



SEDM 1000x400 - .44

Version with actuator BEN, BEE, BE, InMax 50.75-S for 230V

Size:	1000 x 400
Flow rate V:	10000 m ³ /h
Media speed w:	6.944 m/s
Pressure loss Δp_{cv} :	15 Pa
Sound power level LWA:	48 dB(A)
Weight:	101.5 kg
Effective damper's area S _{ef} :	0.2697 m ²

Description

Smoke extraction dampers - multi are shutters in the smoke exhaust piping systems. The dampers are designed to remove heat and combustible products (e.g. smoke) from effected fire compartments. In the event of fire the Smoke and Fire ventilation system opens the damper in the affected section and removes combustion products and heat from this section. The damper blade is controlled by electrical actuating mechanism. Dampers are fire resistant and are intended for systems with manual or automatic activation. Dampers are designed for using in fire compartments that can be connected to the smoke exhaust ducts (tested according to EN 1366-8) or they can be installed in or on the construction of the fire compartment. Dampers can be delivered with or without flanges.

Characteristics

- Square dampers from 180 × 180 mm to 1600 x 1000 mm
- CE certified acc. to EN 12101-8
- Tested in accordance with EN 1366-10
- Classified acc. to EN 13501-4
- Fire resistance up to EI 120 S, activation AA/MA, HOT 400/30
- Cycling test in class Cmod acc. to EN 12101-8
- External Casing leakage class ATC 3, Internal leakage class 2 acc. to EN 1751
- Damper actuating by electrical actuator
- Max. air speed in the system of 15 m/s, allowed pressure up to 500Pa, or underpressure up to -1500 Pa