

# Yale<sup>®</sup>

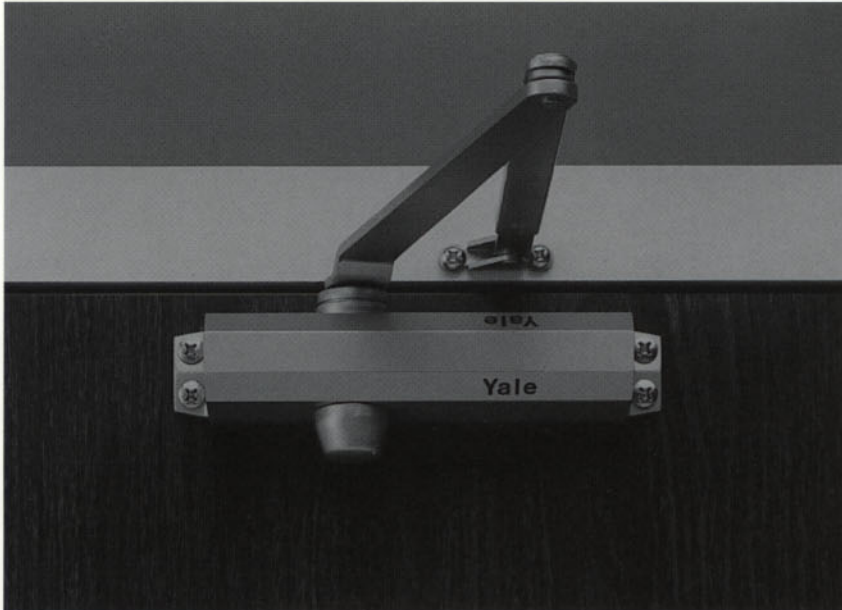
## 2000 Series Door Closers

A member of the Yale Security Group



## STANDARD DUTY DOOR CLOSER

## 2000



### Introduction

**Yale 2000 Series** Door Closer is an innovative door closer developed for world markets by the Yale Security Group, a recognized leader in locks and door control hardware.

The 2000 Series features rugged construction, adjustments for closing and latch speed, and rack-and-pinion operation. Optional features include back-check cushioning and hold-open.

### Standard Features:

- Non-handed. Applicable to right and left hand doors.
- Separate adjustment valve for closing speed from initial closing to 13° before latch.
- Separate adjustment valve for latching speed from 13° before latch.
- Rack-and-pinion operation for smooth, precise control.
- Closing power can be adjusted 15% by rotating arm-fixing bracket.
- Adjustable telescoping forearm.
- Controls doors with openings up to 180°.

### Optional Features:

- Adjustable backcheck cushioning to absorb the shock of the door at full-open position.
- Hold-open arms: holds door at any angle between 90° and 180°.
- Full molded plastic covers available. See page 4 for ordering information.

### Applications

#### Regular Arm Mounting


A standard mount closer is installed on the hinge side of the door, permitting use on doors opening inward.

For standard mount with hold-open arm, see Page 4.

For backcheck cushioning: Add "BC" after list number.

Closer Size		Maximum Door Width			
ARGE	ANSI	Interior		Exterior	
1	--	810mm	32"	760mm	30"
2	2	910mm	36"	810mm	32"
3	3	1070mm	42"	910mm	36"
4	4	1220mm	48"	--	--

### Performance Standards

The 2000 Series closer has successfully passed ANSI/BHMA Grade 3 tests. The non-hold-open function closer is also listed with Underwriters' Laboratories. 

### Finishes

Yale Symbol	BHMA	Description
SB	689	Silver Bronze (Alum)
BL	691	Dull Bronze
STAT	690	Dark Stat. Bronze
SBRN	692	Swedish Brown
315	693	Black
GB	696	Gold
White	714	White

