



- Certifications**
- Conforms to ANSI/BHMA A156.4, Grade 1
 - cULus listed
 - ADA compliant barrier free model – available
 - 10 Year limited warranty

- Power Size**
- Adjustable size 2-6 (preset 3)
 - Adjustable size 1-4 (preset 2), barrier free

See selection guide for details

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

- Mechanism**
- Hydraulic rack and pinion operation

- Fluid**
- Non-gumming, non-freezing hydraulic fluid
 - Operating range of 49° to -35° C (120° to -30°F)

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

- Cover**
- Full body plastic cover, painted finish
 - Full body metal cover, plated finish (BP finish only) – option

- Handing**
- Non-handed

- Opening**
- 180° maximum

- Mounting**
- Tri-Pack: regular¹, top jamb¹, parallel arm²
 - Drop plates – available

(1) Arm shoe allows ±7.5% power adjustment

(2) May reduce spring power efficiency by 25%

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

- Available Arms**
- Regular arm with adjustable hold open
 - Heavy duty cushion stop arm, hold open
 - Heavy duty cushion stop arm, no hold open
 - Sliding arm, hold open
 - Sliding arm, no hold open

- Finish**
- AL–Aluminum, painted; BP–Brass, plated;
DU–Dark bronze, painted; MB–Matte black, painted


Other finishes available by special order

1900BF – AL
MODEL FINISH

SEE SELECTION GUIDE FOR DETAILS

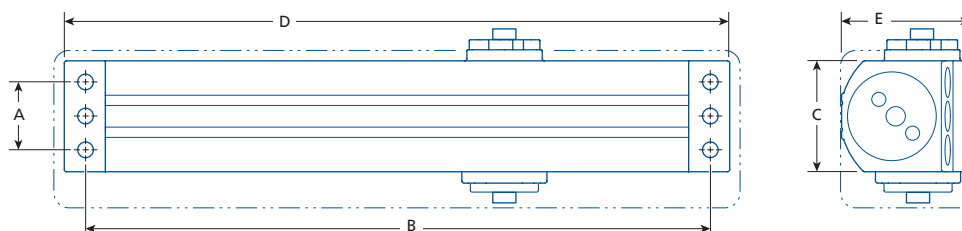


SELECTION GUIDE

MODEL	POWER SIZE	WEIGHT CAPACITY ¹	MAX. DOOR WIDTH ²		BACKCHECK	DELAYED ACTION	FINISH	/CASE
			INTERIOR	EXTERIOR				
1900	2-6	330 (150)	54 (1372)	48 (1219)	■	—	AL, BP, DU, MB	6
1900 BF 	1-4	265 (120)	48 (1219)	42 (1067)	■	■	AL, DU	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
1900	1 $\frac{1}{8}$ (29)	11 $\frac{1}{8}$ (283)	2 (51)	11 $\frac{1}{8}$ (302)	2 $\frac{3}{8}$ (61)
1900 with cover	1 $\frac{1}{8}$ (29)	11 $\frac{1}{8}$ (283)	3 (76)	12 $\frac{1}{8}$ (308)	2 $\frac{1}{2}$ (64)

IN (MM)

PARTS & ACCESSORIES



CSA1900
Heavy-duty cushion stop arm,
hold open.



CSANHO1900
Heavy-duty cushion stop arm,
no hold open.



SAHO1900
Slide arm, hold open.



SANHO1900
Slide arm, no hold open.



HOA1900
Regular arm with adjustable hold open and
parallel arm bracket.



DP1900
For parallel arm installations where the
door top rail height is insufficient for
direct mounting.



735
Parallel arm bracket.



SNB1420
Sex nut & thru-bolt kit (4) for doors
1 $\frac{3}{4}$ " (44.5mm) thick.

