

82380/82390/82480/82490 2/2-way seat valves

- Port size: DN 15 ... 50,
G1/2 ... 2 (ISO G/NPT)
- Suitable for contaminated
process fluids
- High flow rate
- High media compatibility
due to optimal material
combinations
- For robust industry
applications
- Damped closing
(valve closes against flow
direction)
- Suitable for vacuum
up to max. 90%
- International approvals



Technical features

Medium:
Aggressive gases and liquids

Pilot fluid:
Neutral gases max. +80°C
(+176°F)

Switching function:
Normally closed

Operation:
Pressure actuated by
external fluid

Mounting position:
Optional

Flow direction:
Determined

Port size:
G1/2, G3/4, G1, G1 1/4, G1 1/2,
G2 1/2 NPT, 3/4 NPT, 1 NPT,
1 1/4 NPT, 1 1/2 NPT, 2 NPT

Pilot connection:
G1/4 or 1/4 NPT

Operating pressure:
See table

Pilot pressure:
3,5 ... 8 bar (51 ... 116 psi)

Fluid temperature:
–10° ... +180°C (+14° ... +356°F)

Ambient temperature:
–10° ... +60°C (+14° ... +140°F)

Material:
Process fluid characteristics:
Body: Stainless steel (1.4408)
Seat seal: PTFE
Internal parts: Stainless steel
Spindle sealing: PTFE / FPM,
self-adjustable
Pilot fluid characteristics:
Body: Stainless steel, Aluminium
Bottom: WEMA–Kor, coated
Seals: NBR
Internal parts: Coated steel