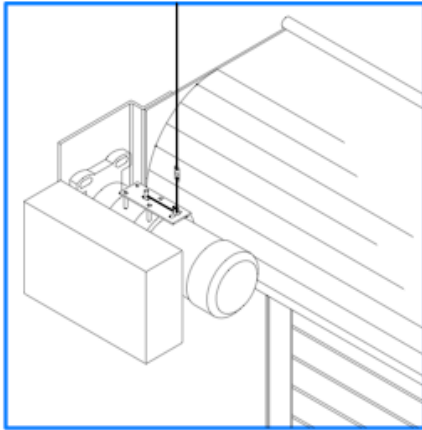


Commercial fire door motor operators provide automatic closing without a loss of spring tension and eliminate the need for traditional mechanical reset - simply reconnect the fusible link cable and activate the open control to reset. All models include an internal release device and speed governor to control descent - typically between 9" and 12" per second - during automatic closing. Their "low-profile" design means that no additional clearance above the top of the door coil is normally required. In-line gear reducers provide capacities generally exceeding those of traditional gear or belt drive motor operators with the same horsepower rating. All motor operators are UL Listed and are standard with NEMA-1 enclosures, overload protection, adjustable linear driven limit switches, 24 volt control circuit, and 3-button open-close-stop wall mount control station.



"Easy-Reset" Fire Door Motor Operator (FGH & FGRL as shown - FS/F similar)

Model FGH

In-line Gear Drive "Easy-Reset" Fire Door Motor Operator with Auxiliary Hoist

For all fire doors in standard or high cycle usage applications not exceeding 30 cycles per hour

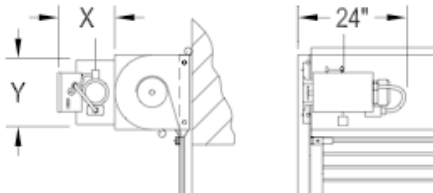
- Automatic closing without a loss of spring tension and eliminates the need for traditional mechanical reset - simply reconnect fusible link cable and activate open control to reset
- High efficiency in-line gear reducer
- Internal release device and governor
- TENV motor
- Solenoid actuated disc brake
- Delay on reverse function (*sensing edge is required*)
- Interlocked chain hoist for emergency operation (up to 2 hp)
- Horizontal front of coil mount
- 1/2, 1, 2, 3, 5 and 7 1/2 hp
- 115v-1ph / 230v, 460v-3ph (2 hp recommended to be 3ph, 3 to 7 1/2 hp available in 3ph only)

Model FGRL

In-line Gear Drive "Easy-Reset" Counter Fire Door Motor Operator with Internal Lock Sensor

For all counter fire doors in standard usage applications not exceeding 30 cycles per hour

- Automatic closing without a loss of spring tension and eliminates the need for traditional mechanical reset - simply reconnect fusible link cable and activate open control to reset
- High efficiency in-line gear reducer
- Internal release device and governor
- TENV motor
- Solenoid activated disc brake
- Internal lock sensor to stop opening of door upon sensing that locks are engaged
- Horizontal front of coil mount
- 1/3 hp
- 115v-1ph (consult factory for availability of other voltages)



Models FGH, FS/F

HP	X	Y
1/3, 1/2	15"	12"
3/4, 1	15"	15"
1 1/2, 2	17"	19"

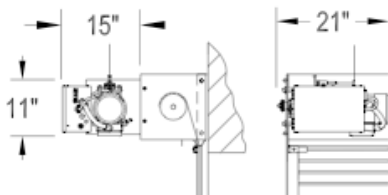
Consult factory for larger than 2 hp

Models FS/F

In-line Gear Drive "Auto-Reset" Fire Door / Counter Fire Door Motor Operator

For all fire doors and counter fire doors in standard usage applications not exceeding 15 cycles per hour

- Automatic closing without a loss of spring tension and eliminates the need for traditional mechanical reset - simply restore power/clear alarm and activate the open control to reset
- Alarm and fusible link (when required) activation of internal release and governor controlled closing, or motor controlled closing upon alarm activation ("*Auto-Reset PLUS*" option - requires door be provided with a sensing edge)
- Failsafe closing upon a loss of power through internal release device and governor
- Other features of FS/F fire door operators are as shown for Model FGH above (auxiliary hoist not available)
- 1/3, 1/2, 3/4 and 1 1/2 hp (consult factory for availability of larger units)
- 115v-1ph / 230v, 460v-3ph



Model FGRL



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