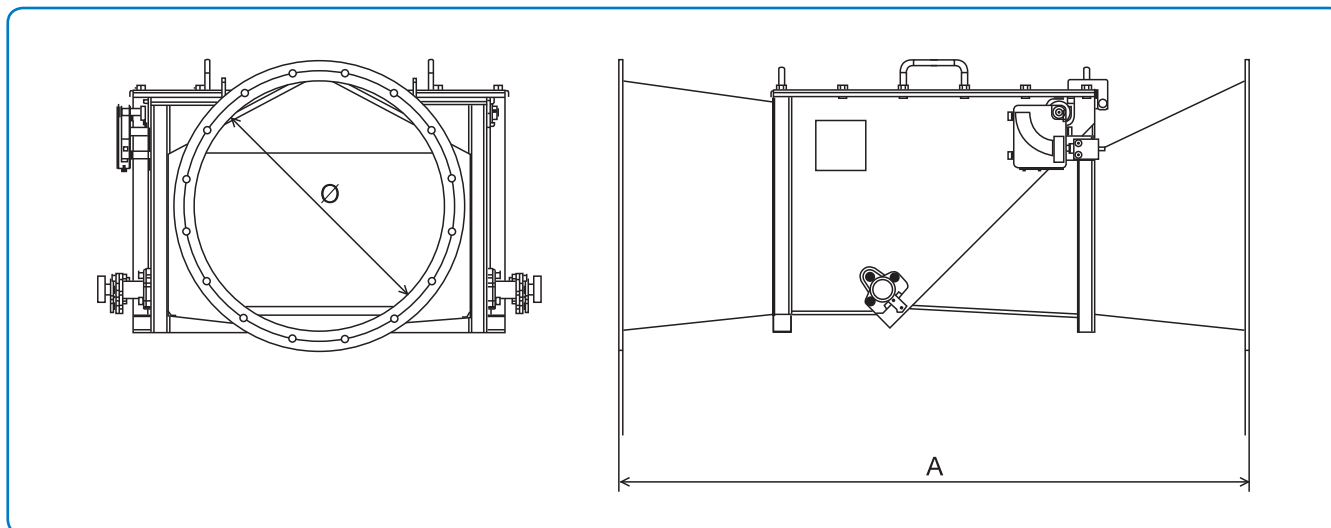


## Explosion duct valve



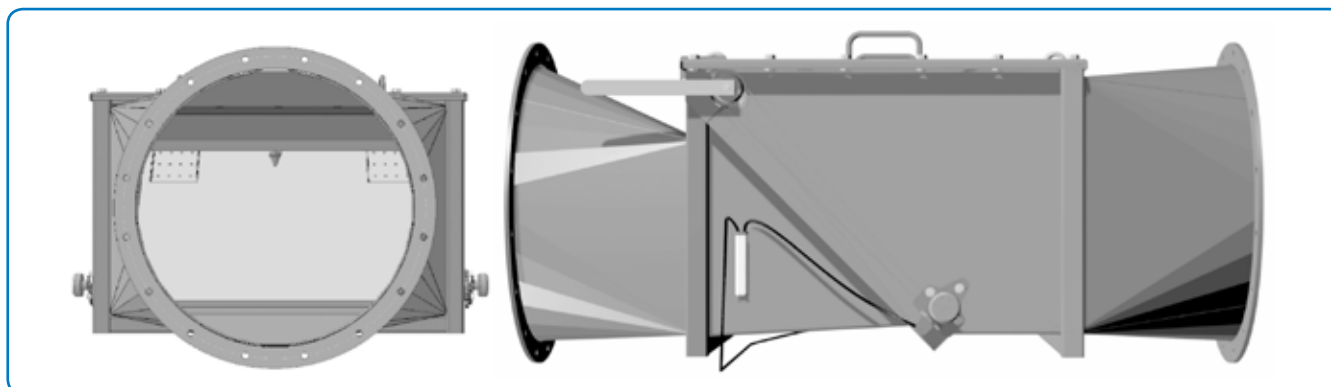
The explosion duct valve is used in order to prevent that an explosion in the plant will be channelled back to the production premises and machines. The explosion duct valve is mounted on the duct section between the plant and the source of dust. The explosion duct valve stops explosions that occur in the opposite direction of the normal flow. This means that the explosion duct valve is mounted on the inlet side on the dust separator, never on the outlet side. The dust separator covers filters, silos and industrial exhausters which are already protected with explosion relief or explosion suppression system.

The explosion duct valve is made of carbon steel DIN 1,0036.

Supplied with and without position switch. Furthermore, the valve is powder coated to corrosion class C3 cf. ISO 12944 (Colour: RAL 1023).  
Tested and approved:

- Dust explosion class St. 1
- EN 16447 – Explosion insulation systems
- Quality assurance of protection systems in accordance with Directive 94/9/EF

*Closed position during explosion.*



Specifications			
Operating temperature range:			
Duct dimension ø mm	A mm	Weight kg	Pressure loss Pa a/air pressure = 20 m/s
200	687	40	631
280	820	55	610
400	1116	95	594
630	1384	160	560