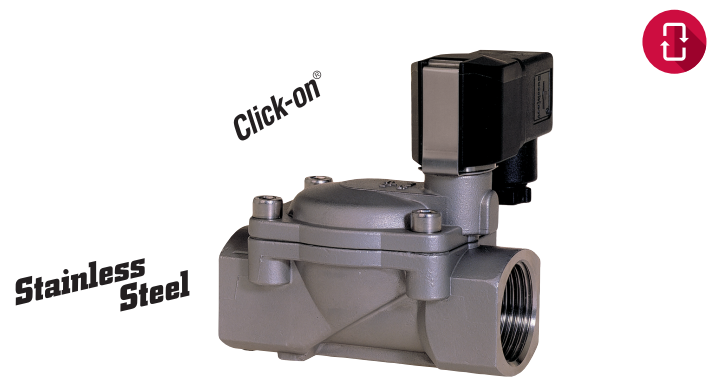


- > Port size: DN 8 ... 50, 1/4" ... 2" (ISO G/NPT)
- > High flow rate
- > Damped operation
- > Functional compact design
- > Solenoid interchangeable without tools (*Click-on*[®])
- > International approvals



Technical features

Medium:
Slightly aggressive gases and liquid fluids

Switching function:
Normally closed

Operation:
Indirectly solenoid actuated

Mounting position:
Optional, preferably solenoid vertical on top

Flow direction:
Determined

Port size:
G1/4, G3/8, G1/2, G3/4, G1, G1 1/4, G1 1/2, G2
1/4 NPT, 3/8 NPT, 1/2 NPT, 3/4 NPT, 1 NPT, 1 1/4 NPT, 1 1/2 NPT, 2 NPT

Operating pressure:
See table

Differential pressure:
0,1 bar (1,45 psi) required

Fluid temperature:
-10° ... +90°C (+14° ... +194°F)

Ambient temperature:
-10° ... +50°C (+14° ... +122°F)

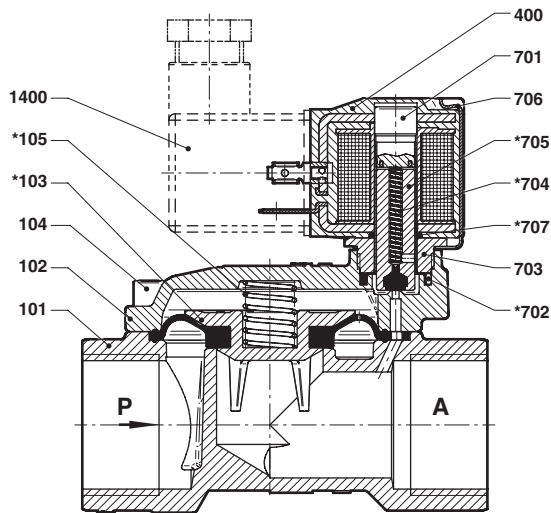
Material:
Body: Stainless steel (1.4408)
Seat seal: NBR
Internal parts: Stainless steel, PVDF

For contaminated fluids insertion of a strainer is recommended.

Technical data - standard models

Symbol	Port size	Orifice (mm)	Valve length (mm)	Flow kv value *1 (m³/h)	Operating pressure *2 (bar) (psi)		Weight (kg)	Model Solenoid in d.c./a.c.
	G1/4	8	60	1,9	0,1 ... 16	1,45 ... 232	0,47	8273000.9101.xxxxx
	1/4 NPT	8	60	1,9	0,1 ... 16	1,45 ... 232	0,47	8274000.9101.xxxxx
	G3/8	10	60	3	0,1 ... 16	1,45 ... 232	0,45	8273100.9101.xxxxx
	3/8 NPT	10	60	3	0,1 ... 16	1,45 ... 232	0,45	8274100.9101.xxxxx
	G1/2	12	67	3,8	0,1 ... 16	1,45 ... 232	0,5	8273200.9101.xxxxx
	1/2 NPT	12	67	3,8	0,1 ... 16	1,45 ... 232	0,5	8274200.9101.xxxxx
	G3/4	20	80	6,1	0,1 ... 16	1,45 ... 232	0,65	8273300.9101.xxxxx
	3/4 NPT	20	80	6,1	0,1 ... 16	1,45 ... 232	0,65	8274300.9101.xxxxx
	G1	25	95	9,5	0,1 ... 16	1,45 ... 232	0,95	8273400.9101.xxxxx
	1 NPT	25	95	9,5	0,1 ... 16	1,45 ... 232	0,95	8274400.9101.xxxxx
	G1 1/4	32	132	23	0,1 ... 10	1,45 ... 145	2,6	8273500.9101.xxxxx
	1 1/4 NPT	32	132	23	0,1 ... 10	1,45 ... 145	2,6	8274500.9101.xxxxx
	G1 1/4	32	132	23	0,1 ... 16	1,45 ... 232	2,6	8273500.9151.xxxxx
	1 1/4 NPT	32	132	23	0,1 ... 16	1,45 ... 232	2,6	8274500.9151.xxxxx
	G1 1/2	40	132	25	0,1 ... 10	1,45 ... 145	2,84	8273600.9101.xxxxx
	1 1/2 NPT	40	132	25	0,1 ... 10	1,45 ... 145	2,84	8274600.9101.xxxxx
	G1 1/2	40	132	25	0,1 ... 16	1,45 ... 232	2,84	8273600.9151.xxxxx
	1 1/2 NPT	40	132	25	0,1 ... 16	1,45 ... 232	2,84	8274600.9151.xxxxx
	G2	50	160	41	0,1 ... 10	1,45 ... 145	3,85	8273700.9101.xxxxx
	2 NPT	50	160	41	0,1 ... 10	1,45 ... 145	3,85	8274700.9101.xxxxx
G2	50	160	41	0,1 ... 16	1,45 ... 232	3,85	8273700.9151.xxxxx	
2 NPT	50	160	41	0,1 ... 16	1,45 ... 232	3,85	8274700.9151.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 25 mm²/s (cSt)

