

# MAXUM

## Next Generation DC Commercial Door Operator

### JHDC Hoist 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 and Extended duty cycle applications where a manual hoist is required

#### Rated Duty Cycle

Standard Duty: Up to 20 cycles per hour and 90 cycles per day

Extended Duty: Up to 30 cycles per hour and 150 cycles per day

#### Operator Speed

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 Disconnect for Manual Operation

Operator includes an Engage rope (Green) and a Disengage rope (red) with manual hoist to electrically disable the operator controls

#### Emergency Disconnect with Auto - Reconnect

Operator includes an Engage rope (Green) and a Disengage rope (red) with manual hoist to electrically disable the operator controls. Pull the engage (green) rope to operate the door again electrically

#### Programming

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

#### Circuit Board

DC Logic Circuit Board

#### Timer-to-Close

Program 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

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

#### Run Time Protection

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

Extended Duty: 30 Cycle Count and Cycle 37% 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

**LiftMaster**

# MAXUM

## Next Generation DC Commercial Door Operator

DATA SHEET

### JHDC Hoist Operator

SECTION 08 71 13

#### 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 and 1200 lbs. Brake is included on 2200 models
Construction	NEMA 1 type electrical box, heavy duty 11 gauge steel frame with durable powder coat finish. NEMA 4X type electrical box for NEMA 4X rated units
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
JHDC7S1BMC	Hoist	700 lb.
JHDC7S4BMC	Hoist	700 lb.
JHDC12S1BMC	Hoist	1200 lb.
JHDC12S4BMC	Hoist	1200 lb.
JHDC12X1BMC	Hoist	1200 lb.
JHDC12X4BMC	Hoist	1200 lb.
JHDC22X1BMC	Hoist	2200 lb.
JHDC22X4BMC	Hoist	2200 lb.
JHDC12X1N4XMC	Hoist	1200 lb.
JHDC12X4N4XMC	Hoist	1200 lb.
JHDC22X1N4XMC	Hoist	2200 lb.
JHDC22X4N4XMC	Hoist	2200 lb.

LiftMaster

# MAXUM

## Next Generation DC Commercial Door Operator

DATA SHEET

### JHDC Hoist Operator

SECTION 08 71 13

#### 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	
1200	Vertical	D850-132	22
	Standard	D5250-18	
	High Lift	D525-54	
	High Lift	D575-120	
	Standard	D525-216	
2200	Vertical	D1100-216	32
	High Lift	D6375-164	
	Standard	D800-384	
	High Lift	D800-120	
	Vertical	D1350-336	42

\*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.
		450 up to 700 lbs.
1200	72	700 up to 1200 lbs.
2200		1200 up to 1800 lbs.
	82	1800 up to 2200 lbs.

##### Insulated Rolling Doors

Operator	Sprocket**	Door Weight
700	60	up to 450 lbs.
1200	72	450 up to 900 lbs.
2200	82	900 to 1500 lbs.
	82	1500 up to 2000 lbs.

# MAXUM

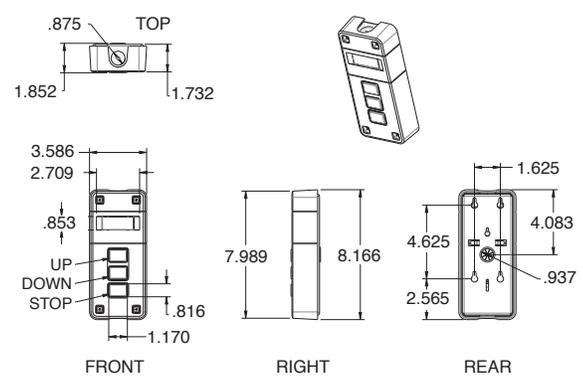
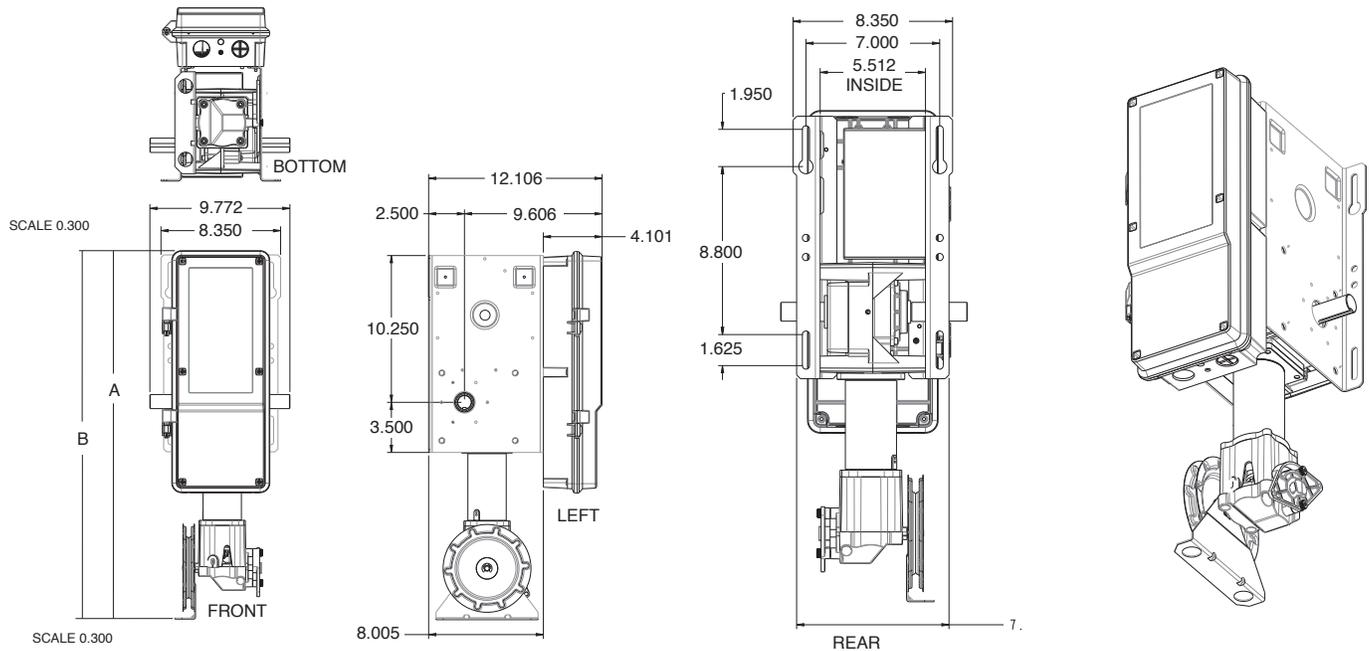
## Next Generation DC Commercial Door Operator

### JHDC Hoist Operator

SECTION 08 71 13

#### Dimensions

	A	B
700 lb. Standard	19.1867"	25.7279"
1200 lb. Standard	19.5017"	26.0428"



© 2023 Chamberlain Group, LLC. All Rights Reserved.  
 LiftMaster, the LiftMaster logo, myQ® and the myQ logo are registered trademarks of Chamberlain Group, LLC.  
 Wi-Fi® is a registered trademark of Wi-Fi Alliance  
 300 Windsor Drive, Oak Brook, IL 60523  
 LiftMaster.com  
 LMCDEDSJHDC 9/23