Precision Door Industries.

Minimum maintenance at maximum pressures.

HI-PRESSURE DOOR

The Hi-Pressure overhead sectional door is ideal for ventilation control and vehicle access. It features heavy-duty, all steel construction for minimal maintenance and excellent fire resistance. The sectional design allows door panels to be replaced quickly and easily, minimizing costly repairs and downtime. It also features a touch-sensitive, reversing edge for safety. The Hi-Pressure door is designed for operation at pressure differentials as high as 20” W/G.

APPLICATIONS

- interior or exterior openings
- vehicle access
- harsh, abusive enviroments
- ventilation control
- high windloads and pressure differentials

SIZES

- made to suit up to a maximum height of 14’

FEATURES

- low maintenance, heavy-duty construction
- opens under pressure differentials of up to 20” W/G
- electric 24 VAC safety edge
- fire resistance
- opening speeds of up to 12”/sec. minimal headroom and side room clearances required

OPTIONS

- photocells
- timer to close
- motion detector
- loop detector
- 50,000/100,00 cycle springs
- counterweights in lieu of torsion springs
- access panel complete with interlock
- through-the-wall manual chain hoist

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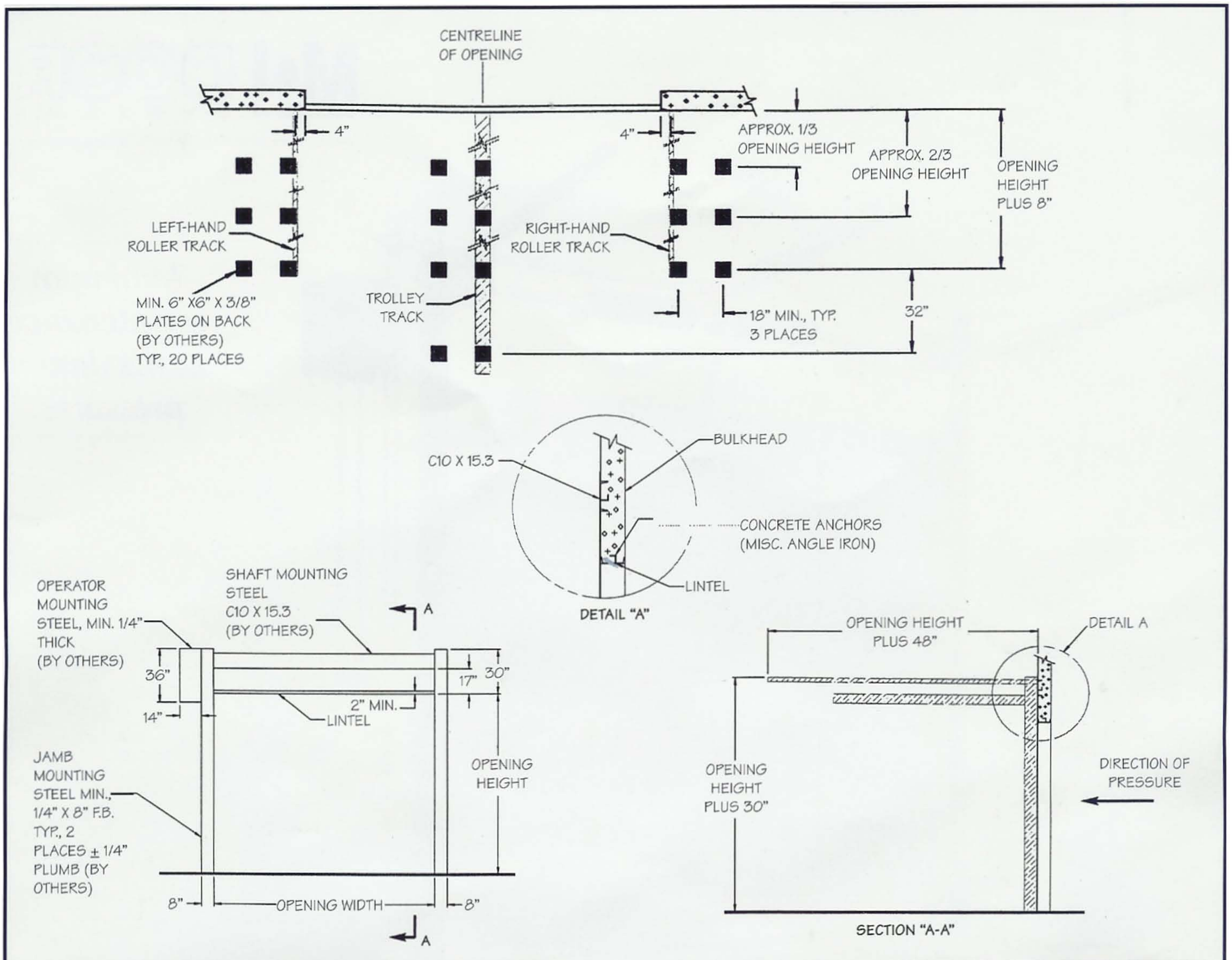

This door is shown with a wall-mounted left-hand operator. The operator may also be mounted on the right-hand side of the door.

HIGH PRESSURE DOOR SPECIFICATIONS (abbreviated)

Door panels to be constructed of 18 ga sheet steel c/w 2" thick, 18 ga. steel skin. 3" roll-formed track is to be mounted on structural channel. Intermediate and end hinges are constructed of 1/4" thick hot-rolled steel c/w 3/8" hinge pin. Rollers consist of solid steel 3" O.D. c/w 3/4" O.D. shaft and sealed roller bearing for trouble free operation. Roller brackets and supports are constructed of 1/4" thick hot-rolled steel and all hardware is secured by 3/8" Grade 5 nuts and bolts. Door is to be counterbalanced with 25,000 cycle torsion springs and 1/4" C1045 steel shaft. Lifting cables are constructed of 1/4" galvenized steel aircraft cable for extra strength and safety. Door is to be driven by an Overhead Trolley Assembly to be constructed of 2" x 2"x .188" structural angle and powered by an Electric Operator Unit, heavy-duty type with sufficent power to operate door at approximate speeds of 10" - 12"/sec. The operator is also equipped with built-in manual chain hoist, rotary screw-type limit switches and solenoid opearted brake to stop and hold door in any position. All electrical components meet EEMAC/NEMA-12 standards, unless otherwise specified. Separate wall mounted control panel c/w 120 VAC control circuit, is a 20" x 24" x 6 1/2" CSA/UL approved EEMAC/NEMA-12 enclosure c/w fused disconnect with open/close/stop push-button station on panel cover. Also comes compelte with two pull cords as an additional open/close device. Electrical Safety Edge is a 24 VAC and is supplied with each door. This device also serves as a sealing element between the base of the door and the threshold. Finished door is painted with rust-inhibiting, industrial grade paint in red colour.

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