



- Certifications**
- Certified ANSI/BHMA A156.4, Grade 1
  - cULus listed
  - ADA compliant, barrier free
  - 10 Year limited warranty

- Power Size**
- Adjustable size 1-6 (preset 3)

- Body Material**
- Cast aluminum body, painted finish

- Mechanism**
- Hydraulic rack and pinion operation

- Fluid**
- Non-gumming, non-freezing hydraulic fluid

- Adjustments**
- Sweep speed adjustment valve
  - Latching speed adjustment valve
  - Cushioning backcheck adjustment valve
  - Delayed action adjustment valve - option

- Cover**
- Narrow plastic cover with pinion cap, painted finish
  - Full body plastic cover, painted finish – available

- Handing**
- Non-handed

- Opening**
- 180° maximum

- Mounting**
- Tri-Pack: regular<sup>1</sup>, top jamb<sup>1</sup>, parallel arm<sup>2</sup>
  - Maximum reveal: 3" (76 mm)
  - Forearm extension<sup>3</sup> – available
  - Drop plates – available

*(1) Arm shoe allows ±7.5% power adjustment*

*(2) May reduce spring power efficiency by 25%*

*(3) For reveal up to 4" (101.6 mm)*

- Hardware**
- Wood screws & self-tapping machine screws
  - Sex nuts & thru-bolts – available

- Available Arms**
- Regular arm, friction hold open
  - Heavy duty cushion stop arm, no hold open
  - Heavy duty cushion stop arm, hold open
  - Heavy duty spring cushion stop arm, no hold open

- Finish**
- AL–Aluminum, painted

*Other finishes available by special order*

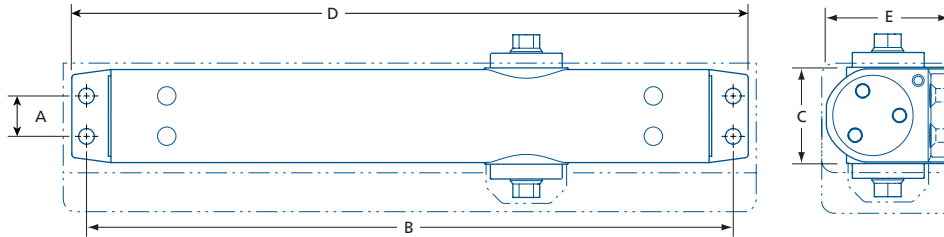
851BC - AL  
MODEL FINISH

SEE SELECTION GUIDE FOR DETAILS

## SELECTION GUIDE

MODEL	POWER SIZE	WEIGHT CAPACITY <sup>1</sup>	MAX. DOOR WIDTH <sup>2</sup>		BACKCHECK	DELAYED ACTION	FINISH	/CASE
			INTERIOR	EXTERIOR				
851 BC	1-6	265	54	48	●	—	AL	6
851 BCDA	1-6	(120)	(1372)	(1219)	●	●	AL	6

CAUTION: ANY DOOR CLOSER INSTALLED AND ADJUSTED BASED ON ADA REDUCED FORCE REQUIREMENTS MAY NOT RELIABLY CLOSE AND LATCH DOOR.  
 (1) WEIGHT CAPACITY IN POUNDS (KILOGRAMS) (2) MAXIMUM DOOR WIDTH IN INCHES (MILLIMETRES)



MODEL	A	B	C	D	E
851 WITH NARROW COVER <sup>1</sup>	3/4	11 15/16	1 7/8 (47)	12 3/4 (324)	2 (50.5)
851 WITH FULL BODY COVER <sup>1</sup>	(19)	(303)	3 (76)	13 (330)	2 1/16 (54.5)

IN (MM) (1) PIVOT CAP AND NARROW COVER INCLUDED; FULL BODY COVER SOLD SEPARATELY

## PARTS & ACCESSORIES



**CSA851**  
Heavy duty cushion stop arm, hold open. Not for use on fire rated doors.



**CSANHO851**  
Heavy duty cushion stop arm, no hold open.



**SCSANHO851**  
Heavy duty cushion spring stop arm, no hold open.



**851-ARMF**  
Regular arm with adjustable friction hold open. Includes parallel arm bracket. Not for use on fire rated doors.



**851-EXT**  
Long forearm link for reveal up to 4" (102 mm).



**FULLCOVER851**  
Full body plastic cover.  
LxWxD: 13 x 3 x 2 1/16" (330 x 76 x 52 mm)



**851-DP**  
For regular installations where the door top rail height is insufficient for direct mounting.



**851-DPTJ**  
For top jamb installations where the door frame header height is insufficient for direct mounting.



**851-DPPA**  
For parallel arm installations where the door top rail height is insufficient for direct mounting.



**SNB1420**  
Aluminum sex nut & steel thru-bolt kit (4) for doors 1 3/4" (44.5 mm) thick.

