

System Overview

Gas / Flue Gas / Air Dampers

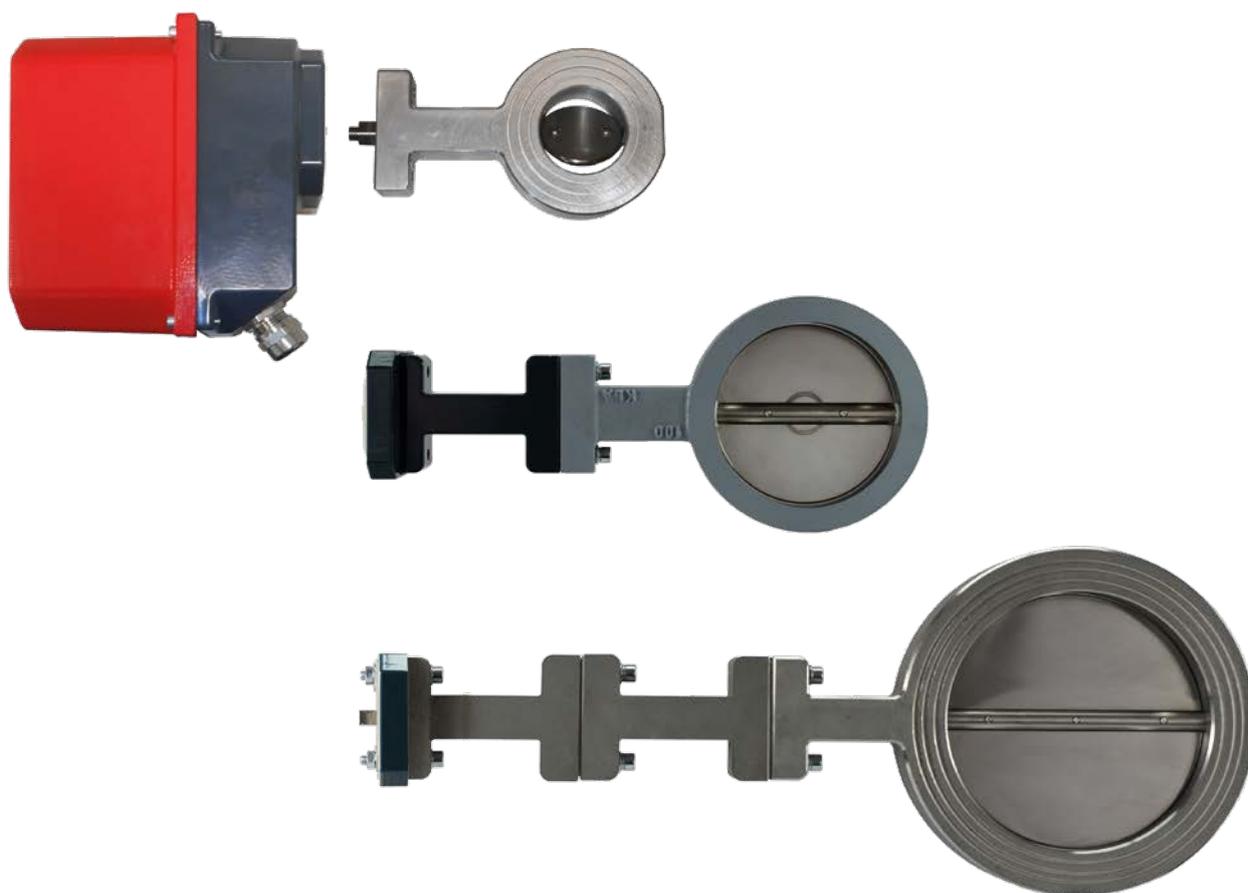
Gas / Flue Gas / Air Dampers

Due to an included external square, the dampers can be mounted on our actuators of type 668M20... without any further mounting structure. Fixing material is supplied with the dampers.

Our gas dampers are DVGW-tested (up to max. 60 °C / 500 mbar) and available in aluminium or stainless steel in sizes DN40 ... DN150. Further sizes are in development.

Our flue gas / air dampers are available in aluminium (up to max. 100 °C), in grey cast iron (up to max. 450 °C) and in stainless steel (up to max. 650 °C) in sizes DN40 ... DN200. Further sizes in development.

Aluminium or stainless steel dampers can be reduced/retracted by max. 2 nominal widths. Furthermore, an integrated sealing system is optionally available for these versions. This means that a leakage rate of almost „0“ can be achieved.



Gas / Flue Gas / Air Dampers

Technical Highlights

- Shaft end with square 11.1 x 11.1 mm for clamping between flanges PN6 ... PN40
- Non-linear flow
- Damper disc perforating
- Operating pressure: max. 500 mbar
- Leakage ca. 0.5 % of kvs value
- Can be mounted without mounting structure
- Gas dampers DN40 ... DN150, aluminium, up to 60 °C
- Gas dampers DN40 ... DN150, stainless steel, up to 60 °C
- Air / flue gas damper DN40 ... DN200, aluminium, up to 100 °C
- Air / flue gas damper DN40 ... DN200, grey cast iron, up to 450 °C
- Air / flue gas damper DN40 ... DN200, stainless steel, as desired up to 100 °C / 450 °C / 650 °C
- Can be used for electric actuator 668M2006, 668M2020, 668M2040 with inner square 11 x 11 mm (IVK11).
- For pressure stages PN10 ... PN40, mounting sleeves as installation aid are supplied with the valve
- No separate coupling / bracket is required. The bracket is part of the damper.
- Incl. fixing material and mounting sleeves.
- As the damper does not have a position indicator, we recommend using an actuator with position indicator (POS1).

Optional: integrated sealing system





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