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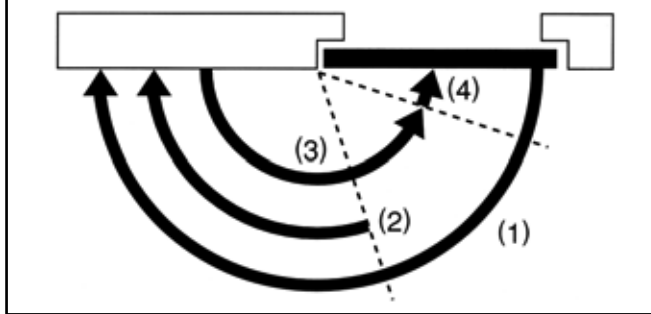


**INTRODUCTION**

The model D3550 Series is Stanley's most versatile Door Closer. The reduced body profile provides ease of installation on a variety of applications. In addition the R-14 Silicon Aluminum construction provides dependable performance under heavy loads associated with high use institutional applications. The D3550 Closer accommodates a variety of standard and heavy-duty arm applications.

**Features**

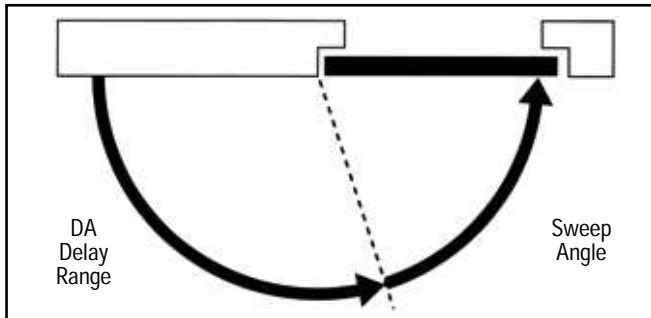
Controls the door through the entire opening and closing cycles by providing adjustable backcheck upon opening and adjusting general and latch speeds through the closing cycle.



- (1) opening swing, no checking
- (2) backcheck
- (3) general speed
- (4) latch speed

**Delayed Action - Optional**

The D-3550DA/ D-3551DA Series Door Closers are equipped with a separate hydraulic valve adjustment to delay the closing speed from 180 to 70 degrees of door opening range.



**Non-Handed**

Can be used on both RH and LH doors for both push side and pull side mounting.

**Adjustable Spring Power**

The D-3550 Series Door Closers are adjustable from size 2 through 6 with 15% adjustment over size 6. The D-3551 Series Door Closers are adjustable from size 1 through 4. The D-3551 Series Door Closers are designed to meet entrance accessibility requirements of 5 LBF opening force or less.

**Non-Critical Regulation**

The separate adjustments for backcheck, general and latch speeds are equipped with non-critical "V-Slot" regulating valves which allow for fine tuning the closing and latching speeds as well as the backcheck intensity.

**All Season Fluid**

All season fluid eliminates the need for seasonal adjustment. Special High Silicon Aluminum Alloy Housing  
All D-3550 / D-3551 Series Door Closers are constructed of Stanley R14 HIGH SILICON ALUMINUM ALLOY to exceed the ANSI/ BHMAA156.4 Grade 1 requirements.

**Forged Arms**

Heavy duty forged arms are interchangeable between the D-3550 and D-4550 Series Door Closers.

**High Impact Cover**

All D-3550 / D-3551 Series Door Closers are shipped with a high impact self-extinguishing decorative cover.

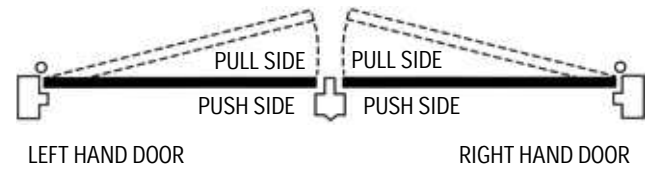
**Special Rust Inhibitor (SRI) - Optional**

For installations where a higher level of corrosive resistance is required.

**Maintenance Free**

Door Closers mounted in accordance with the provided installation instructions are maintenance free from periodic inspection and adjustment.

**Handing**



## GENERAL INFORMATION

### Closing Power Adjustment

**D-3550** – Size 2 – 6 with 15% adjustment over size 6. The D-3550 Series is adjusted to size 3 before leaving the factory.

