## **Closer Adjustment**

Closing speeds can be adjusted to suit local conditions and requirements. Label on closer face designates the purpose of each adjustment screw. Adjustments are for speed control.

### **Closer Type**

This closer is one of three types as follows:

- 1. Non hold-open factory set. No hold-open adjustments.
- 2. Automatic hold-open factory set. No hold-open adjustment.

### **Spring Power Adjustments**

This closer can be adjusted for increased or decreased spring power.

These adjustments if required should be done by an authorized repair agency.

Repairs, parts replacement or internal adjustments must be done by a Rixson authorized repair agency. Consult www.rixsondoorcontrols.com for an authorized repair agency in your area.

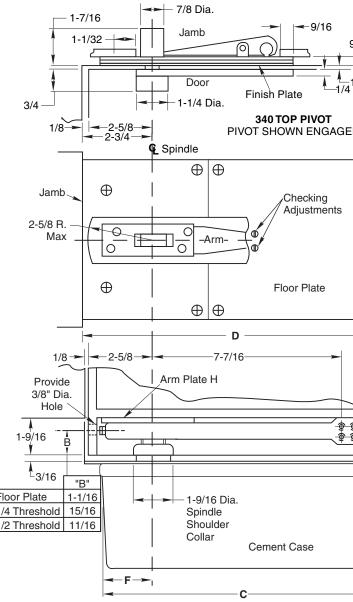
PAGE 4

# RIXSON

ASSA ABLOY ASSA ABLOY, the alobal leader in door opening solutions

Installation Instructions 3040 (05-08)

Template



Closer	Dimensions					
Number	Α	В	С	D	E	F
30	5-3/8	5-1/2	14-9/16	15-1/8	3-5/8	2-5/16
40	6-1/16	6-1/8	17	17-1/4	4-1/16	2-9/16

9/32--9/32 JAMB PORTION 15/32-> 1-5/16 21/32 9/32-12-24 x 5/8" FHMS or **9/32** #12 x 1-1/4" FHWS 1/4-20 x 5/8" FHMS or 1/4-20 x 5/8" FHMS or #14 x 1/2" FHWS -1/16 #14 x 1-1/2" FHWS -1-1/8 (2 Places) DOOR PORTION PIVOT SHOWN ENGAGED - 1-1/4 4-13/16 \_\_\_\_5/8  $\oplus$ 5-9/32 1-9/16" Min. Clearance Required for Arm, Door Arm Plate and Shims Mortised 1-9/16 Deep for Arm -7/8 Floor Plate  $\oplus$ 3/16 **-**−7/16 With Threshold Use Top (2) Holes Cement Case With Floor Plate Use Bottom WITH FLOOR PLATE **†** † (2) Holes Set Cement Case 1/8" Below Surface of Finished Floor Provide 5/8" dia. hole for alignment screw. Door Mortised Door Mortised "A Deep for Arm "A" 1/4 Threshold 1-1/8 -1-9/16 Deep Floor Plate for Arm 1/4 Threshold 15/16 1/2 Threshold 7/8 1/2 Threshold 11/16 -3/16 -Threshold WITH THRESHOLD Set Cement Case Flush with Finished Floor 1/4-20 x 1" FHMS -3/16 G Spindle or #14 x 2" FWHS 11/32 (4 Places) 1-25/32 1-7/32 - 5/8 Conversion from inches to metric: inch x 25.4. ⊕  $1 - \frac{1}{4}$ Suitable reinforcing by others. € 29/32-1-19/32-Rixson designed threshold available on request. 1-13/32 2-3/32--3-13/16— Auxiliary stop required. -**ARM PLATE H** 

