



CR Compression System

Swinghandle actuator

- Consistent compression
- Adjustable grip
- Meets NEMA 4 / IP 66 and EMI standards

Material and Finish

Handle actuator:

Zinc alloy black powder coated

Mounting hardware:

Acetal black, stainless steel and brass

Performance Details

Max. static load:

250 N (55 lbf) per latch point

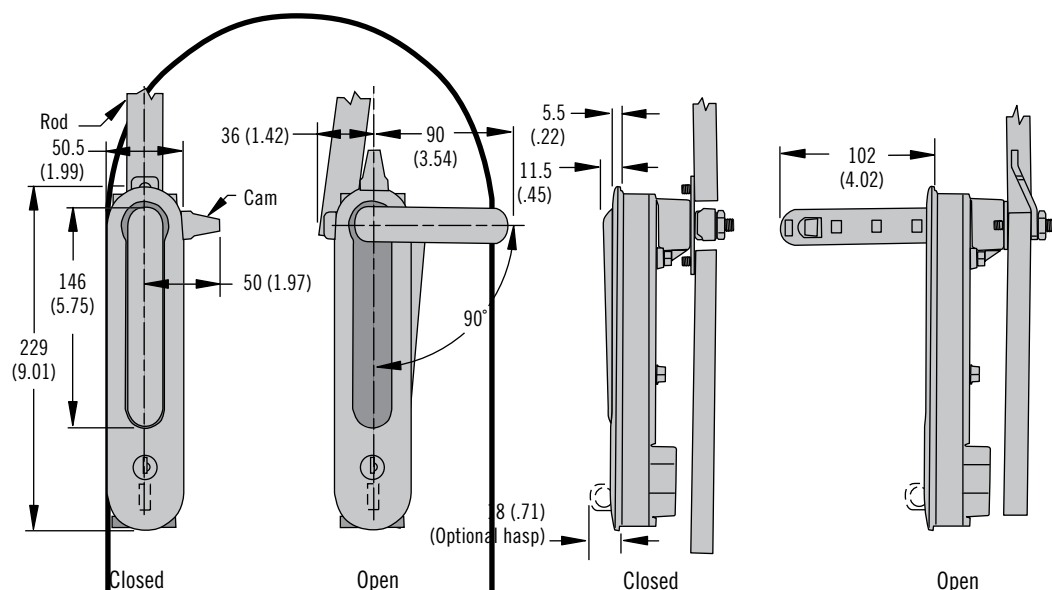
580 N (130 lbf) for entire system

Average ultimate load:

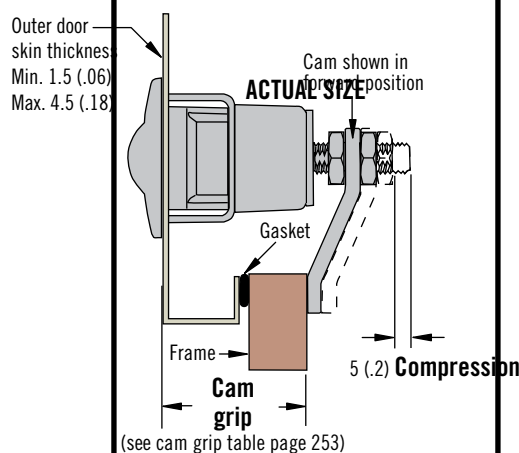
580 N (130 lbf)

Flammability rating:

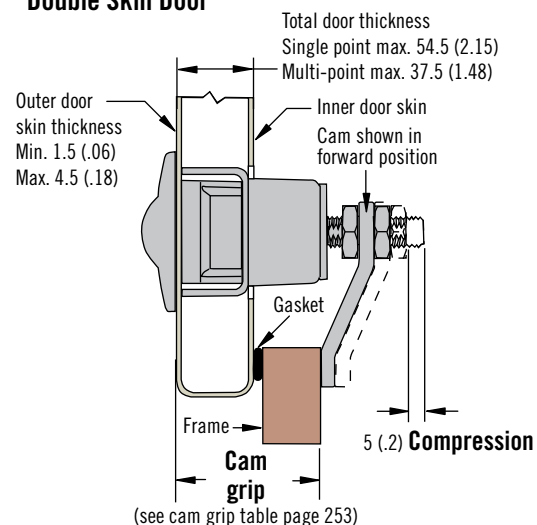
UL94-HB for all plastic components



Single Skin Door



Double Skin Door



Part Number Selection

Actuator only

The complete system consists of:

