



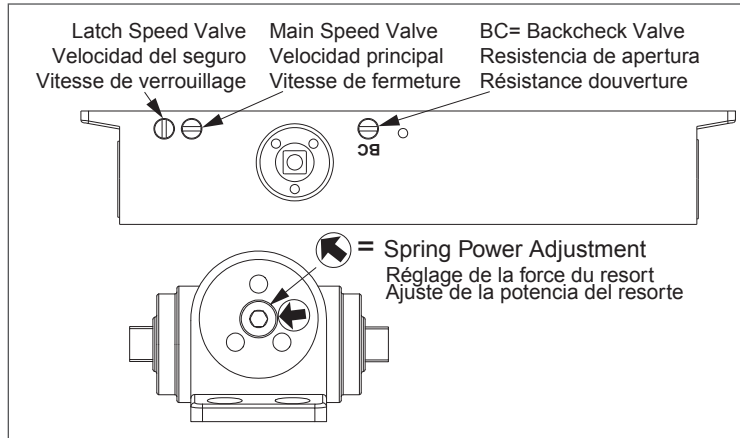
SC80 Series/Serie/Série

FALCON®

43034

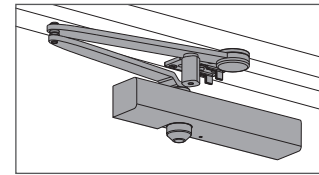
Dead Stop & Dead Stop/Hold Open Arm Models, SC81 (1-5 Adj.)
Modelos sin retención y sin retención/con retención, SC81 (1-5 Adj.)
Modèles sans retenue & sans retenue/avec retenue, SC81 (1-5 adj.)

Installation Instructions
Instrucciones de Instalación
Instructions d'installation

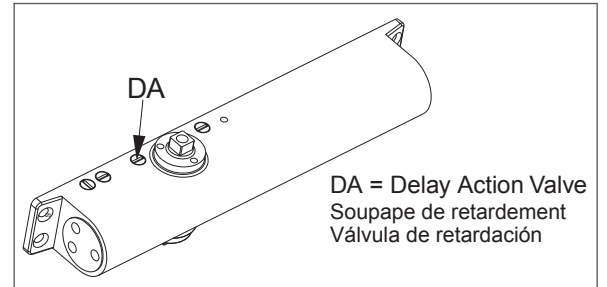


Parallel Arm Installation Instalación "brazo paralelo" Installation "bras parallèle"

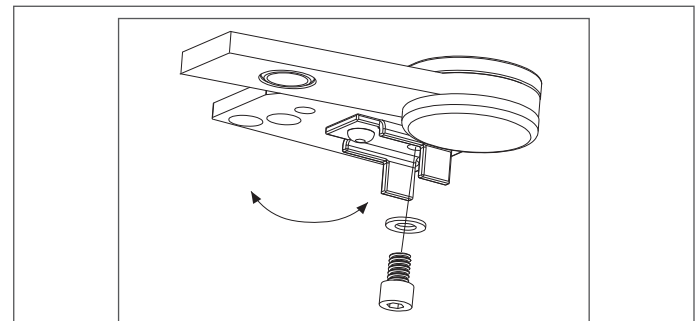
Closer mounted on the push side of the door (opposite of the hinge side).
Cerrador montado al lado del empuje de la puerta (opuesto al lado del gozne).
Ferme-porte installé sur le côté à pousser de la porte (à l'opposé du côté de la charnière).



Optional Opcional Optionelle



| | Fasteners | Door/Frame | Drill Sizes |
|-------------------|----------------|------------|--------------------------|
| Arm | #14 Wood | Wood | 1/8" |
| | 1/4-20 Machine | Metal | Drill: #7 Tap: 1/4-20 |
| Closer Body | #14 Wood | Wood | 1/8" |
| | 1/4-20 Machine | Metal | Drill: #7 Tap: 1/4-20 |
| | Thru-Bolt | All | 3/8" |
| Fifth Hole Spacer | #14 Wood | Wood | 1/8" |
| | 1/4-20 Machine | Metal | Drill: #7 Tap: 1/4-20 |



Shoe must be "handed" to match door before mounting.
Debe de hacerse coincidir el lado de la zapata con la puerta antes de montarla.
La main de la console doit être adaptée à celle de la porte avant l'installation.

