

SC80A Series



Medium-duty applications like retail storefronts, cafes and clinics that need a closer that makes door operation smooth and secure. The Falcon SC80A Series brings ANSI grade 1 durability and reliable performance to interior and exterior doors. An adjustable design ensures flexible installation and ADA compliance.

Standard features

- Single piece cast aluminum body
- Fully adjustable sizes 1-6
- Separate adjustable general speed, latch speed and backcheck
- Closer mounts hinge side, top jamb or parallel arm when either the RW/PA or HW/PA arm is specified
- Non-handed for left or right swinging doors
- 1 1/4" diameter heat treated steel piston
- Heat-treated pinion
- Universal screw pack for aluminum, hollow metal, and wood doors, includes self reaming, and tapping screws
- Staked valves
- Meets ANSI A117.1
- ANSI/BHMA A156.4, grade 1
- UL listed and compliant to UL10C and UBC 7-2 (1997)
- Cover is UL approved for use in fire rated assemblies
- 10-year warranty
- Retrofittable to Norton 8000 hole pattern

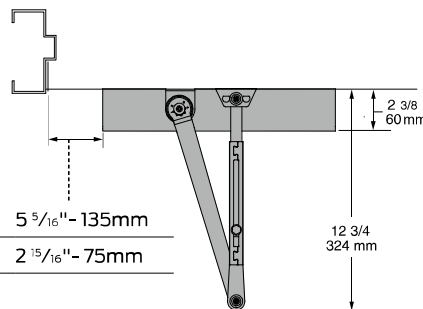
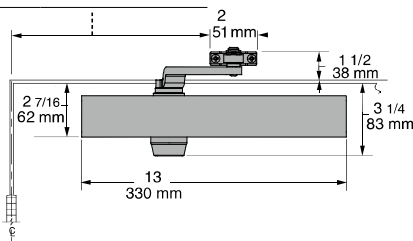
Listings and ratings

The Falcon SC81A is UL listed and compliant to UL10C and UBC 7-2 (1997). Additionally, the SC81A is designed to meet the American Disabilities Act (ADA) and ANSI A117.1. The SC81A is rated ANSI/BHMA A156.4, Grade 1.

SC80A Series hinge (pull side)

To 120° 11 3/4" - 298mm

121° to 180° 8 1/2" - 216mm



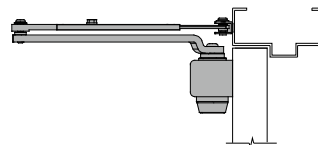
Butt hinges should not exceed 5" (127mm) in width.

Auxiliary stop is recommended at hold-open point or where a door cannot swing 180°

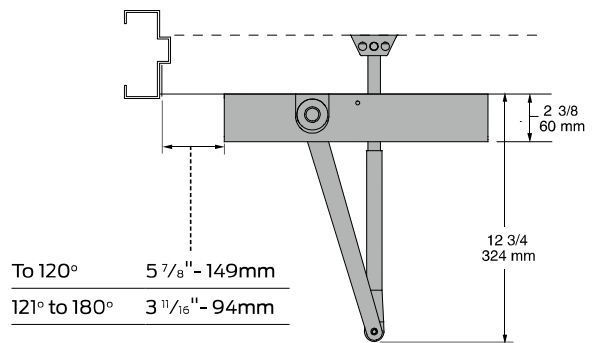
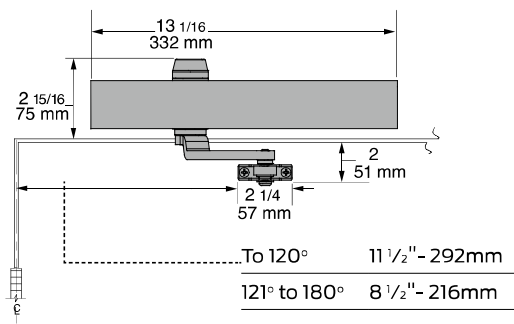
Reveal should not exceed 3/4" (19mm) for regular arm or hold-open arm.

Clearance of 2 3/8" (60mm) behind door required for 90° installation.

Delayed action add suffix "DEL" to selected cylinder (ex. SC80A DEL). Delays closing from maximum opening to approximately 70° with adjustable delay time.



SC80A Series top jamb (push side)



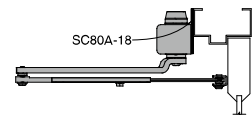
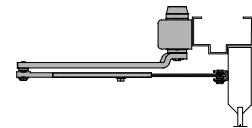
Butt hinges should not exceed 5" (127mm) in width.

Auxiliary stop is recommended at hold-open point or where a door cannot swing 180°.

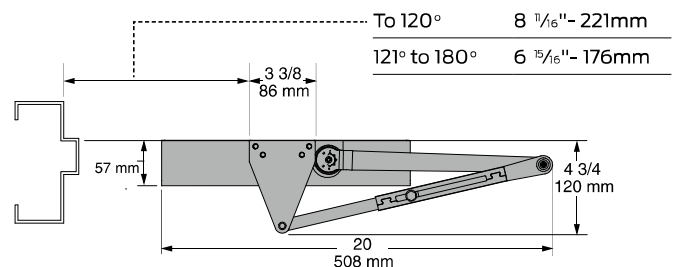
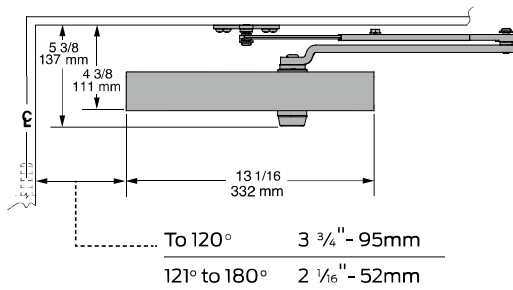
Reveal should not exceed 3 1/4" (83mm) for regular arm or hold-open arm.