### Installation

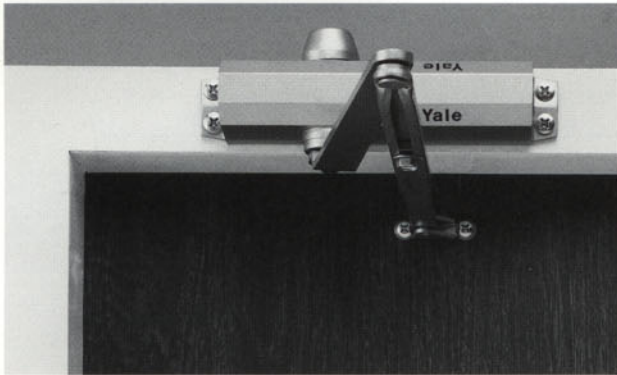
A concise, non-verbal template / installation / instruction sheet is provided with each series 2000 door closer package. The sheet covers the simple steps for:

- Positioning and installing the closer and arm.
- Adjusting the closing and latching speeds.

## APPLICATIONS

## 2000

### Top Jamb



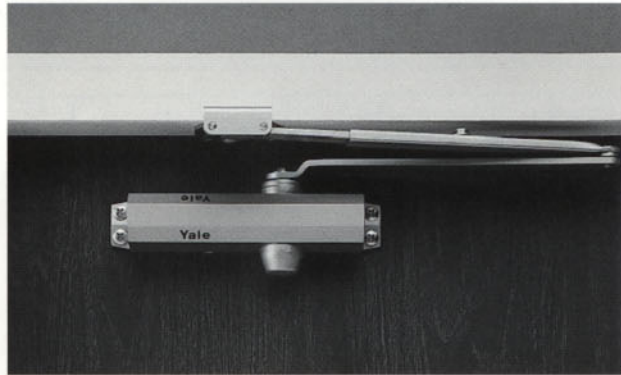
Top Jamb-Mounted Closers are installed on the side opposite the hinges. The closer is mounted onto the frame above the door. This permits installation on the inside of an out-swinging door.

For Backcheck Cushioning: Add "BC" after List Number.

Closer Size		Maximum Door Width			
ARGE	ANSI	INTERIOR		EXTERIOR	
1	--	810mm	32"	760mm	30"
2	2	910mm	36"	810mm	32"
3	3	1070mm	42"	910	36"
4	4	1220mm	48"	--	--

Note: Closers not intended for installation on high-frequency exterior doors or doors subject to abusive conditions.

### Parallel Arm



Parallel-Arm closers are installed on the side opposite the hinges. The closer is mounted onto the push side of the door top rail. They are used when the lintel is extra deep or small.

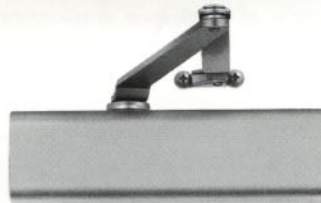
For Backcheck Cushioning: Add "BC" after List Number.

Closer Size		Maximum Door Width			
ARGE	ANSI	INTERIOR		EXTERIOR	
1	--	--	--	--	--
2	2	760mm	30"	--	--
3	3	810mm	32"	760mm	30"
4	4	910mm	36"	810mm	32"

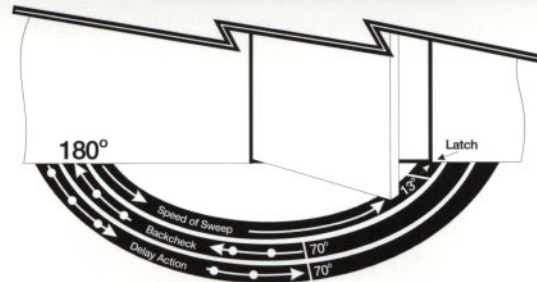
Note: Closers not intended for installation on high-frequency exterior doors or doors subject to abusive conditions.

### Accessories

Full Molded Covers. Cover snaps in place over closer. Finished in same color as closer arm. Removable notch to accommodate arm of either left or right hand closer.

