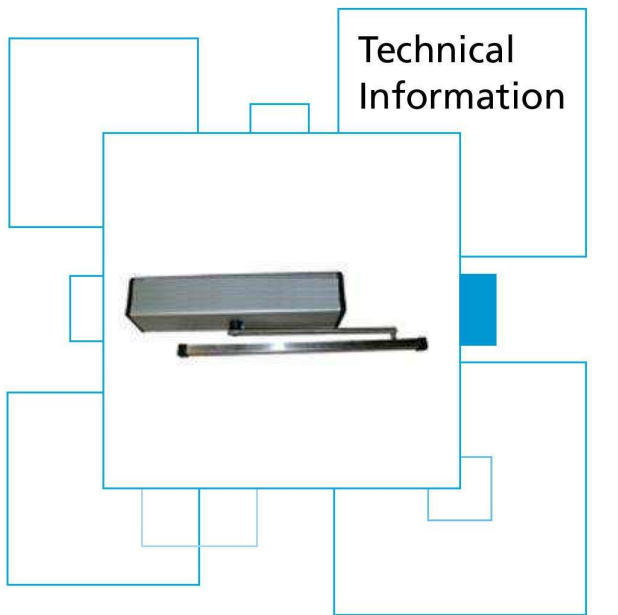


Crawford  
CSW-410(-S) Swing Door Operator



# Crawford

## CSW-410(-S) Swing Door Operator

### The powerful and quiet choice:

Crawford CSW-410-S (swing door operator with spring system) and the CSW-410 (swing door operator with spring-less motorised system) can be installed either above the door or on the door itself (depending on which arm system is used).

The CSW-410 electro-mechanical system, with direct-current motor and activation arm, controls the door opening at the lowest possible operating noise level. The CSW-410 operator is very quiet in both the spring version and in the version with motorised closing.

This product is not just attractive, but is also sturdy, reliable and above all, safe. In

compliance with current safety regulations, speed and force are programmed according to the door's dimensions. If the door meets an obstacle, it reopens immediately and, when it closes the next time, it verifies clearance of the obstacle at slow speed.

### The Crawford CSW-410(-S) offers:

- Functions: Automatic – Manual – Open
- Self learning open and closed positions and measurement of door weight
- Selectable PUSH and GO function
- Easy programming of control unit
- Standard connection for sensors, safety, locks, etc.

### Technical information

Power supply	230 V ~ (+6% - 10%) 50 (60) Hz
Max power consumption	100 W
Use frequency	Continuous
Motor type	24 V DC with encoder
Activation CSW-410-S	Electro-mechanical with return spring
CSW-410	Power open / power closed
Dimensions	530 x 100 x 104mm (W x H x D)
Weight	10 Kg
Protection Class	IP23
Opening Angle	70° / 95°
Traction force	Adjustable from 60% to 100%
Opening speed	Adjustable from 30% to 100%
Closing speed	Adjustable from 30% to 100%
Hold open time	Adjustable from 1 to 30 seconds
Operating functions	Automatic – Manual – Open
Activating arms	Push articulated arm Short sliding arm Long sliding arm Drive shaft extension



Model	Application			
	Leaf length (mm)	Leaf max weight (Kg) (With articulated arm)	Leaf max weight (Kg) (With short slide arm)	Leaf max weight (Kg) (With long slide arm)
CSW-410-S	700	367	286	-
	750	320	249	-
	800	281	219	-
	850	249	-	194
	900	222	-	173
	950	199	-	155
	1000	180	-	140
	1050	163	-	127
	1100	149	-	116
	1150	136	-	106
	1200	125	-	97
	1250	115	-	90
	1300	107	-	83
	1350	99	-	77
	1400	92	-	71

Model	Application			
	Leaf length (mm)	Leaf max weight (Kg) (With articulated arm)	Leaf max weight (Kg) (With short slide arm)	Leaf max weight (Kg) (With long slide arm)
CSW-410	700	130	100	-
	750	124	96	-
	800	118	92	-
	850	113	-	89
	900	108	-	85
	950	104	-	83
	1000	100	-	80