Section View
G1/4 ... 2
1/4 ... 2 NPT


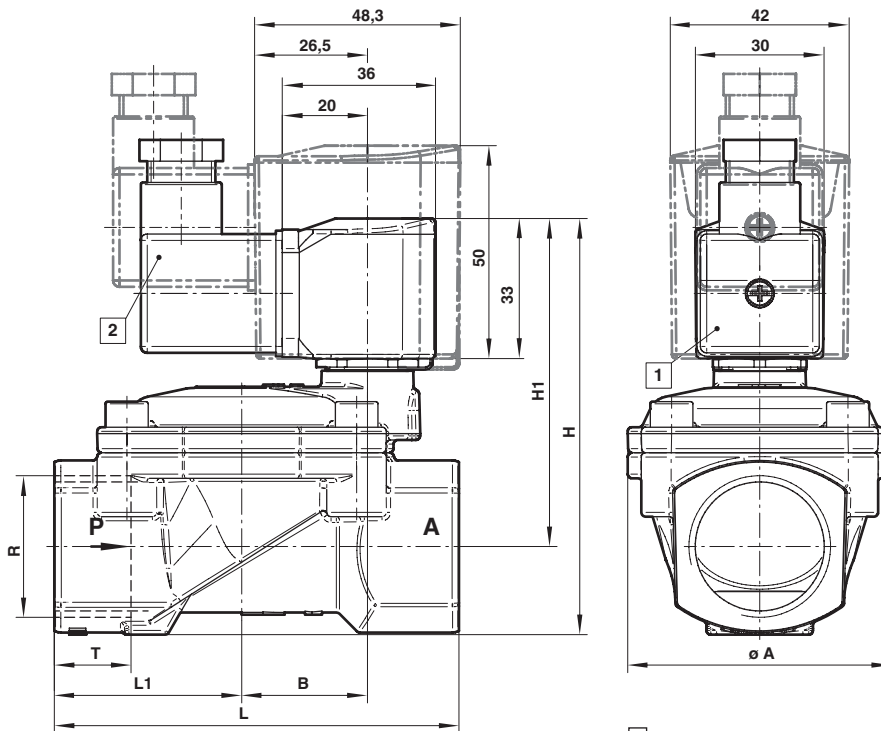
No.	Description
101	Valve body
102	Valve cover
*103	Diaphragm
104	Allen head screw
*105	Pressure spring
400	Solenoid
701	Core tube
*702	O-ring
703	Screw piece
*704	Pressure spring
*705	Plunger
706	Spring clip
*707	O-ring
1400	Socket (included)

* These individual parts form a complete wearing unit.
 When ordering spare parts please state Model No. and Series No.

Dimensions

G1/4 ... 2
1/4 ... 2 NPT

Dimensions in mm
Projection/First angle



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

Port size R	A	B	H	H1	L	L1	T	Model
G1/4	44	19,5	78,5	67	60	27,5	12	8273000.9101.xxxxx
1/4 NPT	44	19,5	78,5	67	60	27,5	10	8274000.9101.xxxxx
G3/8	44	19,5	78,5	67	60	27,5	12	8273100.9101.xxxxx
3/8 NPT	44	19,5	78,5	67	60	27,5	10,5	8274100.9101.xxxxx
G1/2	44	19,5	81	67	67	31	14	8273200.9101.xxxxx
1/2 NPT	44	19,5	81	67	67	31	13,5	8274200.9101.xxxxx
G3/4	50	24	88	71,5	80	36,5	16	8273300.9101.xxxxx
3/4 NPT	50	24	88	71,5	80	36,5	14	8274300.9101.xxxxx
G1	62	29,5	97,5	77	95	44	18	8273400.9101.xxxxx
1 NPT	62	29,5	97,5	77	95	44	17	8274400.9101.xxxxx
G 1 1/4	92	44,5	124,5	95,5	132	60	20	8273500.9101.xxxxx
1 1/4 NPT	92	44,5	124,5	95,5	132	60	17	8274500.9101.xxxxx
G1 1/2	92	44,5	124,5	95,5	132	60	22	8273600.9101.xxxxx
1 1/2 NPT	92	44,5	124,5	95,5	132	60	17	8274600.9101.xxxxx
G2	109	54,5	142,5	108	160	74	24	8273700.9101.xxxxx
2 NPT	109	54,5	142,5	108	160	74	17,5	8274700.9101.xxxxx

Note to Pressure Equipment Directive (PED):

The valves of this series up to and including DN 25 (G1) are according to Art. 4 § 3 of the Pressure Equipment Directive (PED) 2014/68/EU. This means interpretation and production are in accordance to engineers practice wellknown in the member countries. The CE-sign at the valve does not refer to the PED. Thus the declaration of conformity is not longer applicable for this directive.

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.