Actuator (see part number selector)

Cam (see page 253)

Rod end (see page 254)

Rods (see page 254)

Rod guide (see page 254)

Order each component separately

CR - 19 - L - R 5

L Lock style

- 11 Key-locking keyed alike CH751 (2 keys supplied)
- 21 Keylocking keyed alike CH751 (2 keys supplied) and padlock hasp
- 32 DIN 1834 profile keyed alike 347876 (3 keys supplied)
- 44 Bellcore electronics
- 45 Bellcore 216
- 54 Bellcore electronics and padlock hasp
- 55 Bellcore 216 and padlock hasp

R Rotation

- 1 Universal 180°
- 2 Counter-clockwise 90°
- 3 Clockwise 90°

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CR Compression System

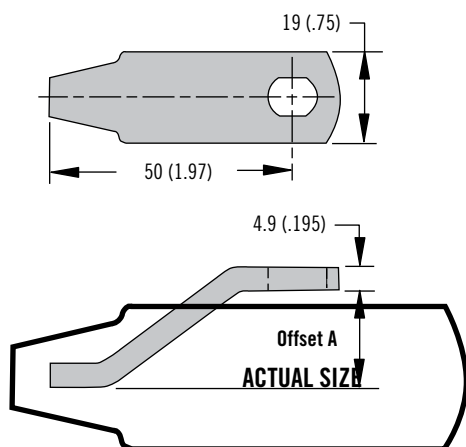
Cam



253

Cam

See page 252 for definition of cam grip



Cam Part Number	Offset A	Cam Grip Range	
		Cam Forward	Cam Reversed
CR-846-1000-24	0 (0.0)	56.5 - 62 (2.23 - 2.44)	
CR-846-1005-24	5 (.20)	51.5 - 57 (2.03 - 2.25)	61.5 - 67 (2.42 - 2.64)
CR-846-1010-24	10 (.39)	46.5 - 52 (1.83 - 2.05)	66.5 - 72 (2.62 - 2.84)
CR-846-1015-24	15 (.59)	41.5 - 47 (1.64 - 1.85)	71.5 - 77 (2.82 - 3.03)
CR-846-1020-24	20 (.79)	36.5 - 42 (1.44 - 1.66)	76.5 - 82 (3.01 - 3.23)
CR-846-1025-24	25 (.98)	31.5 - 37 (1.24 - 1.46)	81.5 - 87 (3.21 - 3.43)
CR-846-1030-24	30 (1.18)	26.5 - 32 (1.05 - 1.26)	86.5 - 92 (3.41 - 3.62)
CR-846-1035-24	35 (1.38)	21.5 - 27 (.85 - 1.07)	91.5 - 97 (3.60 - 3.82)
CR-846-1040-24	40 (1.58)	16.5 - 22 (.65 - .87)	96.5 - 102 (3.80 - 4.02)
CR-846-1045-24	45 (1.77)	11.5 - 17 (.46 - .67)	101.5 - 107 (3.99 - 4.22)
CR-846-1050-24	50 (1.97)	6.5 - 12 (.26 - .47)	106.5 - 112 (4.19 - 4.41)

Material and Finish

Stainless steel

Part Number

Cam see table

The complete system consists of:

Actuator (see page 252)

Cam (see table)