⚠ CAUTION ⚠

Improper installation or regulation may result in personal injury or property damage. Follow all instructions carefully. For questions, call Falcon at 1-877-671-7011

⚠ DANGER ⚠

Une installation ou un réglage inadéquats peuvent entraîner des blessures ou des dommages. Veuillez suivre toutes les instructions avec soin. Pour plus de renseignements, composez le 1-877-671-7011

⚠ ADVERTENCIA ⚠

Una instalación o un ajuste incorrectos pueden resultar en daño personal o material. Siga bien todas las instrucciones. Para más informaciones, llama a Falcon al 1-877-671-7011

Customer Service Servicio al cliente Service à la clientèle

1-877-671-7011

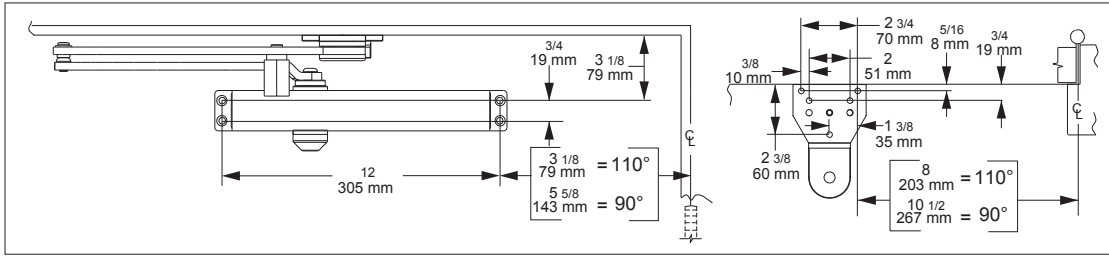
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43034 Rev. 01/14-d

1 Door and frame preparation

Preparación de la puerta y del cuadro
Préparation de la porte et du cadre



Right hand door illustrated. Same dimensions apply for left hand door measured from hinge side.
Montaje de puerta a la derecha como ilustrado. Las mismas dimensiones se aplican para un montaje de puerta a la izquierda medidas a partir del lado del gozne.
Porte main droite illustrée. Les mêmes dimensions s'appliquent pour une porte main gauche mesurées à partir du côté de la charnière.

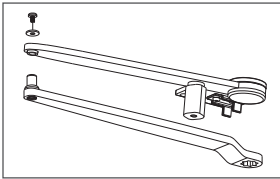
2 Determine door width, adjust spring power to match chart

Determina la anchura de la puerta. Ajuste la potencia del resorte según lo indicado en el gráfico
Mesurez la largeur de la porte. Réglez le ressort selon les indications du tableau

| SC81 (1-6) | |
|-------------|------|
| ♿ 0 | |
| 30"- 750mm | + 3 |
| 32"- 815mm | + 6 |
| 36"- 915mm | + 9 |
| 42"- 1050mm | + 12 |
| 48"- 1220mm | + 15 |

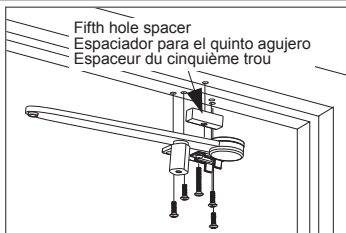
3 Disconnect arm & shoe assembly from main arm

Desconecte el ensamblaje del brazo y de la zapata del brazo principal
Séparez l'assemblage du bras et de la console du bras principal



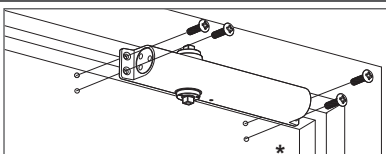
4 Install arm & shoe assembly onto frame

Instale el ensamblaje del brazo y de la zapata en el cuadro
Installez l'assemblage du bras et de la console sur le cadre



5 Install closer onto door

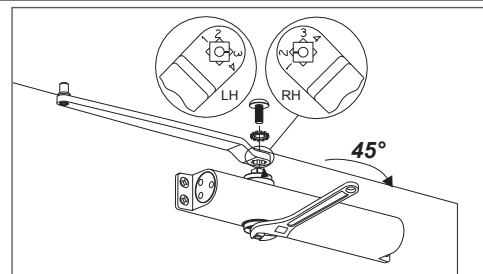
Monte el cerrador en la puerta
Installez le ferme-porte sur la porte



* Spring power faces toward the hinge edge.
* Potencia del resorte cara hacia el borde del gozne.
* Force du ressort fait face vers le bord de la charnière.

