



LISTING INFORMATION OF
Hydra DoorCo - Model E3684 Sliding Door Operator
SPEC ID: 47389

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LISTING INFORMATION

The Hydra DoorCo, LLC Model E3684 is an electric-powered overhead sliding door operator intended for use in detention applications requiring fire-, and/or smoke-, rated neutral pressure fire door assemblies.

NOTE: To achieve a fire-, and/or smoke-, rated assembly, the operator must be paired with an appropriately rated - and separately listed - 2" thick steel sliding door that is fire-, and/or smoke-, rated and intended for use in detention applications.

- Maximum Clear Opening Size: 3'-0" Wide x 7' 0" High
- Maximum Listed Door Size: 3' 2-1/2" Wide x 6' 10-1/4" High

The door operator consists of a heavy-duty steel frame installed into and around a masonry wall doorway opening. An electric powered sliding track mechanism is affixed to the frame above the wall opening and a separately listed fire-, and/or smoke-, rated 2" thick steel door intended for use in detention applications is attached to the operator's sliding mechanism utilizing a welded connection.

With fire-rated seals installed along the door edges (leading, trailing, & top), the operator assembly described above was tested per test method UL 1784, "Standard for Air Leakage Tests of Door Assemblies." For the air leakage compliance noted below, the assembly must have the fire-rated seals installed.

Standard / Code Section	Description	Results
2018, 2015, 2012 IBC Section 710.5.2.2 (Air Leakage Requirement at ambient temp)	Max. air leakage: ≤ 3.0 cfm/ft ² of opening at 0.1 in. of w.c. pressure differential @ ambient temperature when tested using Standard UL 1784	Complies
2018, 2015, 2012 IBC Section 710.5.2.2 (Air Leakage Requirement at elevated temp)	Max. air leakage: ≤ 3.0 cfm/ft ² of opening at 0.1 in. of w.c. pressure differential @ 400°F when tested using Standard UL 1784	Complies

This evaluation does not consider doors with combustible cores or door pairs.

Attribute	Value
Criteria	UL 1784 (2015)
Criteria	UL 10(b) (R2015)
CSI Code	08 70 00 Hardware
Fire Resistance	45 Min Neutral Pressure
Fire Resistance	90 Min Neutral Pressure
Fire Resistance	3 Hour Neutral Pressure
Fire Resistance	20 Min w/Hose Stream NP
Fire Resistance	60 Min Neutral Pressure
Intertek Services	Certification
Listed or Inspected	LISTED

Listing Section DOOR & FRAME HARDWARE
Report Number G103466037
Spec ID 47389
Verification Testing No