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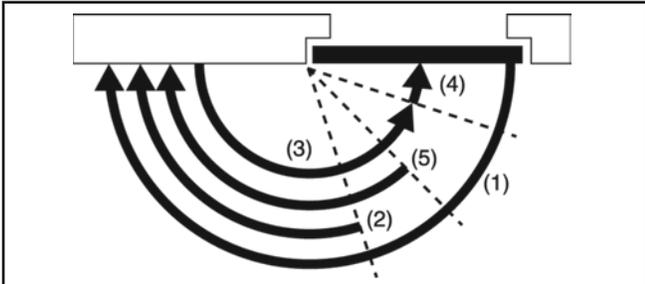
INTRODUCTION

The model D4550 Series is Stanley's best performing Heavy Duty Closer. The cylinder body is manufactured using R-14 Silicon Aluminum Alloy providing superior strength and durability on institutional applications. Available in a variety of standard and heavy-duty arm configurations accommodating a broader range of today's growing architectural application requirements.

FEATURES

Fully Hydraulic Checking

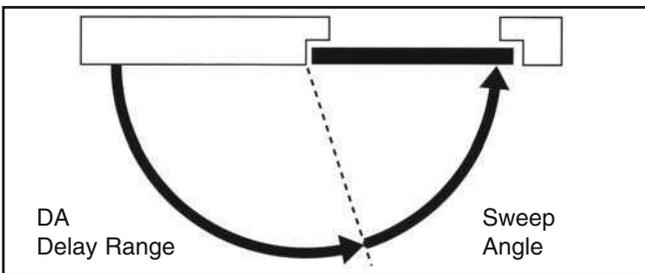
Controls the door through the entire opening and closing cycles by providing adjustable backcheck upon opening and adjusting general and latch speeds through the closing cycle.



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

Delayed Action – Optional

The D-4550DA / D-4551DA 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. To order add suffix DA to closer number.



Adjustable Spring Power

The D-4550/D-4551 Series Door Closers are designed to have the widest range of spring power adjustment available to meet the broadest range of application requirements.

Advanced Variable Backcheck (AVB) optional

Cylinder starts backcheck at approximately 45° instead of the normal 75°. Add suffix "AVB" to selected cylinder. When combined with Delayed Action consult factory for special template. (Heavy Duty Arm applications).

All Season Fluid

All season fluid eliminates the need for seasonal adjustment.

Closing Power Adjustment

D-4550* –
Size 2 – 6 with 50% spring power adjustment over size 6.

*** Meets ADA 5lb opening force requirements on all applications except Pull-Side Regular Arm Mount.**

The D-4550 Series is adjusted to size 3 before leaving the factory.

D-4551 –**

Size 1 – 5 with 35% spring power adjustment over size 5.

**** Meets ADA 5lb opening force requirements.**

The D-4551 Series is adjusted to size 2 before leaving the factory.

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.

Forged Arms

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

High Impact Cover

All D-4550 / D-4551 Series Door Closers are shipped with a high impact self-extinguishing decorative cover.

Latching Power Adjustment

The D-4550 / D-4551 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.

Maintenance Free

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

Metal Cover - Optional

Optional **stainless steel**, brushed finish metal cover is available.

Non-Handed

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

Special High Silicon Aluminum Alloy Housing

All D-4550 / D-4551 Series Door Closers are constructed of "STANLEY'S" R14 HIGH SILICON ALUMINUM ALLOY to exceed the ANSI/BHMA A156.4 Grade 1 requirements.

Special Rust Inhibitor (SRI) - Optional

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

Handing