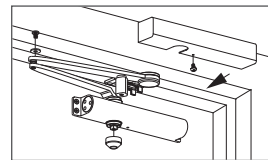
6 Attach main arm to closer

Coloque el brazo principal al cerrador
Attachez le bras principal au ferme-porte

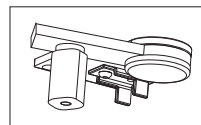


7 Connect arm pieces

Conecte las partes del brazo
Rèunissez les sections de bras



Attach pinion cap and slim cover (cap not used with full cover).
Sujete el capuchón y la cubierta delgada (no se usa la tapita con la tapa completa).
Attachez le capuchon et le couvercle mince (le capuchon nest pas utilisé avec le couvercle complet).



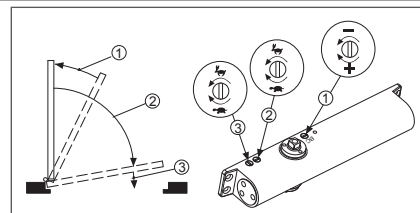
Hold Open Arm: To engage or disengage hold open feature, turn control handle one-quarter (1/4) turn.

Brazo de Retención: Para embragar o desembragar la característica de retención, dar un cuarto de vuelta (1/4) al cabo.

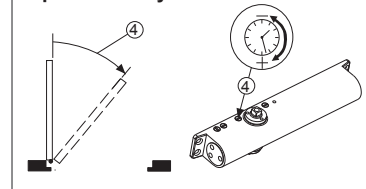
Bras de Retenue: Pour engager ou désengager le mécanisme de retenue, tournez la manette de contrôle d'un quart (1/4) de tour.

8 Adjustment instructions

Instrucciones de ajuste
Instructions de réglage

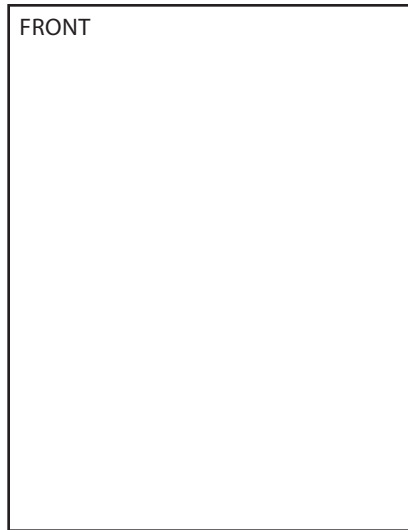


Optional Delay Action

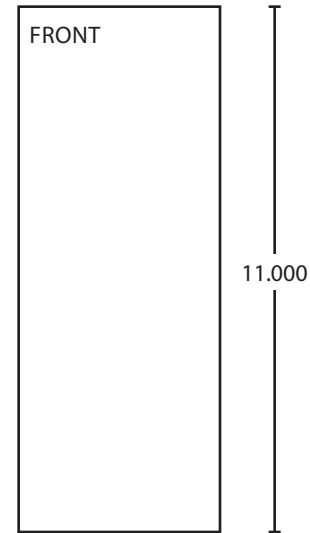


8.500

4.25



BEGINNING SHEET



FOLDED SHEET

| |
|-------------------|
| Additional Notes: |
| 1. None |

| Revision History | | | | | | Revision Description: | | | | | |
|--------------------------------|-----|-----|--------|---|---|---|--|--|--|-----------------|--------------|
| A | B | C | D | E | F | D > Revised artwork | | | | | |
| N/A | N/A | N/A | 046206 | | | | | | | | |
| Material | | | | | | Edited By | | Approved By | | EC Number | Release Date |
| White Paper | | | | | | D. Myers | | M. Sasso | | 046206 | 01-01-14 |
| Notes | | | | | | Title | | | | | |
| 1. printed two sides | | | | | | SC80 Series Dead Stop Instruction Sheet | | | | | |
| 2. printed black | | | | | | Creation Date | | Number | | Revision | |
| 3. tolerance $\pm .13$ | | | | | | 04-27-10 | | 43034 | | D | |
| 4. printed in country may vary | | | | | | Created By | | Activity | | © Allegion 2014 | |
| 5. drawings not to scale | | | | | | N/A | | 3899 Hancock Expwy Security, CO 80911 | | | |
| | | | | | | Software: InDesign CS6 | | | | | |