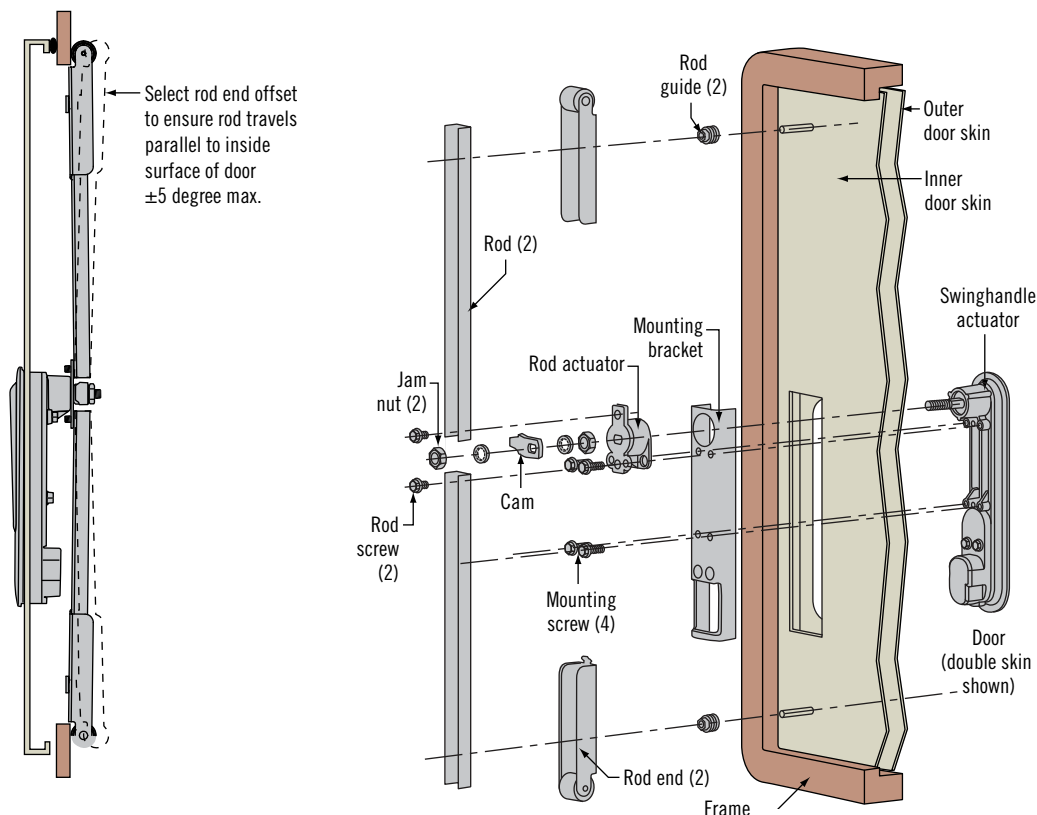
Rod end (see page 254)

Rods (see page 254)

Rod guide (see page 254)

Order each component separately

Assembly

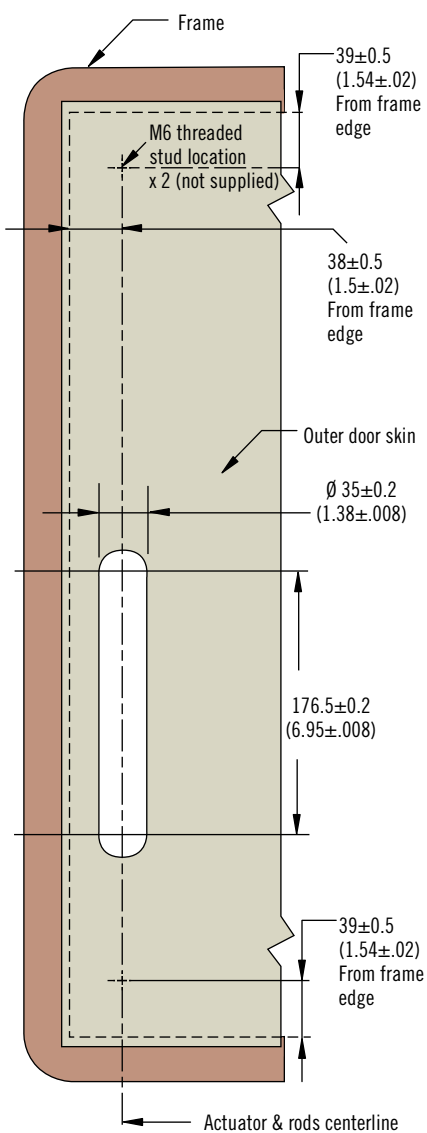
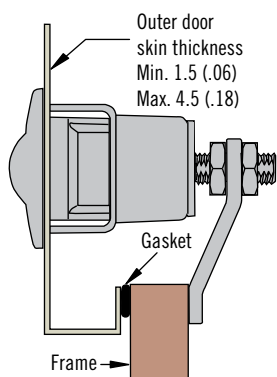


