

MAXUM

Next Generation
DC Commercial Door Operator

JDC Jackshaft Operator

SECTION 08 71 13

DATA SHEET



Key Features

Standard Application

Recommended for door types including:

- Sectional Doors (Standard Lift, High Lift and Full Vertical)
- Rolling Steel Doors/Grilles

Standard Duty cycle only

Rated Duty Cycle Operator Speed

Standard Duty: Up to 20 cycles per hour and 90 cycles per day
Average 12" per second for Sectional doors and 8-9" per second on Rolling Steel doors

Limit Settings

Electronic limits via Floor Level Wall Controller with LCD display

Emergency Solution

Via Battery Backup which is standard on Jackshaft Operators

Programming

Floor Level Wall Controller with LCD display to program and commission door

Circuit Board

DC Logic Circuit Board

Timer-to-Close

Programming through menu on wall controller. Option is available in B2 Mode with two settings. User can select a desired Timer-to-Close (TTC) time duration under that menu

Mid-Stop

Program setup under System Configuration Operating Mode, Mid-stop

Battery Backup

DC45AH: (2) 4.5 Ah batteries and mounting bracket (standard)

DC7AH: (2) 7 Ah batteries and mounting bracket (optional)

Run Time Protection

Standard: 20 Cycle Count and Cycle 21% within a 60 minute threshold

Motor Reverse Action Protection

Stop Fast: 250ms ramp

Stop Ramp: 500ms-2000ms; Stop button while opening

Emergency (Safety-Chain): CTM trigger immediate stop

Motor Operator Wall Controller

Floor Level Wall Controller with LCD screen using 2 wire interface to connect to powerhead

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Specifications:

Radio Receiver	LiftMaster Security+ 2.0
Voltage Connections	120Vac 1 PH/240Vac 1/3PH; 480Vac 3PH; 208Vac 3PH (via transformer); 600Vac 3PH (via transformer)
Accessory Power	24Vdc, 1A Auxiliary Output
Drive Reduction	65:1 Gearbox with #50 Chain Output
Brake	Electromechanical for operators that support doors up to 700 lbs.
Construction	NEMA 1 type electrical box, heavy duty 11 gauge steel frame with durable powder coat finish
Warranty	2 years

Installation Features:

Maximum Door Weight See SKU listing below for maximum door weights allowable by SKU

Connectivity:

Wi-Fi® Connect to Wi-Fi via Connectivity option on the wall controller
Internet Connectivity myQ® technology enables remote monitoring and control via smartphone, tablet, computer. myQ Facility technology enables Diagnostics, absolute cycle count, service cycle count, and remote management

Door Weight Chart

SKU	PRODUCT FAMILY	MAX DOOR WEIGHT
JDC7S1BMC	Jackshaft	700 lb.
JDC7S4BMC	Jackshaft	700 lb.

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Sectional Doors

Recommended Drum/Sprocket Configuration for
12"/second Door Speed

Operator	Door Type	Drum*	Sprocket**
700	Standard	D400-96	16
	High Lift	D400-54	
	Standard	D400-144	

*maximum height depending on drum choice/max 40 feet

**number of teeth

Rolling Doors

Recommended Sprocket Configuration for 8-9" Second/ Door Speed

Uninsulated Rolling Doors

Operator	Sprocket**	Door Weight
700	50	up to 450 lbs.
	72	450 up to 700 lbs.

Insulated Rolling Doors

Operator	Sprocket**	Door Weight
700	60	up to 450 lbs.

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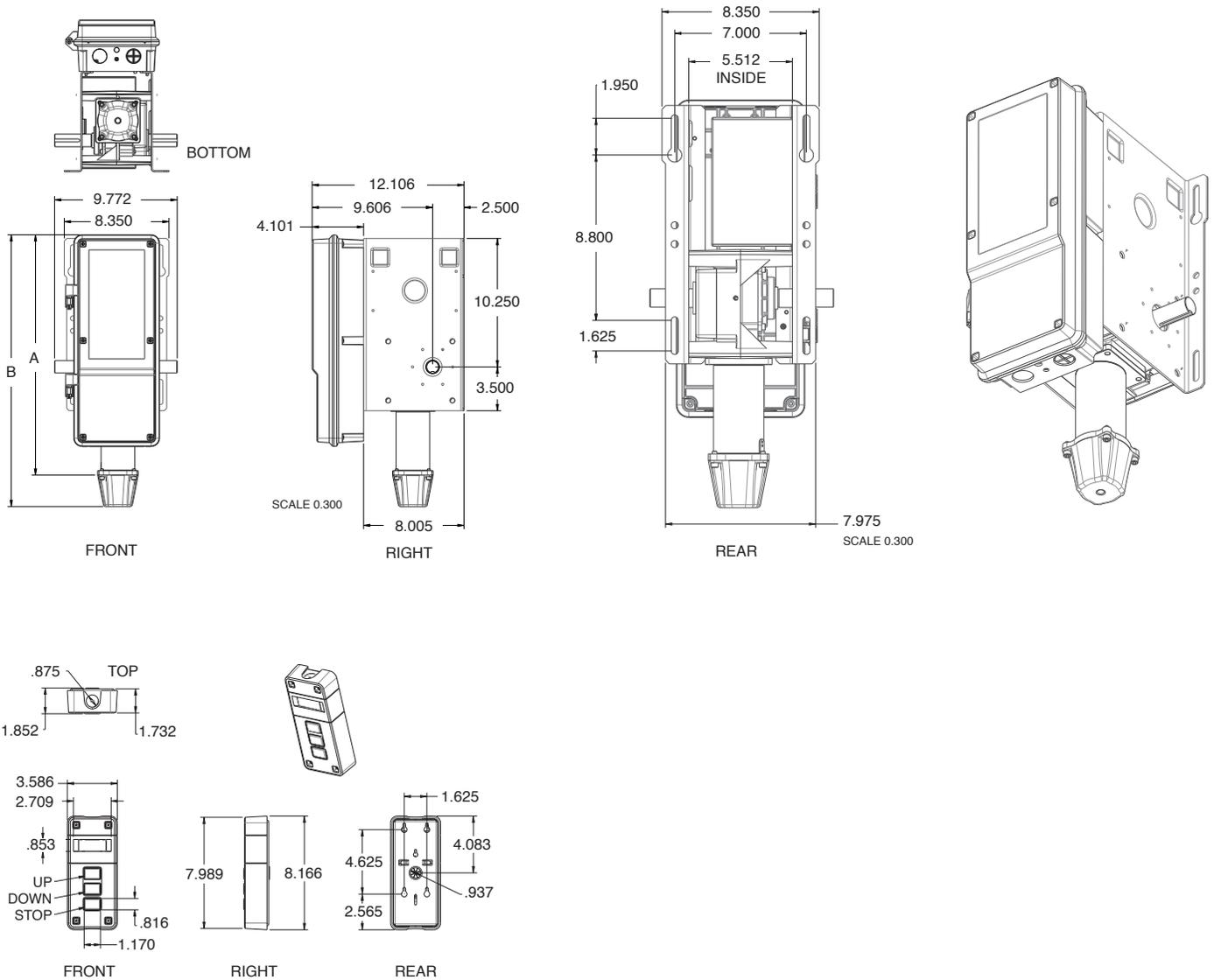
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Dimensions

A

B

700 lb. Standard	A	B
	19.187"	21.701"



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