Description of the Valve

This type of valve is able to meter a flow while adjusting the needle valve to the required flow. Both flow directions are possible. It is used to control the speed of an actuator for example. If equipped with a check valve in a parallel flow path, the reverse flow is blocked. If the flow line has to be shut-off, the valve can be closed completely.

Technical Data of the Valve

| Nominal size:  | DN 2 ..DN 6   |
| Nominal pressure: | PN 690 bar (10.000psi) |
| Temperature range: | -25°C..80°C |
| Material: | 316, 430, brass |
| Wetted parts: | stainless, ceramic |

Media

Mineral oil, water, water glycol
Others (nitrogen) please contact us

Options

The following options are available
- NBR-sealing, Viton-sealing for higher temperatures
- FKM-sealing for low temperature
- Additional checkvalve
- Portsizes

Designation

406006 XXX (Throttle (check) valve DN6)
406003 XXX (Throttle (check) valve DN3)
406002 XXX (Throttle (check) valve DN2)

Symbol

![Symbols](image)

Throttle check valve  Throttle valve

Mounting

The valvehousing is body-ported through NPT or BSP or any other thread, portsize to be determined. The valve can be mounted using brackets, refer to drawing.