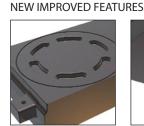


- **FEATURES**
- I.D.C. provides LEAK-FREE guaranteed performance under the most demanding conditions.
 - 1. Steel spring cap is now on top of closer body utilizing a new high performance O-Ring and epoxy sealed threads for double protection.
 - 2. New automotive type heavy duty spindle seal replacing old standard O-ring technology.
 - 3. Adjustment valves now with two high performance O-rings for double protection.
 - 4. Steel end caps incorporating new high performance O-rings and also epoxy sealed threads for double protection.
- ADA closer with Adjustable Spring Power for a range of sizes from 5 lb. to 8.5 lb. LIGHT, MEDIUM & HEAVY. Spring Tension, fully adjustable after installation.
- Barrier Free Operation to comply with Federal Accessibility Standards (ADA): complying with ANSI A117.1 (4.13.11) available for center pivoted applications.
- Built-in positive back stop and hold-open positions available:
 - 105° Back Stop with Hold-Open
 - 105° Back Stop no Hold-Open
 - 90° Back Stop with Hold-Open
 - 90° Back Stop no Hold-Open
- Suitable for both Center Hung (Double or Single Acting) and Offset Doors.
- Two control valves: Closing speed and latching speed, fully adjustable after installation.
- Fits in an aluminum header or transom bar as small as 1 3/4" x 4".
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.
- Optional 3/4" Spindle Available.

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1) Steel spring cap is now on top of closer body utilizing a new high performance O-Ring and epoxy sealed threads for double protection.



2) New automotive type heavy duty spindle seal replacing old standard O-ring technology.



3) Adjustment valves now with two high performance O-rings for double protection.

4) Now with steel end caps incorporating new high performance O-rings and epoxy sealed threads for double protection.

Center Hung Doors: Complete units for aluminum doors and frames are furnished with top arm assembly (adjustable 'S' side loading, "A" end loading, "K" end loading or "PT" end loading), adjustable dual purpose 3010-DP bottom pivot set for floor or threshold mounting (side or end loading) and 3010-FS anchor set with all fasteners.

"S" type side loading, "A" type, "K" type, or "PT" type end loading top arms are available for center pivoted applications.

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

"G" and "GE" type pivot sets are available, but must be ordered separately.

Offset Hung Doors: Complete units for offset pivoted or butt hinged aluminum doors and frames are furnished with a "JO" or "VO" type offset arm (may not meet handicap force requirements) and 3010-FS anchor set with all fasteners .

3010-DP dual purpose radial ball bearing bottom pivot set is standard for floor or threshold center pivoted installation. Optional 3010-GE bottom pivot sets are available, but must be ordered separately.

SCHEDULE OF MODELS AND TYPES

	TYPE	MODEL NO.
OTE: oorsofvaryingsizes, or of excessive weight, or doorssubject to severe wind or draft conditions, r abusive usage, refer to Series D200 Overhead Concealed Closers.	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open	D310 D311
SPECIFY: Closer Model Number and Type of Top Arm, Anchor and/or Pivot Set.	90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	D312 D313
SPECIFY FINISH:	3/4" SPINDLE	MODEL NO.
For 3010-JO or 3020-VO Arms AL - Satin Aluminum DU - Storefront Bronze	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open	D310-20-A-DP D311-20-A-DP

PARTS AND ACCESSORIES				
-	Unit Body (Specify: Spring Tension & degree of Back Stop & Hold open)			D3000-B
and a C		"S" Type Adjustable Side Loading Top Arm Assembly (1/2" Depth Top Rail)		3010-S
		"A" Type End Loading Top Arm Assembly (1" Depth Top Rail)		3010-A
		"K" Type End Loading Top Arm Assembly (5/8" Depth Top Rail)		3010-К
		"PT" Type End Loading Top Arm Assembly (7/8" Depth Top Rail)		3010-PT
		"JO" Type Offset Top Arm Assembly Mortised Type (9/16" Depth Top Rail)	Painted Arm -Aluminum Storefront Bronze	3010-JO x AL 3010-JO x DU
		"VO" Type Offset Top Arm Assembly Surface Type (7/8" Depth Top Rail)	Painted Arm -Aluminum Storefront Bronze	3020-VO x AL 3020-VO x DU
		Anchor Set (Standard)		3010-FSP
		Adjustable Dual Purpose Bottom Pivot Set (Standard)		3010-DP
		Adjustable Floor Mount Bottom Pivot Set (Optional)		3010-G
		Adjustable Threshold Mount Bottom Pivot Set (Optional)		3010-GE

International Door Closers, Inc.

West: 800-544-4422 • East: 800-225-6737 www.intldoorclosers.com

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