

Description

ON-OFF and regulating service of gas and air flow for:

- Cogeneration and incineration plants
- Steel and cement works
- Air treatment
- Thermal combustion plants
- System for energy recovery from waste
- Power plants
- Pulp and paper industry
- Chemical and petrochemical plants
- Furnaces
- Marine industry

Technical Data

Metal seal valve with controlled leakage to intercept or regulate the flow of fumes and air with working temperatures of up to 600°C (higher temperatures on request)

Leakage classes are in compliance with EN1349 and ANSI B16.104

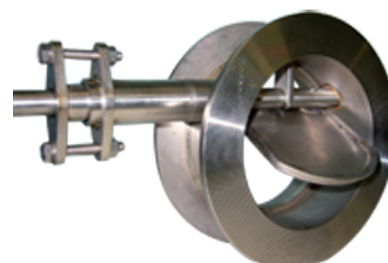
Shaft seal is guaranteed by the PTFE or graphite (for use with higher temperatures) braid packing

- Max working temperature 600°C
- Max working pressure 2 bar
- WAFER or FLANGED version for flanges EN 1092-1 PN6-10-16 and ANSI B 16.5 class 150
- Standard series DN 50 – DN 2000 (others available on request)
- Max leakage class: III = 10^{-3} x nominal valve capacity (EN1349)
- Manual operation with lever or gear
- Automatic operation with pneumatic or electrical actuator
- Proportional control valve with electro-pneumatic positioner with input signal 4-20 mA

Material

Carbon steel (S275 JR, ASTM A 516, COR-TEN) with Epoxy coating and coating resistant up to 600°C, stainless steel AISI 304, 316, 321, 309 or 310

All valves are available in different versions according to the needs of our costumers.



Butterfly Damper Valve

Metal-to-metal seal butterfly valve with controlled leakage to intercept or regulate the flow of fumes and air with working temperatures of **up to 300°C**

Versions: wafer and flanged (double flanged)

Metal-to-metal seal butterfly valve with controlled leakage to intercept or regulate the flow of fumes and air with working temperatures of **up to 600°C**

Versions: wafer and flanged (double flanged)

Metal-to-metal seal butterfly valve with controlled leakage to intercept or regulate the flow of fumes and air with working temperatures of **up to 1100°C**

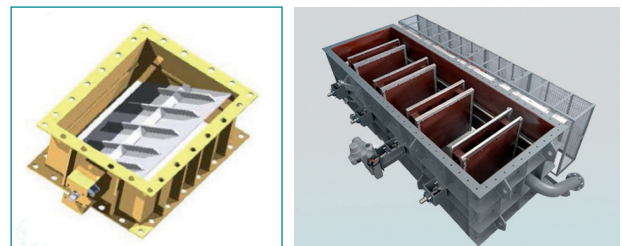
Versions: wafer and flanged (double flanged)



Louvre Damper

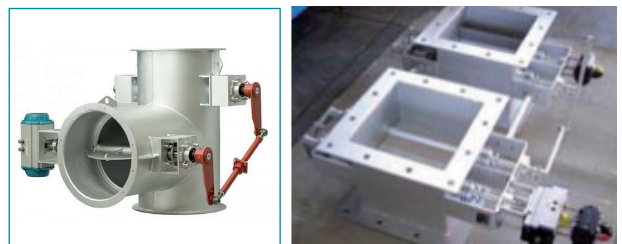
Rectangular or square section flanged damper to intercept or regulate air, fumes or gas at high temperatures (Tmax 900°C). Standard or customer's own dimensions

Single- and Multi-Louver version



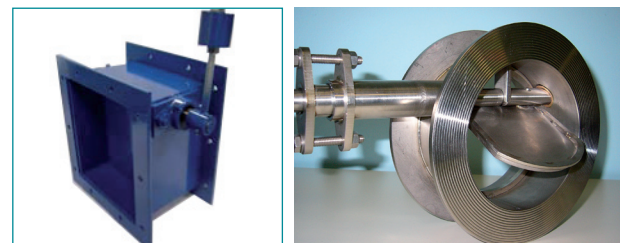
By pass system (Diverter Damper)

Diverter damper to direct fumes or gas (Tmax 800°C) 3-way valve. Takes up significantly less plant space than traditional systems.



Check Valve for air lines

Check valve for air lines with counterweight or lever rectangular section flanged connection. Carbon steel, Cor-Ten, 304SS, 316SS. Others available on request



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