Head frame less than 2 5/16" (59mm) requires plate SC80A-18.

Delayed action add suffix "DEL" to selected cylinder (ex. SC80A DEL). Delays closing from maximum opening to approximately 70°, with adjustable delay time.



SC80A Series parallel (push side)

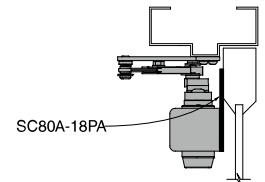
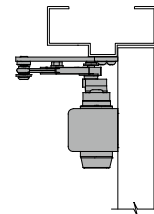


Butt hinges should not exceed 5" (127mm) in width.

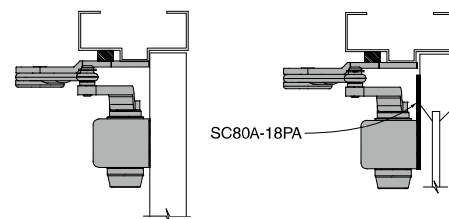
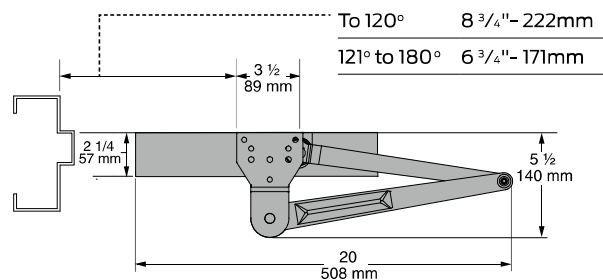
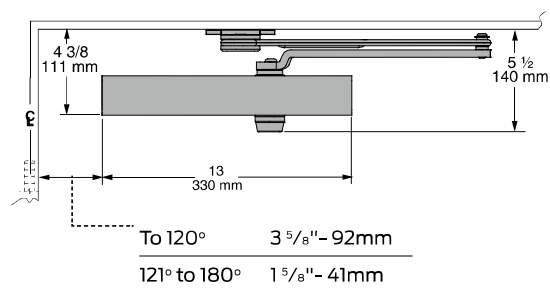
Auxiliary stop is recommended at hold-open point or where a door cannot swing 180°.

Top rail less than 4 3/8" (111mm) measured from stop requires plate SC80A-18PA.

Delayed action add suffix "DEL" to selected cylinder (ex. SC80A DEL). Delays closing from maximum opening to approximately 70°, with adjustable delay time.



SC80A Series heavy duty (parallel)



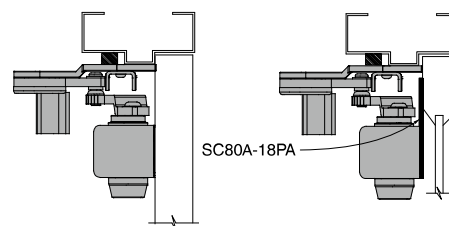
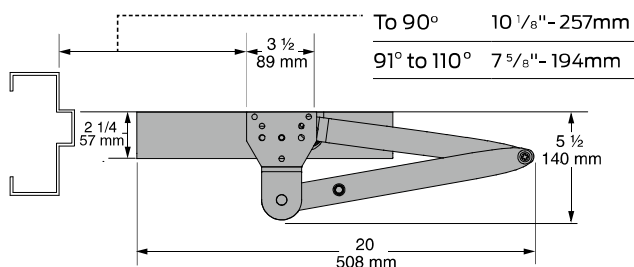
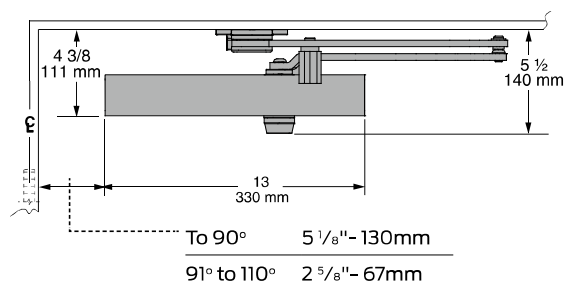
Butt hinges should not exceed 5" (127mm) in width.

Auxiliary stop is recommended at hold-open point, where a door cannot swing 180°, or where Dead stop or Spring-n-stop arm is not used.

Top rail less than 4 3/8" (111mm) measured from stop requires plate SC80A-18PA.

Delayed action add suffix "DEL" to selected cylinder (ex. SC80A DEL). Delays closing from maximum opening to approximately 70°, with adjustable delay time.

SC80A Series dead stop HO (parallel)



Butt hinges should not exceed 5" (127mm) in width.

Top rail less than 4 3/8" (111mm) measured from stop requires plate SC80A-18PA.

Delayed action add suffix "DEL" to selected cylinder (ex. SC80A DEL). Delays closing from maximum opening to approximately 70°, with adjustable delay time.