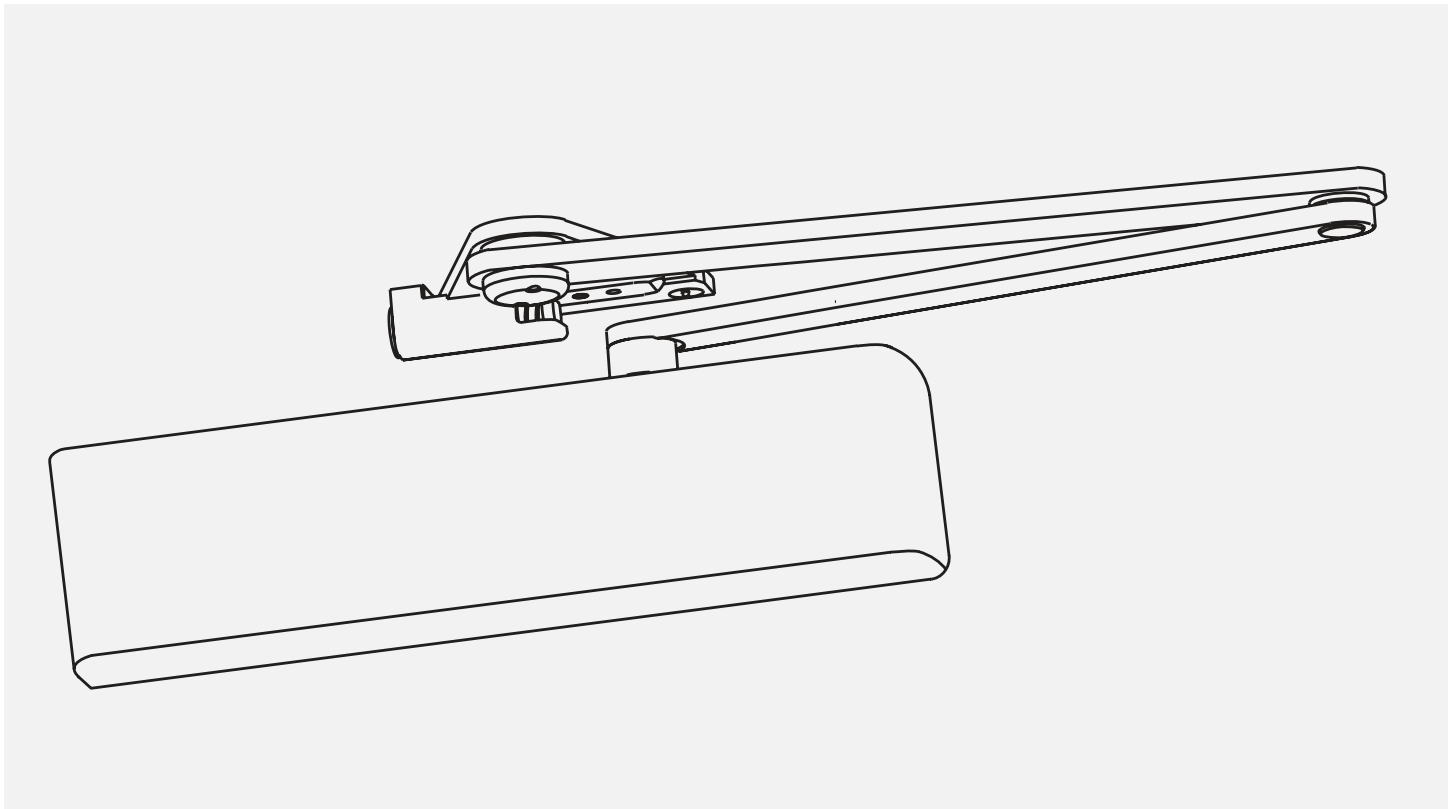


# S-DS

## Spring assist arm



### Applications:

The S-DS surface door closer arm is designed specifically for abusive parallel arm applications to provide superb door control in the opening cycle of the door. The S-DS can be installed on all hollow metal, aluminum and wood door and frame commercial construction. Doors may be mounted with either ball or needle bearing hinges or pivots. Special brackets and other adapting hardware are available with the S-DS arm options.

### Listings and approvals:

- ANSI Grade 1.
- UL and ULC (non-hold open).
- UL10C and UBC 7.2 1997 for positive pressure.
- CSFM
- M.E.A.

**Warranty:** 25 Years

### Range of door sizes:

- Exterior door widths to 48" (1219mm)
- Interior door widths to 48" (1219 mm)
- Door heights to 96" (2438 mm)
- Door weights to 200 lb (114 kg)

### Finishes:

#### Standard sprayed finishes

- 689 (Aluminum)
- 690 (Dark Statuary Bronze)
- 691 (Dull Bronze)
- 695 (Dark Duraodic Bronze)
- 693 (Black)
- 696 (Satin Gold)

#### Custom painted finishes

Submit sample. Customer approval required.

#### Architectural plated finishes

- 605E (Polished Brass)
- 606E (Satin Brass)
- 611E (Polished Bronze)
- 612E (Satin Bronze)
- 613E (Oil Rubbed Brnze)
- 618E (Polished Nickel)
- 619E (Satin Nickel)
- 625E (Polished Chrome)
- 626E (Satin Chrome)

#### Mounting options:

##### Arms available to mount the closer:

- S-DS parallel arm non-hold open for 85°, 90°, 100° and 110° limited opening.
- S-DST parallel arm thumb turn hold open for 85°, 90°, 100° and 110° limited opening and hold open. (Hold open is approximately 1-3° prior to contact with limiting spring).

(Limiting spring allows approximately 5° of cushion prior to full engagement).

#### Arm construction details:

- 5/16" thick x 1-1/4" wide steel construction connecting arm.
- 5/16" thick x 1" wide steel construction welded hub main arm..

#### Special application assistance

Please contact our Technical Services team at 800-523-8483 if you have any questions or need assistance in developing a custom application.

