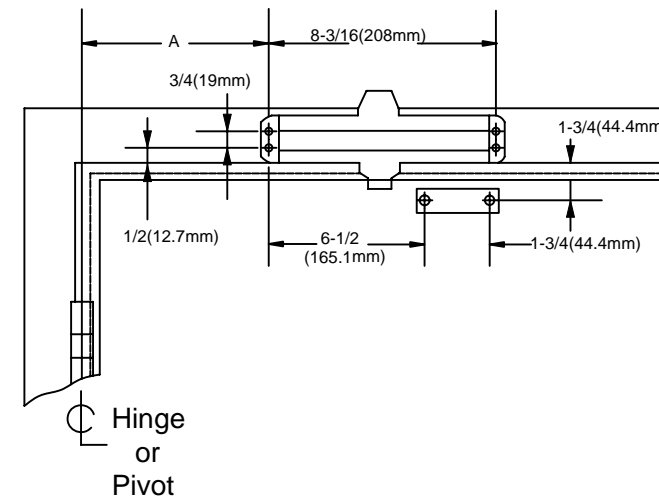
OPENING	DIM.A DYN-2000, DYN-3000	DIM.A DYN-4000
To 120°	6-1/2 (165.1mm)	6 (152 mm)
120°-180°	4 (101.6mm)	3-1/2 (89mm)

### INSTALLATION INSTRUCTONS

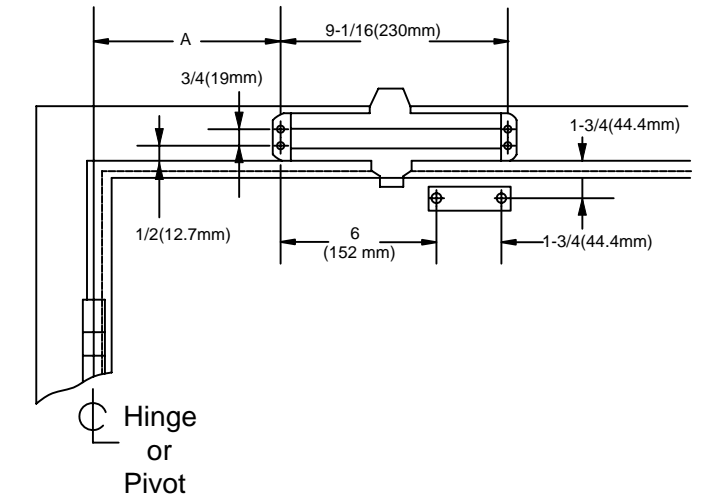
1. Select door opening and use dimensions shown above, mark four (4) holes on door for door closer and two (2) holes on frame for arm shoe.
2. Drill pilot holes in door and frame for # 14 all-purpose screws or drill or tap for 1/4-20 machine screw.
3. Install forearm/arm shoe assembly to door frame using screws provided.
4. Mount closer on door using screw provided. SPEED ADJUSTING VALVE MUST BE POSITIONED TOWARD HINGE EDGE.
5. Install main arm to top pinion shaft, perpendicular to door as shown below. Secure tightly with arm screw/washer assmebly provided.
6. Adjust length of forearm so that forearm is perpendicular to frame when assmebled to preloaded main arm (illustration below). Secure forearm to main arm with screw /washer assembly provided.
7. Snap pinion cap over shaft at bottom of closer.
8. Adjust closing speed of door. Follow instructions as shown page 1..



## Installation Instructions for TOP JAMB (PUSH SIDE) Mounting



**DYN-2000, DYN-3000**



**DYN-4000**

Left hand door shown  
Right hand door in opposite  
Dimensions are in inches  
Do not scale drawing

OPENING	DIM.A DYN-2000, DYN-3000	DIM.A DYN-4000
To 120°	6-1/2 (165.1mm)	6 (152 mm)
120°-180°	4 (101.6mm)	3-1/2 (89mm)

### INSTALLATION INSTRUCTONS

1. Select door opening and use dimensions shown above, mark four (4) holes on frame for door closer and two (2) holes on door for arm shoe.
2. Drill pilot holes in door and frame for # 14 all-purpose screws or drill or tap for 1/4-20 machine screw.
3. Install forearm/arm shoe assembly to door using screws provided.
4. Mount closer on frame using screw provided. SPEED ADJUSTING VALVE MUST BE POSITIONED TOWARD HINGE EDGE.
5. Install main arm to top pinion shaft, perpendicular to frame as show. Secure tightly with screw/washer assmebly provided.
6. Adjust length of forearm so that forearm is perpendicular to frame when assmebled to preloaded main arm (illustration below). Secure forearm to main arm with screw /washer assembly provided.
7. Snap pinion cap over shaft at bottom of closer.
8. Adjust closing speed of door. Follow instructions as shown page 1.

