

STANDARD FEATURES

- Time delayed automatic closing
- Auto-reset Overload protection
- Monitored battery back-up
- Low battery warning
- Programmable closing function selections
- Keyed test station
- Electronic thermal sensors (field installed)
- Continuous duty motor
- Detector/alarm input
- Adjustable linear driven limit switches
- 24-volt control Circuit
- 3-button open/close/stop control station
- NEMA 1 enclosures
- UL Listed

Model FDO-A/FDO-B – In-line Gear Drive Fire Door *Motor Operator*

For fire doors up to 576 sq. ft. in standard cycle applications

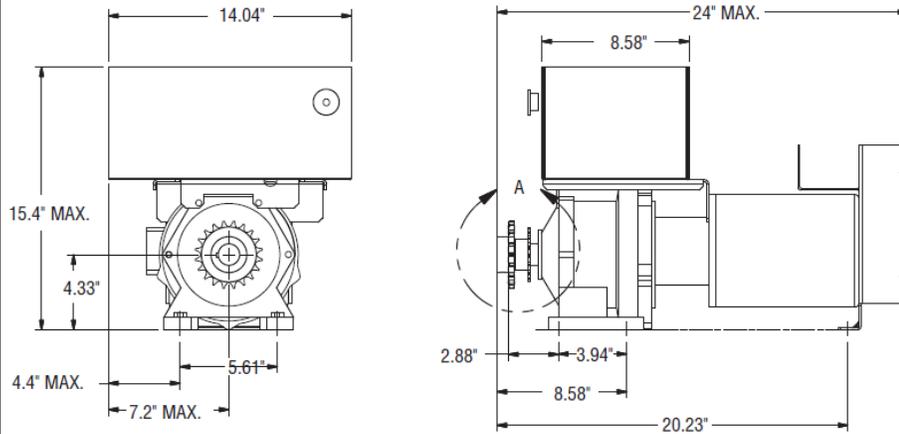
NOTE: *CONSULT FACTORY for availability on doors less than 10' wide or less than 100 sq. ft.*

- High efficiency spur-gear reducer
- Horizontal front of coil or wall mount
- Provides automatic closing without a loss of spring tension – eliminates the need for traditional mechanical reset
- Electronic thermal sensor, detector or alarm activation of motor controlled closing or internal release and brake controlled closing
- Provision for optional remote fusible link release connection
- 72 hour battery back-up with automatic closing prior to complete discharge of batteries
- Close on alarm feature to close door through motor operator upon activation by thermal sensor, detector or alarm – will activate warning device (if provided), and close door after selectable time delay. If obstruction is encountered, it will cycle upon contact and/or stop on the obstruction, internally release and continue to close when the obstruction is removed with the closing speed controlled through the brake (requires door be provided with a sensing edge)
- Automatic closing upon power loss prior to battery discharge - will activate devices (if provided), internally release and close door after selectable time delay with closing speed controlled by the brake. If an obstruction is encountered, the door will stop on the obstruction and continue to close after it is removed (requires door be provided with a sensing edge)
- Failsafe closing in the event of system failure – will internally release and close the door with controlled descent
- Auto-reset to restore normal operation of the door by activating open control after alarm is cleared/power is restored
- Motor – ½ and 1 HP Continuous-duty high-starting torque motor with instant reverse and overload protection
- Voltage – 115V, 230V-1PH/208-230V, 460V-3 PH

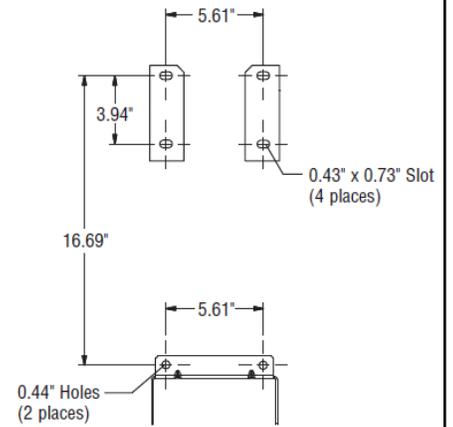
NOTE: *FDO fire door motor operators do not have an auxiliary chain hoist or auxiliary release*

Per the requirements of UL Standard 325-2010, the door operator must be provided with an actuating device requiring constant pressure to close the door. As an alternative, the door may be provided with a device that will reverse the door upon contact with an obstruction during closing (Photo eyes OR sensing edge)

DIMENSIONS 1 HP



MOUNTING DIMENSIONS



DOOR TYPE AND MAXIMUM DOOR AREA (SQ FT.)

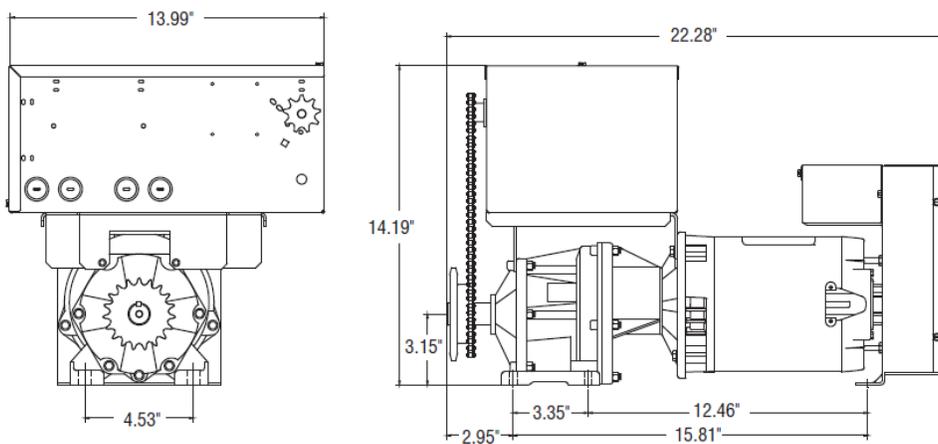
For use on overhead rolling doors.

1/2 HP not to exceed 355 sq ft.

1 HP not to exceed 576 sq ft.

NOTE: Door size may vary due to door manufacturer's qualification testing. Do not exceed door manufacturer's maximum qualified door size for this operator.

DIMENSIONS 1/2 HP



MOUNTING DIMENSIONS