Rod end · Rod · Rod guide · Installation

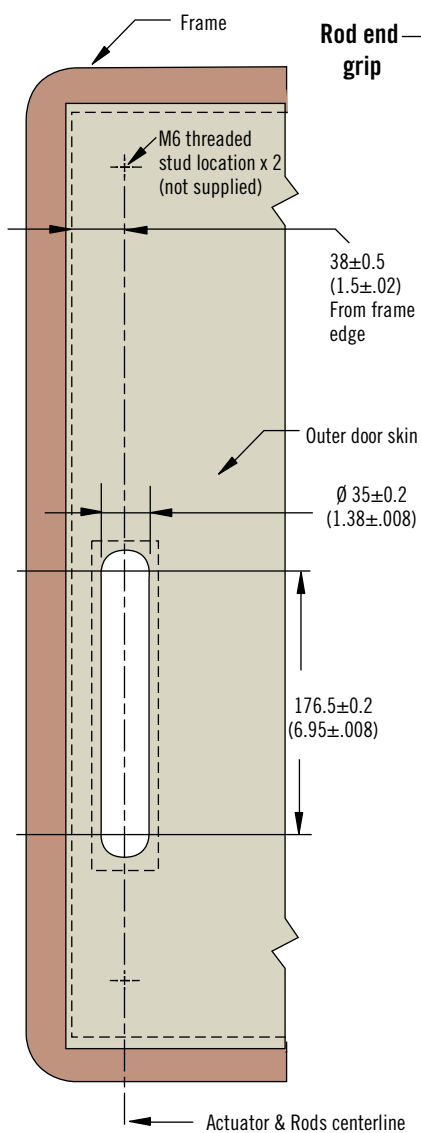
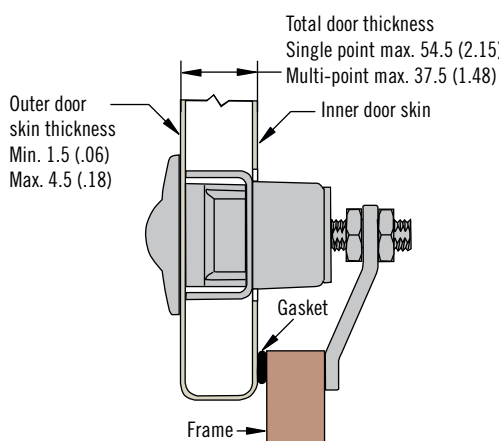
UNI-BIS
INDUSTRY SOLUTIONS

Installation (For full installation drawings go to www.southco.com/CR)

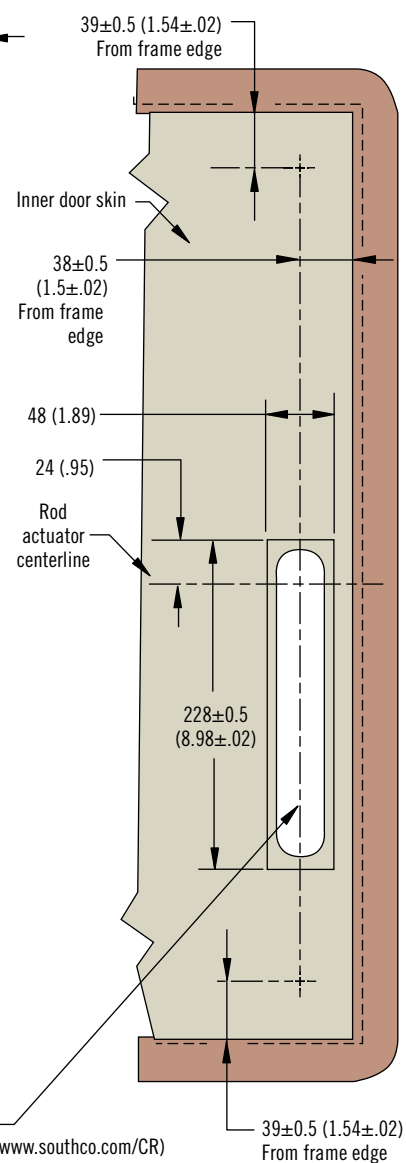
Single Skin Door View From Front



Double Skin Door View From Front



View From Rear



(For actuator installation information go to www.southco.com/CR)

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