

## Adjustable Spring Tension (ADA) Overhead Concealed Closers Hydraulic Door Closers

### CA3300 OHC Series

#### FEATURES

- Handicap (ADA) multi-sized closers with adjustable spring power for a range of sizes after installation.
- Underwriters' Laboratories Inc. Listed for units without hold open feature. UL10C for positive pressure and certified to conform to UBC 7.2 (1997) BS476 for Fire Safety.
- **Center Hung Door Application :**  
Double or Single Acting (applied door stop renders unit Single Acting). Adjustable 'S' type side loading or 'A' type, 'K' type, and 'PT' type end loading arms are available for center pivoted door applications.
- **Offset Hung Door Application:**  
Single Acting Offset 'JO' and 'VO' type top arms are available for butt hung or offset pivoted applications. Note : Offset arm application geometry increases the effective spring tension in some instances thereby possibly exceeding the 5 lb. and 8-1/2 lb. Opening Force requirements.

#### DOOR CLOSER FUNCTIONS

- **Built-in positive Back Stop and Hold-Open positions. are available :**

Models CA3310, CA3311, CA3312, CA3313



- 105° Back Stop with Hold-Open
- 105° Back Stop -no Hold-Open
- 90° Back Stop with Hold-Open
- 90° Back Stop -no Hold-Open



Models CA3301, CA3302, CA3303

- 130° Back Stop with 105° Hold-Open
- 130° Back Stop with 90° Hold-Open
- 130° Back Stop with No Hold-Open



- **Dual Speed Control Valves :**  
Closing and Latching speeds controlled by separate regulating valves, fully adjustable after installation.
- Adjustable CA3010-DP dual purpose radial ball-bearing bottom pivot set is provided for floor or threshold mounted (Side or End Loading) center pivoted installation. CA3010-G and CA3010-GE bottom pivot sets are optional, and must be ordered separately.
- Universal application. Non-handed for left or right door application.
- Installs in an aluminum storefront header or transom as small as 1-3/4" x 4"
- Positive cam centering for alignment and to hold door closed against normal wind or draft conditions.
- Stable hydraulic door check fluid for any climatic operation and provides constant lubrication.
- The 3300-20 Series is the standard 3300 Series OHC door closer assembled with an Extended Spindle Shaft (17/64" longer than standard).

**Center Hung Doors :** Complete units for aluminum doors and frames are furnished with top arm assembly ('S' side loading, 'A', 'K', or 'PT' end loading), adjustable dual purpose CA3010-DP bottom pivot set for floor or threshold mounting (side or end loading), and CA3010-FS anchor set with all fasteners.

'S' type side loading top arm, CA3010-DP adjustable dual purpose pivot set, and the CA3010-FS anchor set will be furnished unless otherwise specified by the customer.

'A' type, 'K' type or 'PT' type end loading, and 'JO' or 'VO' type offset arms are optional, but must be specified.

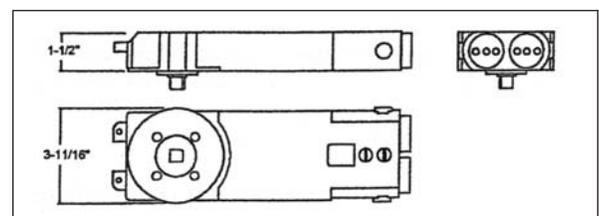
#### ADA Opening Force Requirements

**Caution:** Any manual door closer, installed and adjusted based on ADA or other reduced opening force requirements may not provide sufficient power to reliably close and latch the door.



**Offset Hung Doors :** Complete units for offset pivoted or butt hung aluminum doors and frames are furnished with a 'JO' or 'VO' type offset arm and CA3010-FS anchor set with all fasteners. (Offset pivots or butt hinges not included. Note: Top Door Stop / Arm Cover by others).

#### CLOSER OVERVIEW (CA3300 SERIES)



## OHC CLOSER DOOR SIZE CHART AND SCHEDULE OF MODELS & TYPES

DOOR SIZE	SPRING TENSION	TYPE FUNCTION	"S" "A" "K" OR "PT" ARM	"JO" OR "VO" OFFSET ARM
From 36" to 48" X 96"	ADA 5 lb. HANDICAP SPRINGS	130° Back Stop with 105° Hold-Open	3301	N/A
		130° Back Stop with 90° Hold-Open	3302	N/A
		130° Back Stop with No Hold-Open	3303	N/A
From 36" to 48" X 96"	ADA 8-1/2 lb. HANDICAP SPRINGS	105° Back Stop with Hold-Open	3310	N/A
		105° Back Stop -no Hold-Open	3311	N/A
		90° Back Stop with Hold-Open	3312	N/A
		90° Back Stop -no Hold-Open	3313	N/A

**NOTE:**

Doors of sizes over the schedule, of excessive weight, or doors subject to severe wind or draft conditions, or abusive usage, refer to the CA2200 Series OHC door closers.

**SPECIFY:**

Door Closer Model Number and type of Top Arm, Anchor Set, and / or Bottom Pivot Set.

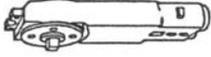
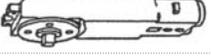
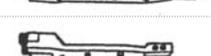
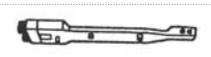
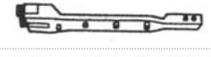
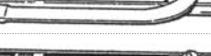
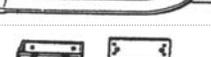
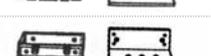
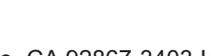
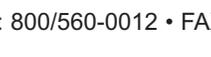
**SPECIFY FINISH:**

For CA3010-JO or the CA3020-VO Offset Arms:  
AL - Aluminum  
DU - Storefront Bronze

**WARRANTY:**

Refer to inside of the Catalog Front cover page.

### CA3300 SERIES PARTS and ACCESSORIES

Description		Part Number
Unit Body Only (Specify: Spring Tension, Type & Function)		CA3300-B
Unit Body Only (Specify: Spring Tension, Type & Function) - Extended Spindle		CA3300-20-B
"S" Type Side Loading Top Arm Assembly (1/2" Depth Top Rail)		CA3010-S
"A" Type End Loading Top Arm Assembly (1" Depth Top Rail)		CA3010-A
"A" Type End Loading Top Arm Assembly (Shortened)		CA3010-A-MOD
"K" Type End Loading Top Arm Assembly (5/8" Depth Top Rail)		CA3010-K
"PT" Type End Loading Top Arm Assembly (7/8" Depth Top Rail)		CA3010-PT
"JO" Type Offset Top Arm Assembly (Mortised Type, Cut down into 9/16" Depth Top Rail)		CA3010-JO
"VO" Type Offset Top Arm Assembly (Surface Type, Requires 7/8" Depth Top Rail)		CA3020-VO
Anchor Set (Standard - for Snap together Header)		CA3010-FS
Anchor Set (Optional - for Full tube Cut Away Header)		CA3010-FK
Corner Anchor Clip ("F" Clip Only)		CA3010- F
Adjustable Dual Purpose Bottom Pivot Set (Standard)		CA3010-DP
Adjustable Floor Mount Bottom Pivot Set (Optional)		CA3010-G
Adjustable Threshold Mount Bottom Pivot Set (Optional)		CA3010-GE



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