

OPERATOR SPECIFICATIONS

MOTOR

TYPE: Continuous duty

HORSEPOWER:

Model J, H and HJ. 1/3, 1/2, 3/4 and 1 HP

Model GH 1/2, 3/4, 1, 1-1/2, 2 and 3 HP

SPEED: 1725 RPM

VOLTAGE:

Model J, H and HJ. 115/230V 1 Phase
 208/230/460/575V 3 Phase

Model GH 115/230V 1 Phase
 208/230/460/575V 3 Phase

CURRENT (Amperage):

Models H, HJ, and J

Voltage-Phase	1/3 HP	1/2 HP	3/4 HP	1 HP
115-1Ø, 60Hz	8.5	11.2	13.6	16
230-1Ø, 60Hz	4.2	5.6	6.8	8
208/230-3Ø, 60Hz	3	3.1	4	6
460-3Ø, 60Hz	1.5	1.75	2	3
575-3Ø, 60Hz	1.3	1.4	1.6	1.8

Model GH

Voltage-Phase	1/2 HP	3/4 HP	1 HP	1-1/2 HP	2 HP	3 HP
115-1Ø, 60Hz	11.2	13.6	16	20	-	-
230-1Ø, 60Hz	5.6	6.8	8	10	-	-
208/230-3Ø, 60Hz	3.1	4	6	7	8	10.6
460-3Ø, 60Hz	1.75	2	3	3.5	4	4.8
575-3Ø, 60Hz	1.4	1.6	1.8	2.75	3	-

ELECTRICAL

TRANSFORMER: 24Vac Secondary

CONTROL STATION: NEMA 3-Button Station
 Open/Close/Stop w/LED

WIRING TYPE: C2 (Standard)

Momentary contact to OPEN and STOP, constant pressure to CLOSE, plus wiring for sensing device to reverse and auxiliary devices to open and close with open override. See page 29 for optional wiring types and operating modes.

LIMIT ADJUST: Linear driven, fully adjustable screw type cams. Adjustable to 24 feet.

SAFETY

DISCONNECT:

Model J Floor level disconnect for manual door operation

Model H and GH Floor level chain hoist with electrical interlock for manual door operation

Model HJ Includes both floor level disconnect systems stated above

ENTRAPMENT PROTECTION:

LiftMaster Monitored Entrapment Protection (LMEP)

Photoelectric Sensors (CPS-U): Through beam used to provide non-contact safety protection.

Safety Edge (Optional): Electric or pneumatic sensing device attached to the bottom edge of door.

MECHANICAL

DRIVE REDUCTION:

Model J, H, and HJ Primary: Heavy duty (5L) V-Belt
 Secondary: #48 chain/sprocket;
 Output: #50 chain

Model GH Primary: 45:1 for 1/2, 3/4 and 1 HP
 Worm gear-in-oil bath gear reducer 44:1 for 1-1/2 and 2 HP
 42:1 for 3 HP
 Output: #50 chain

OUTPUT SHAFT SPEED:

Model J, H and HJ. 36 RPM

Model GH 38.3 for 1/2, 3/4 and 1 HP
 39.2 for 1-1/2 and 2 HP
 41.1 for 3 HP

DOOR SPEED:

Model J, H and HJ. 8-9" per second depending on door

Model GH 8-9" per second depending on door

BRAKE: Solenoid actuated disc brake

BEARINGS Output Shaft: Shielded Ball Bearing
 Clutch Shaft: IronCopper sintered and oil impregnated
 Models H and HJ ONLY

HAND CHAIN WHEEL: Left or right handing
 Models H and HJ ONLY

HOIST WHEEL: Standard mounting on left or right side