

Type C - Heavy Duty Mechanical Door Controls

REL.70 Series Heavy Duty & REL.79 Series Extra-Heavy Duty Surface Overhead Door Holders/Stops

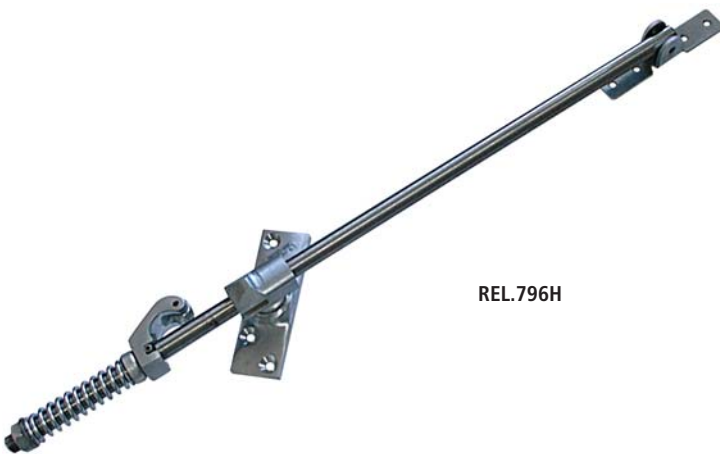
REL.70 series and REL.79 series surface mounted holders and stops are designed to meet the demands of high-traffic and exposed doors in commercial applications. Simple to install they are compatible with most door closers shown in this catalogue. Templates allow for variable mounting positions, ranging from 85° to 110° hold open/stop angles. These door holders and stops can be used on most types of doors, including all doors hung with conventional hinges or pivots.

Four distinct versions offer solutions as follows:

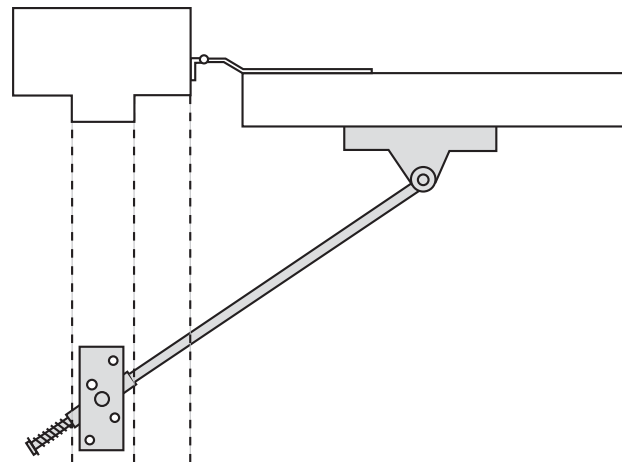
- REL.70H Series Hold Open Model – Heavy Duty
- REL.70S Series Stop Only Model – Heavy Duty
- REL.79H Series Hold Open Model – Extra Heavy Duty
- REL.79S Series Stop Only Model – Extra Heavy Duty

Each model is available in five sizes as shown in the table on page 34.

REL.70 series hold open and stop only models provide heavy duty door protection. The REL.79 series models incorporate the basic characteristics of the REL.70 series, but can protect extremely heavy or large doors subject to violent use or abusive conditions (e.g. vault doors, cell doors, oversized plant entry doors).



REL.796H



REL.70 & REL.79 series - typical plan view (showing door ajar at 90°).

Materials and Finishes

REL.70 and REL.79 series models are constructed primarily of brass and 300 series stainless steel substrates.

REL.70 series utilize a 13mm dia. stainless steel bar.

REL.79 series utilize a 19mm dia. stainless steel bar.

The bar is always provided in US32D Satin Stainless Steel.

The spring, washer and nut are provided in a clear zinc finish.

The door bracket, jamb bracket and hook (for hold open units) are available in a number of alternative plated and painted finishes (consult the sales office for details).

Stop Only Models

REL.70S and REL.79S series stop only models (suffix S) are used when the hold open function (see below) is not a requirement. Stop only models provide a reliable method of door control with the same shock-absorbing capability as hold open models.

Hold Open Models

REL.70H and REL.79H series hold open models (suffix H) provide a selective hold open function with easy-to-adjust tension. A simple 90° rotation of the roller mechanism disables the hold open function allowing the unit to serve as a shock-absorbing stop only. The hold open function provides a convenient method of holding the door open at a predetermined position for short or long periods of time permitting an unobstructed traffic flow through the opening.

The hold open tension is adjusted simply and incrementally for increased or decreased holding power by turning the nut at the end of the bar. While both series are designed for demanding applications, the REL.79 series is recommended for extremely heavy or wide doors subject to violent or abusive conditions.

How to Specify or Order

Example	70	—	4	—	S	—	SP28	—	SB1
REL.70 or REL.79 Series	↑		↑		↑		↑		↑
Size (from table opposite)			↑				↑		
Function (stop or hold open)					↑				
Finish (SP28 = sprayed silver)							↑		
SB1 (sex bolts for door bracket)									↑