

SHUT-OFF AND GAS DAMPER

Halton UTT for shut-off and balancing

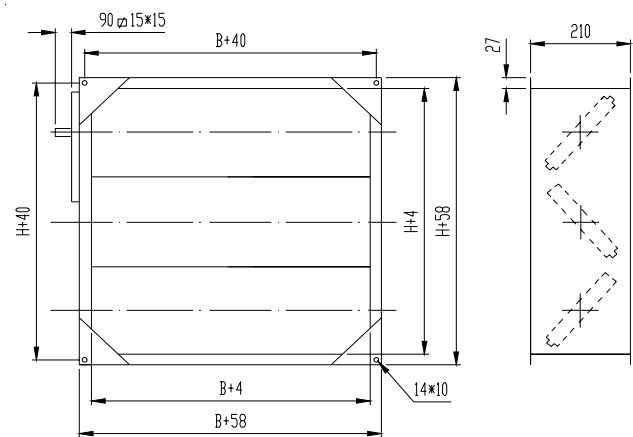
Halton UTT dampers are used to shut-off or balance airflow rates in ductwork. The dampers meet international standards for rectangular and round ducts. In the open position, the blades face the direction of airflow and do not cause a significant pressure loss. The maximum operation temperature of a standard damper is +100 °C (with special models +200 °C). The UTT is used as a shut-off, gas and balancing damper in applications where tightness, thermal insulation and reliability are important. The UTT damper leakage class is 4 according to the prEN1751 standard. Heat transmission of the damper is 4 W/(m²K).



Features

- Outer frame and blades of galvanized or stainless steel. Blades of double sheet construction, silicon gaskets. The slide bearings are self-lubricating polyamide and molybdenum sulphide alloys. Stainless steel or bronze bearings available as options. The shaft to the motor is a rectangular bar 15 mm x 15 mm
- Leakage class of a closed damper according to prEN 1751 class 4
- Insulated blades, heat transmission 4 W/(m²K)
- For shut-off and balancing of air intake and exhaust
- Automatic electrical, pneumatic or manual operation system available
- UTT dampers can be supplied with connection pieces for round duct
- Maximum operation pressure 2000 Pa and maximum velocity 15 m/s

General UTT drawing



UTT dimensions and material thickness

UTT shut-off dampers meet international standards for both rectangular (width B 100-2400 mm and height H 100-2400 mm) and circular ducts (Ø100-1250 mm). Special non-standard dimensions are available on request. Casing thickness 1 mm.

General UTT drawing, circular connections

