

86480

2/2-way piston valves

- Port size: DN 65 ... 100, Flange connection, Pressure rating PN 16
- Valve operates without differential pressure (Zero delta P)
- Valve piston with PTFE guide-ring
- Suitable for vacuum
- Adjustable: Damped operation
- International approvals



Technical features

Medium:
Neutral gases and liquids

Port size:
DN 65, DN 80, DN 100

Fluid temperature:
–20 ... +90°C (–4 ... +194°F)

Material:
Body: Spheroidal graphite iron, brass

Switching function:
Normally closed

Operating pressure:
0 ... 16 bar (0 ... 232 psi)

Ambient temperature:
–20 ... +50°C (–4 ... +122°F)

Seat seal: NBR
Cover: Brass
Internal parts: Stainless steel, PTFE/coal

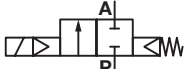
Operation:
Solenoid actuated, with forced lifting

For contaminated fluids insertion of a strainer is recommended.

Mounting position:
Solenoid vertical on top

Flow direction:
Determined

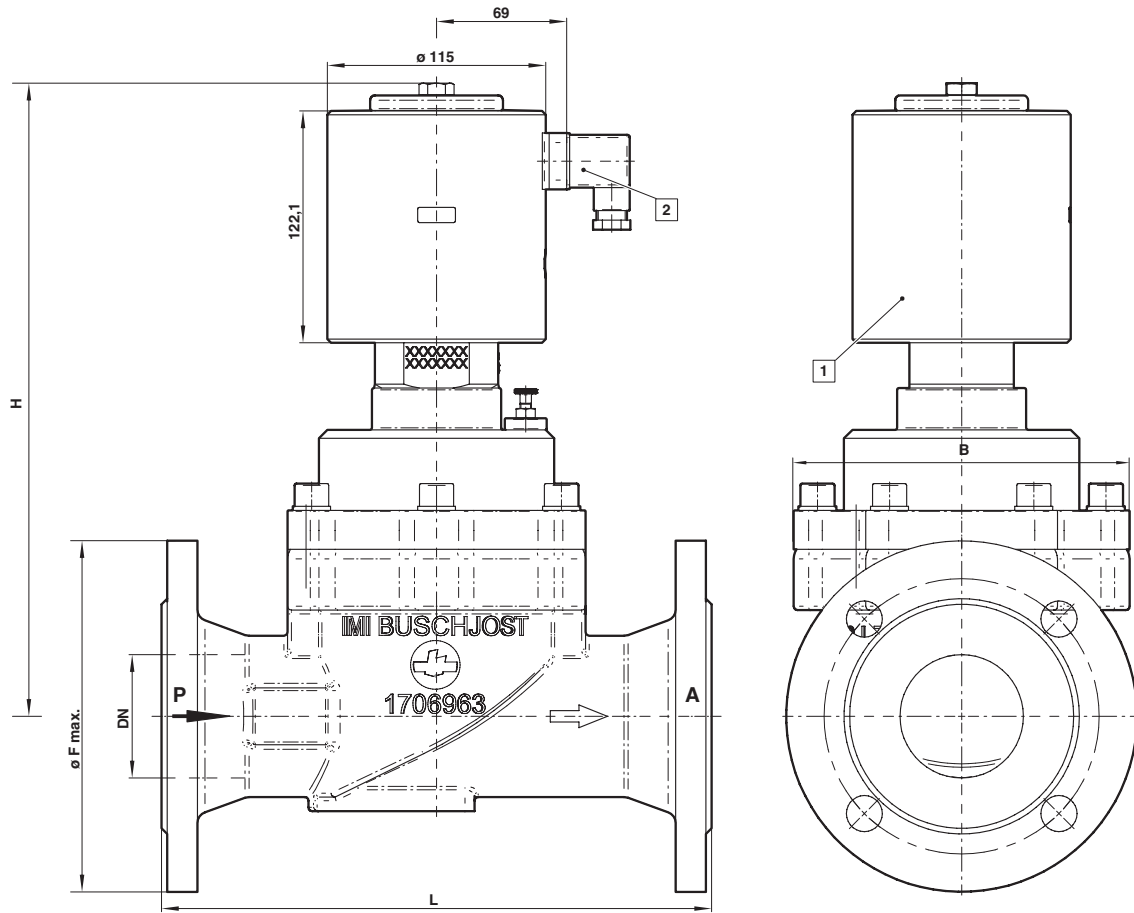
Technische Daten – Standard Ausführung

Symbol	Orifice (mm)	Flow kv value *1) (m³/h)	Operating pressure *2)		Weight (kg)	Model	
			(bar)	(psi)		Solenoid in V d.c.	Solenoid in V a.c.
	65	72	0 ... 16	0 ... 232	30	8648800.9501.xxxxx	8648800.9504.xxxxx
	80	110	0 ... 16	0 ... 232	49	8648900.9501.xxxxx	8648900.9504.xxxxx
	100	125	0 ... 16	0 ... 232	60	8649000.9501.xxxxx	8649000.9504.xxxxx

xxxxx Please insert voltage and frequency codes

*1) Cv-value (US) ≈ kv value x 1,2

*2) For gases and liquid fluids up to 40 mm²/s (cSt)



- 1 solenoid rotatable 360°
- 2 Socket turnable 4 x 90°
(Socket included)

Orifice (mm)	ø B	H	ø F	L	Model
65	195	340	185	290	8648800.950x.xxxxx
80	220	360	200	310	8648900.950x.xxxxx
100	260	390	220	350	8649000.950x.xxxxx

Contact face acc. to DIN EN 1092-2/B

For valves > DN 25 (G1) Art. 4 § (1) Letter d) applies:

The basic requirements of the Enclosure I of the PED must be fulfilled. The CE-sign at the valve includes the PED. A certificate of conformity of this directive will be available on request.

Note to Electromagnetic Compatibility Guideline (EEC):

The valves shall be provided with an electrical circuit which ensures the limits of the harmonised standards EN 61000-6-3 and EN 61000-6-1 are observed, and hence the requirements of the Electromagnetic Compatibility Guideline (2014/30/EU) satisfied.

Note to EAC marking:

The EAC-marked products comply with the applicable requirements stated in the technical regulations of the Eurasian Economic Union.