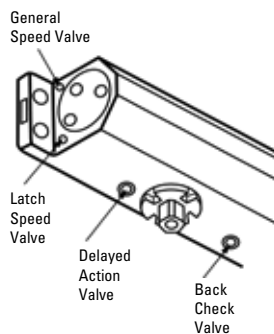
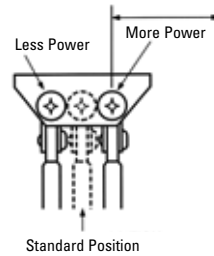
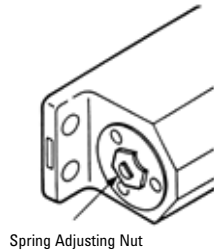
**D-3551** – Size 1 – 4 with 15% adjustment over size 4. The D-3551 Series Door Closer is specially designed for doors where the door opening forces shall be 5 LBF or less through 90°. The D-3551 Door Closer is adjustable up to a size 4. The D-3551 Series is adjusted to size 2 before leaving the factory.

### Latching Power Adjustment

The D-3550 / D-3551 Series Door Closers have the provision to adjust the leverage of the arms by changing the pivot position of the arm in the shoe. The shoe itself does not have to be removed from the door or jamb.

### Delayed Action

A delayed action feature is available with this series for all applications and arms. The feature permits the door to close very slowly through the delayed action cycle range. To order add suffix DA to closer number.



| Arm Options Suffix | Description                             | Page |
|--------------------|---|------|
| <b>L</b>           | Long Rod Forearm (Top Jams only)        | 9    |
| <b>H</b>           | Standard Hold Open                      | 4    |
| <b>PH</b>          | Parallel Hold Open                      | 5    |
| <b>EDA</b>         | Heavy Duty Arm                          | 7    |
| <b>H-EDA</b>       | Heavy Duty Arm w/Hold Open              | 7    |
| <b>S</b>           | Heavy Duty Arm w/Stop                   | 7    |
| <b>CS</b>          | Heavy Duty Arm w/Compression Stop       | 7    |
| <b>HS</b>          | Heavy Duty Arm w/Hold Open and Stop     | 7    |
| <b>HCS</b>         | Heavy Duty Arm w/Hold Open & Comp. Stop | 7    |
| <b>T</b>           | Track Mount                             | 8    |
| <b>HT</b>          | Track Mount w/Hold Open                 | 8    |
| <b>TCS</b>         | Track Compression Stop                  | 8    |

### Packing

All D-3550 / D-3551 Series Door Closers with standard arm sets are packed for mounting on standard, parallel arm or top jamb applications. All closer assemblies are packed 4 per carton. Tracks for track mounted closers are packed separately.

### Through Bolts and Sex Nuts

When through bolting is ordered, factory will furnish sex nuts for use with the machine screws furnished with the closer. Nuts are sized to accommodate 1-3/8" or 1-3/4" thick doors.

### ANSI and U.L. Specifications

The D-3550/D-3551 Series Door Closers have been Certified to the requirements of the ANSI/BHMA Standard A156.4 - 2000 Grade 1.

Listed with Underwriters' Laboratories, Inc. and Underwriters' Laboratories of Canada. "For Self-Closing Doors Without Hold-Open Feature" on R7525(R).

D-3550 / D-3551 Series Door Closers have been certified by UL to be in compliance with UL 10 C and UBC 7.2 (1997).

## HOW TO ORDER D-3550/D-3551

| D-355        | 0  | DA                                    | EDA   | 689  | SN  |
|--------------|--|---------------------------------------|---|--|---|
| Model. No.   | Size   | Options                               | Arm Type  | Finishes   | Fasteners   |
| <b>D-355</b> | <b>0</b> – See Closing Power Adjustment page 5<br><b>1</b> – See Closing Power Adjustment page 5 | <b>DA</b> – Delayed Action (optional) | <b>L</b> – Long Rod Forearm (TJ only)<br><b>H</b> – Standard Hold Open<br><b>PH</b> – Parallel Hold Open<br><b>EDA</b> – Heavy Duty Arm<br><b>H-EDA</b> – Heavy Duty Arm w/ Hold Open<br><b>S</b> – Heavy Duty Arm w/ Stop<br><b>CS</b> – Heavy Duty Arm w/Compression Stop<br><b>HS</b> – Heavy Duty Arm w/ Hold Open & Stop<br><b>HCS</b> – Heavy Duty Arm w/ Hold Open & Comp. Stop<br><b>T</b> – Track Mount<br><b>HT</b> – Track Mount w/ Hold Open<br><b>TCS</b> – Track Compression Stop | <b>689</b><br><b>690</b><br><b>691</b><br><b>693</b><br><b>695</b><br><b>696</b> | <b>SN</b> – Sex Nuts & Bolts Wood & Machine Screws furnished standard<br><b>SEC</b> – Security Screws |