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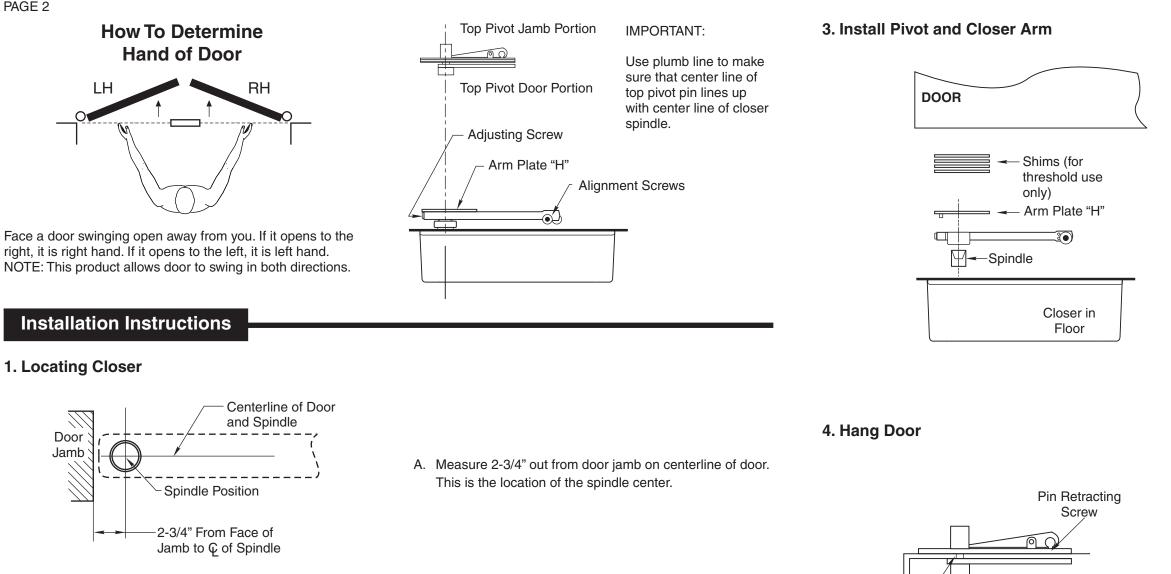
**Rixson Specialty Door Controls** 

# **30-40 Floor Closer**

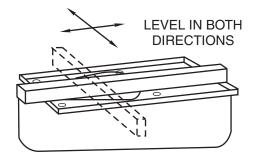
Center Hung **Double Acting** Non-Handed

www.rixsondoorcontrols.com

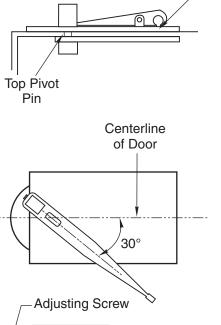
847-671-5670 Technical Department



#### 2. Install Cement Case in Floor



- A. For floor plate application: Cement case is set 1/8" (3.2mm) below floor level.
- B. For threshold application: Cement case is set flush with floor.
- C. Set cement case in floor and block in position.
- D. Case should be parallel with center line of door.
- E. CEMENT CASE SHOULD BE LEVEL. Place levels per Illustration.
- F. Grout in cement case with closer. Cement should not get between closer and case.



Alignment Screws

- A. Install top pivot in door per template.
- B. Install top pivot in jamb per template.
- C. Centerline of pivot pin should line up with centerline of spindle. Use plumb line to assure accuracy.
- D. Mortise door for arm, arm plate "H".
- E. Drill two 5/8" dia. holes for arm alignment screws. Drill 3/8" hole at heel edge of door for adjusting screw.
- F. Install arm, arm plate "H", and shims if required. (If 1/2" threshold is used install 4 shims above arm plate "H"-refer to template. If 1/4" threshold is used install (2) 1/16" shims above plate "H"). Attach arm alignment screws and washers to hold arm in place.
- CAUTION: Closer is shipped with "valve" screws down. DO NOT FORCE VALVE DOWN.
- A. Retract top pivot pin by turning retracting pin screw counter-clockwise (see illustration).
- B. With arm on spindle, turn spindle until arm is in 30° open position (see illustration).
- C. Set door on spindle arm. DO NOT ATTEMPT TO CLOSE DOOR.
- D. Align two portions of top pivot and turn pin retracting screw clockwise to engage top pivot pin.
- Ε. Open door to 60° or more and turn valve screws counterclockwise. Door will then close.
- F. If necessary, turn adjusting screw at bottom of heel edge of door to equalize side jamb clearances.
- G. Adjust arm alignment screws equally from each side to center door in doorway.