

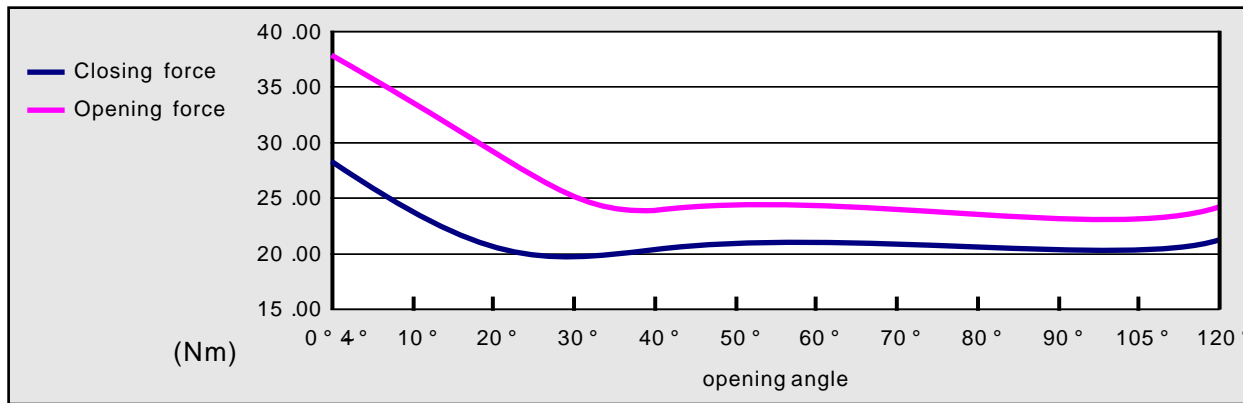
# armor Cam Action

## CD50CA Concealed Door Closer - Power Adjustable

The CD50CA Series is a cam action concealed door closer. The cam action design is ideal, as it provides much greater efficiency than a rack and pinion door closer. It provides much lower opening resistance while delivering optimum closing force and control. The door closer's adjustable closing power permits use in the medium to heavy duty demanding situations, with its efficiency and flat power curve can be the ideal solution for your heavy doors. It complies with the European DDA requirements as well.



Size 4 efficiency chart



(1) Cast iron body for high strength and last longer cycles

(2) Closer spring power adjustable, power 2-4.

One unit can be used on different forces required to close a door

(3) Cam action technology provides high efficiency, and easy open, safe and reliable closing power for door application

(4) Closing speed valve controls how fast the door closer from fully open to 15° closed position

(5) Latching speed valve controls the speed of door from 15°-0° close position

(6) Hold open or Non hold open function available on every closer

steel made artistic door

exterior door

interior door



### SELECTION CHART

Size	DOOR WIDTH (mm)	DOOR WEIGHT (Kgs)
2	760~850	20 -40
3	850~950	40 -60
4	950~1100	60~80

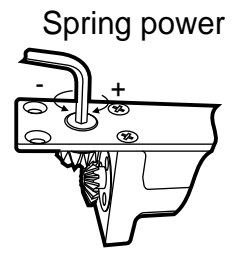
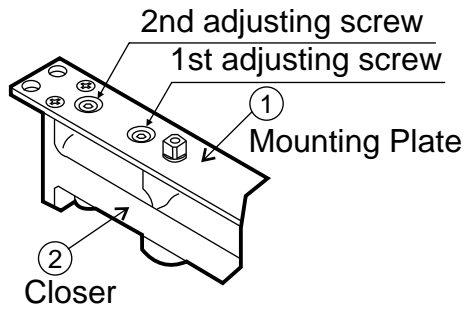
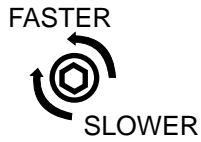
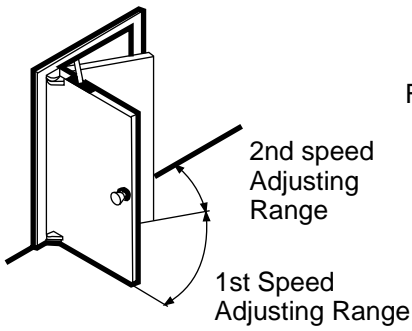
( - ) counterclockwise, ( + ) clockwise clockwise, pre-set turned zero



HENG KUO CO., LTD. - (TAIWAN)  
KUNSHAN HENG KUO MACHINERY CO., LTD

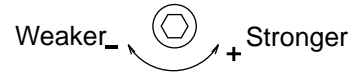
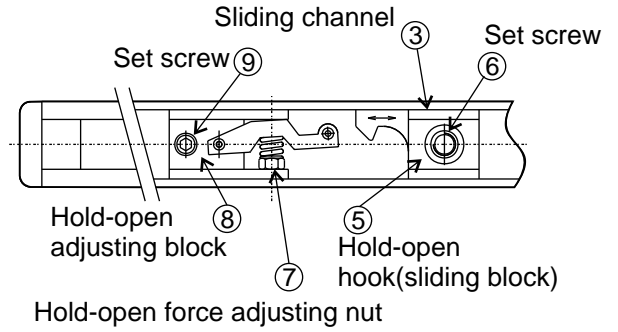
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SINCE 1954



### HOLD-OPEN ADJUSTMENT INSTRUCTIONS

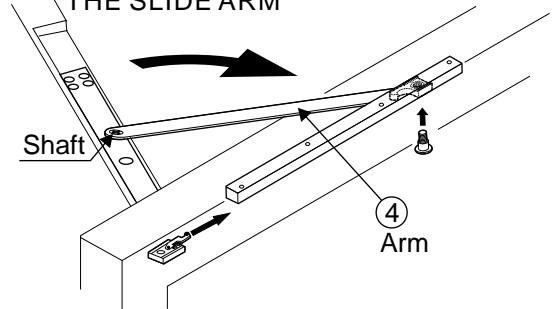
- (1) Before install, sliding the sliding block ⑤ and adjusting block ⑧ into channel ③ .
- (2) Open door to desire hold-open angle and tighten the set screw ⑨ on adjusting block ⑧ .
- (3) Adjust the hold-open force please refer to the drawing shown in left.
- (4) Delete the hold-open function to remove the adjusting block ⑧ .



### INSTALLATION INSTRUCTIONS

- (1) Mount closer ② on mounting plate ① by attached 4-M5 X 10 machine screws.
- (2) Place closer with mounting plate ① and sliding channel ③ into respective notch of door and frame then fixed by 4-M5X15 machine screws ( or 4-#1( 5) X 25 wood screws) according to the dimension shown in the right side.
- (3) Attach arm ④ to sliding block ⑤ and tighten by screw ⑥ .
- (4) Open door about 60 ° from closed position, using attached spanner to rotate closer's shaft clockwise from its rest position about 90 ° fix the square hole of arm ④ to closer's shaft. Tighten arm screw securely.

SLIDE THE HOLD-OPEN LATCH INTO THE CHANNEL AFTER FIX IT WITH THE SLIDE ARM



### STANDARD INSTALLATION ( 105 ° opening )