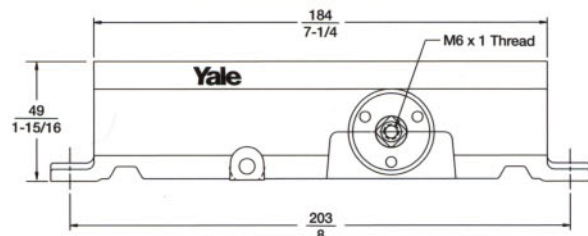
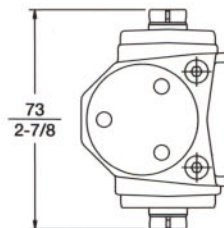


### Sweep & Latch Dimensions



### Closer Dimensions

Dimensions are shown in:  $\frac{\text{mm}}{\text{inches}}$

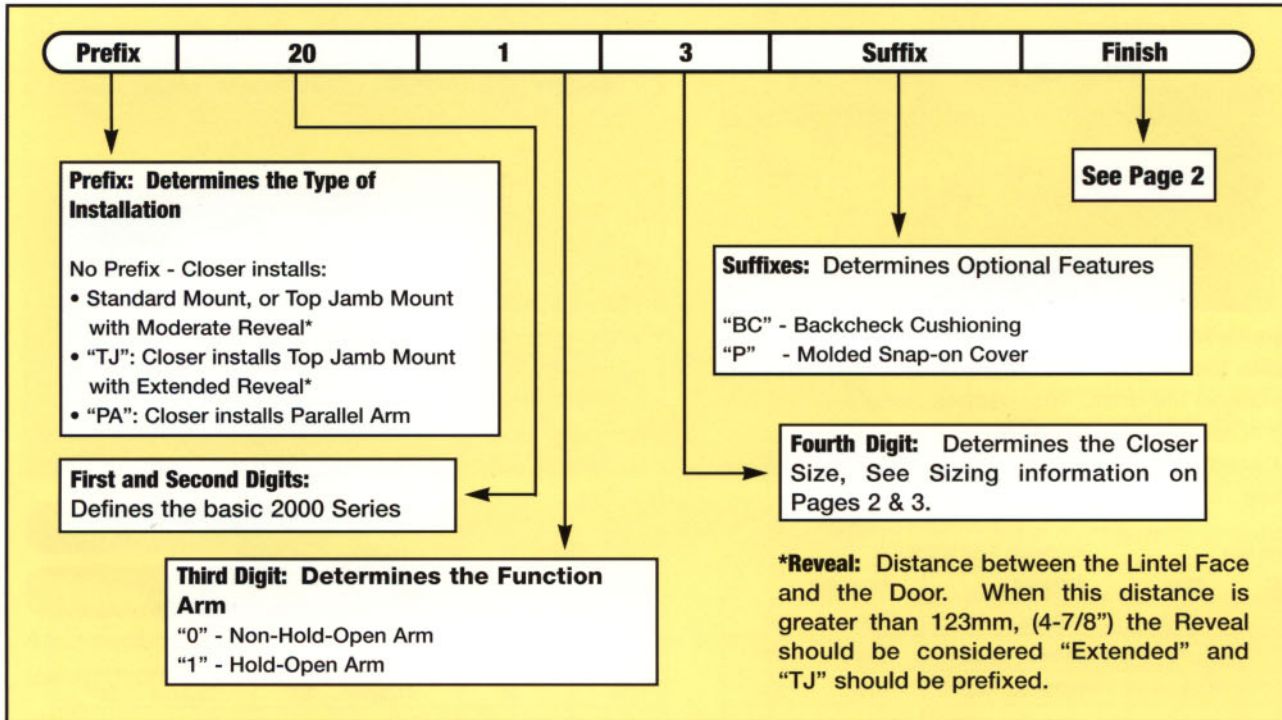


## HOW TO ORDER

## 2000

### Ordering Information

From this outline select the List Number for the Yale 2000 Series door closer you require.



### Packaging

Yale 2000 Series closers are bi-packed for regular arm and top jamb applications, one to a box. All of the necessary fixing hardware, installation instructions and adjustment tools are provided in the unit carton.

Special fasteners are available to order.

Sex Nuts = SN

Thru Bolts & Grommet Nuts = TBGN

### Yale Products

Yale 2000 Series door closers are designed to satisfy a variety of hardware applications. Such applications include slide track, hold-open arms and other configurations. Yale 2000 Series door closers are part of a dedicated range of international door control products. This range includes the 2500 and W3000 Series of products. These and other commercial hardware products are available from Yale. Detailed templates are also available upon request. Contact your Yale distributor for more information on these and other Yale hardware products.

**Yale®...The Leading Name in World Security.**

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