

APPLICATION EXHAUST GAS VALVES

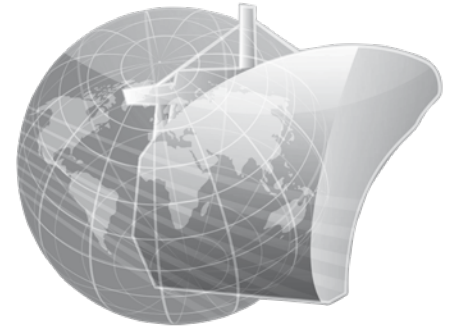
Unique disc design reduces wear on sealing surfaces

APPLICATIONS

Somas has developed a range of butterfly valves for Exhaust Gas applications that comply with the standards EN 12516-2 and ASME B16.34. Typical applications for these valves are:

- Diesel engines
- Gas engines
- Exhaust systems

Somas Exhaust gas valves can be used for propulsion as well as for power generation.



ADVANTAGES OF SOMAS EXHAUST GAS VALVES

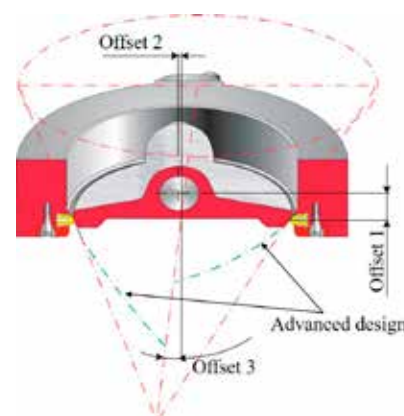
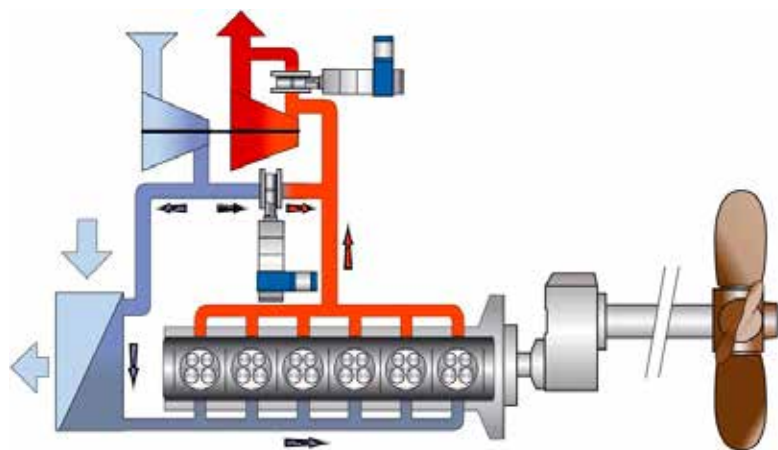
Somas Exhaust gas valves offer many technical advantages.

The advanced disc shape is designed to only be in contact with the seal when the valve is in its fully closed position. This means that you will reduce the wear on the sealing surface over time.

The valves have a solid seat design. With this seat design your valves won't be sensitive to clogging.

As a standard solution the shaft bearings are of a metal-to-metal design which means that the valve can easily handle high temperature applications.

All valves come equipped with a graphite stuffing box by default. Other materials are also available.



ADVANTAGES OF SOMAS ACTUATOR

Somas actuator offers a robust design along with several advantages.

The high temperature design allows it to handle temperatures up to 120° C. If a higher temperature range is needed, the actuator can be fitted with an extended bracket to reduce the heat transfer.

4 alternative mounting positions are available for the actuator. This means that you can get the best possible support from the actuator to the engine/construction.

SERVICE FRIENDLY DESIGN

Somas exhaust gas valves are designed to prevent clogging of media for large valves (DN400- DN1200). It is possible to change the bearings and the shaft seals while the valves are still installed in a pipeline.

SERVICE AND SPARE PARTS

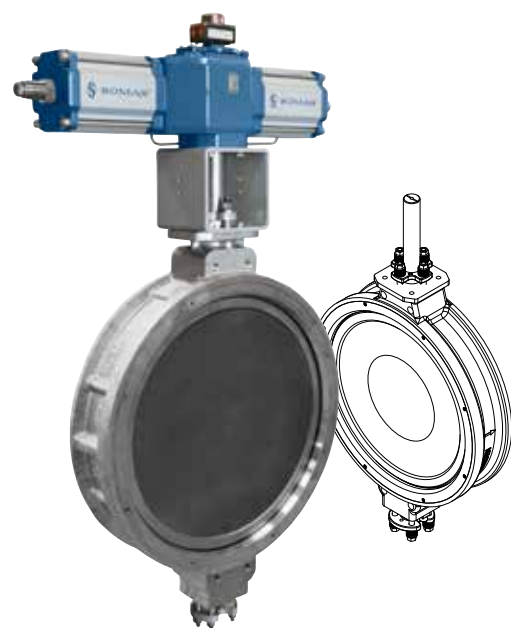
If support is needed, we can help! Service support and spare parts can be offered for all valve sizes.

SOMAS PRODUCTION OF EXHAUST VALVES

Somas production is situated in Sweden and the facilities are certified in accordance with the certificates ISO 9001 and ISO 14001.

STANDARDS

Marine certifications (LR, BV, DNVGL etc.) are obtained based on order specific requirements.



SUMMARY

- Somas Exhaust Gas Valves comply with the standards EN 12516-2 and ASME B16.34. Marine certifications (LR, BV, DNVGL etc.) are obtained based on order specific requirements
- Somas Exhaust Gas Valves can be used for propulsion as well as for power generation.
- Somas Exhaust Gas Valves have a Service friendly design. It is possible to change the bearings and the shaft seals while the valves are still installed in a pipeline.

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