

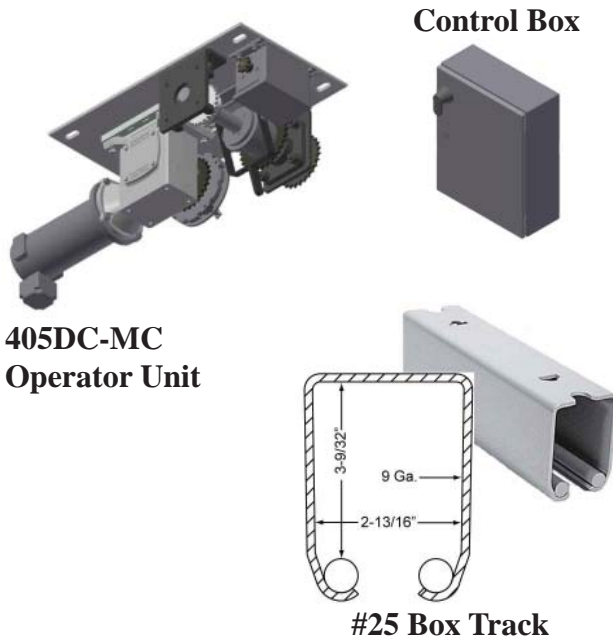


# CROWN INDUSTRIAL OPERATORS

Door Hardware, Doors, Operators and Complete Systems

Manufacturer of Aut-o-doR® products

## 405DC-MC Industrial Sliding Door Operator with Manual Clutch



### Features:

- Gearhead Motor: perfect drive alignment.
- Rugged motor base, supports, idler and door rollers.
- Quality roller drive chain with minimum ultimate tensile strength to 6100 lbs.
- Heavy duty clutch release allows emergency release for manual operation.
- Wide selection of optional custom door controls and logic.
- Includes submittal shop/installation drawings and engineering support staff.

405 Door Operator Capacity								SPEED	
Operator	Application Description	H.P.	Max. Opening Width (Ft)	MAX Surface Area Per Door (Ft <sup>2</sup> )	Weight Per Each Door (lbs.)	Shipping Weight Per Operator (lbs.)	Ft. / Min.	In. / Sec.	
405DC-MC (Manual Clutch)	Single	1/2	8'-0"	200	1,500	330	45	9	
			Over 8'-0"	100	1,250	330	60	12	
405DC-EC (Electric Clutch)	Bi-parting (2 doors, 1 operator)	1/2	10'-0"	100	750	335	45	9	
			Over 10'-0"	50	625	335	60	12	

Designed for hard usage in commercial and industrial applications with heavy traffic. The units are available in 1/2 and 1 HP sizes. This operator is great for low head-room conditions or applications where the operator and hardware needs to be concealed and out of sight.

DC (Direct Current) operators offer smooth ramp up/down speeds and are very quiet.

Door movement is controlled by a continuous loop of #52 heavy roller chain that runs inside of Crown Industrial #25 box track. The drive chain is directly attached to the rollers of the sliding door hardware. This gives a nice clean appearance for the face of your door. One end of the loop of chain is driven by the operator unit while the other end is supported by an idler sprocket that is mounted to the track. A #405P746 is used to maintain chain tension. For long runs of chain, #25.405RC anti-sag rollers are available to prevent the chain from sagging down out of the track.



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