



OVERHEAD CONCEALED CLOSER

200 SERIES

HANDICAP & STANDARD

FEATURES

- Underwriters' Laboratories Inc. Listed - units without built-in hold-open
- **CENTER HUNG DOORS:** Double or Single Acting (Door stop applied to frame renders unit Single Acting). Adjustable "S" type side loading or "A" type, "K" type and "PT" type end loading top arms are available for center pivoted applications.
- **OFFSET HUNG DOORS:** Single Acting. Offset "JO" and "VO" type top arms are available for butt hinge or offset pivot 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
- ADA (Handicap) spring tensions available for use on center pivoted applications:
 - 5 lb. opening force (Interior door)
 - 8-1/2 lb. opening force (Exterior door)
- Standard spring tensions available:
 - **LIGHT**
 - **MEDIUM**
 - **HEAVY**
- Two speed control Valves: Closing and Latching speeds controlled by separate regulating valves, fully adjustable after installation.
- Adjustable 3010-DP dual purpose radial ball-bearing bottom pivot sets are provided for floor or threshold mounted (side or end loading) center pivoted installation. 3010-G and 3010-GE bottom pivot sets are available, but must be ordered separately.
- Fits in an aluminum header or transom bar as small as 1-3/4" x 4".
- Positive centering for alignment and to hold door closed against any normal wind or draft.
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.



5 YEAR WARRANTY

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 top arms and 3010-DP adjustable dual purpose pivot set and 3010-FS anchor set will be furnished unless otherwise specified.

"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: Single Acting. Offset "JO" and "VO" type top arms are available for butt hinge or offset pivot applications.



(Offset Pivots or Butt Hinges not included. Top Door Stop/Arm Cover by others – fabrication drawings available.)

International Door Closers, Inc.

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DOOR SIZE CHART - SCHEDULE OF MODELS AND TYPES

	DOOR SIZE	SPRING TENSION	TYPE	MODEL WITH "S" "A" "K" OR "PT" ARM	MODEL WITH "JO" OR "VO" OFFSET ARM
<p>NOTE: Doors of sizes over the schedule, or of excessive weight, or doors subject to severe wind or draft conditions, or abusive usage, require the next stronger model closer.</p> <p>SPECIFY: Closer Model Number and Type of Top Arm, Anchor and/or Pivot Set.</p> <p>SPECIFY FINISH: For 3010-JO or 3020-VO Arms AL - Satin Aluminum DU - Storefront Bronze</p> <p>WARRANTY: 5 Year Warranty</p>	From 36" to 48" X 96"	ADA 5lb. (INTERIOR) 	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	200 201 202 203	NA NA NA NA
	From 36" to 48" X 96"	ADA 8-1/2lb. (EXTERIOR) 	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	210 211 212 213	NA NA NA NA
	Up to 30" X 96"	LIGHT	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	220 221 222 223	220 X JO or VO 221 X JO or VO 222 X JO or VO 223 X JO or VO
	31" to 41" X 96"	MEDIUM	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	230 231 232 233	230 X JO or VO 231 X JO or VO 232 X JO or VO 233 X JO or VO
	42" to 48" X 96"	HEAVY	105° Back Stop with Hold-Open 105° Back Stop - no Hold-Open 90° Back Stop with Hold-Open 90° Back Stop - no Hold-Open	240 241 242 243	240 X JO or VO 241 X JO or VO 242 X JO or VO 243 X JO or VO

PARTS AND ACCESSORIES

PART NO.

	Unit Body (Specify: Spring Tension & degree of Back Stop & Hold open)	2000-B
	"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-K
	"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-FS
	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