

- > Port size: DN 15 ... 50, Flange connection, Pressure rating PN 40
 - > High flow rate
 - > For robust industry solutions
 - > Damped operation
 - > Leakage rate E acc. to DIN EN 12266-1
 - > Solenoid
- interchangeable without tools (*Click-on*[®]) up to DN 25 thread
 - > Valve operates without differential pressure (Zero Delta P)
 - > Fluids of Group 2 acc. Pressure Equipment Directive 97/23/EC

Click-on[®]



Technical features

Medium:
Neutral steam and liquid fluids

Switching function:
Normally closed

Operation:
Solenoid actuated, with forced lifting

Mounting position:
Optional, preferably solenoid vertical on top

Flow direction:
Determined

Port size:
DN 15, DN 20, DN 25, DN 32, DN 40, DN 50

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

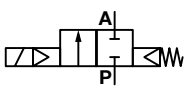
Fluid temperature:
0° ... +200°C (+32° ... +392°F)

Ambient temperature:
0° ... +60°C (+32° ... +140°F)

Material:
Body: Stainless steel (1.4408), Brass
Seat seal: PTFE
Internal parts: Stainless steel, PTFE / Carbon / FPM

For contaminated fluids insertion of a strainer is recommended.

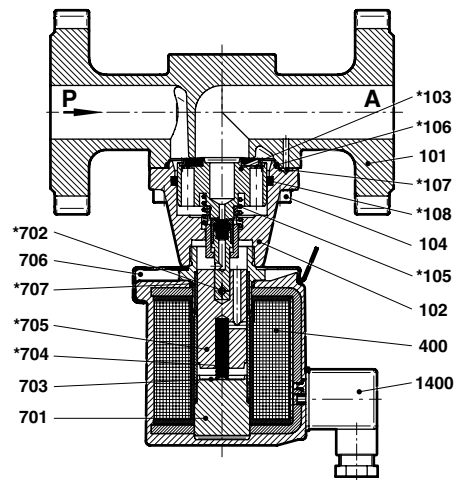
Technical data - standard models

Symbol	Orifice (mm)	Flow kv value *1) (m ³ /h)	Operating pressure *2) (bar)	Weight (kg)	Model Solenoid in V d.c.	Model Solenoid in V a.c.
	15	3,8	0 ... 16	3,8	8552200.9402.xxxxx	8552200.9406.xxxxx
	20	6,1	0 ... 16	4,2	8552300.9402.xxxxx	8552300.9406.xxxxx
	25	9,5	0 ... 16	4,8	8552400.9402.xxxxx	8552400.9406.xxxxx
	32	23	0 ... 16	9,6	8552500.8402.xxxxx	8552500.8406.xxxxx
	40	25	0 ... 16	10	8552600.8402.xxxxx	8552600.8406.xxxxx
	50	41	0 ... 16	11,5	8552700.8402.xxxxx	8552700.8406.xxxxx

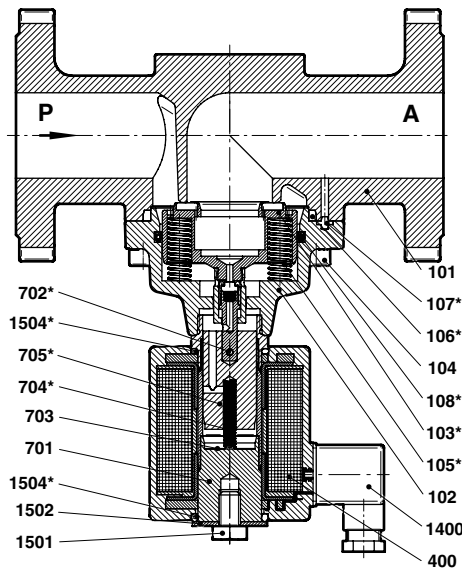
xxxxx Please insert voltage and frequency codes

*1) Cv-value (US) ≈ kv-Wert x 1,2

*2) For gases and liquid fluids up to 80 mm²/s (cSt)

Section View
DN 15 ... 25


No.	Description
101	Valve body
102	Valve cover
*103	Valve piston
104	Straight pin
*105	Pressure spring
*106	Seal ring
*107	Gaskets
*108	Grooved ring
400	Solenoid
701	Core tube
*702	Straight pin
703	Round plate
*704	Pressure spring
*705	Core
706	Spring-clip
*707	O-ring
1400	Socket (included)

DN 32 ... 50


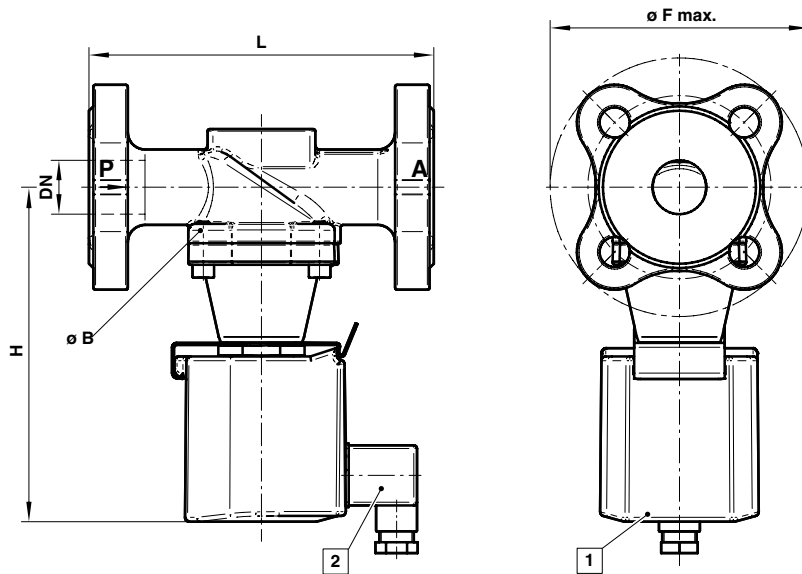
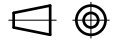
No.	Description
101	Valve body
102	Valve cover
*103	Valve piston
104	Straight pin
*105	Pressure spring (2x)
*106	Seal ring
*107	Gaskets
*108	Grooved ring
400	Solenoid
701	Core tube
*702	Straight pin
703	Round plate
*704	Pressure spring
*705	Core
1400	Socket (included)
1501	Hexagon screw
1502	Round plate
*1504	O-ring (2x)

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

Dimensions

DN 15 ... 25

Dimensions in mm
Projection/First angle

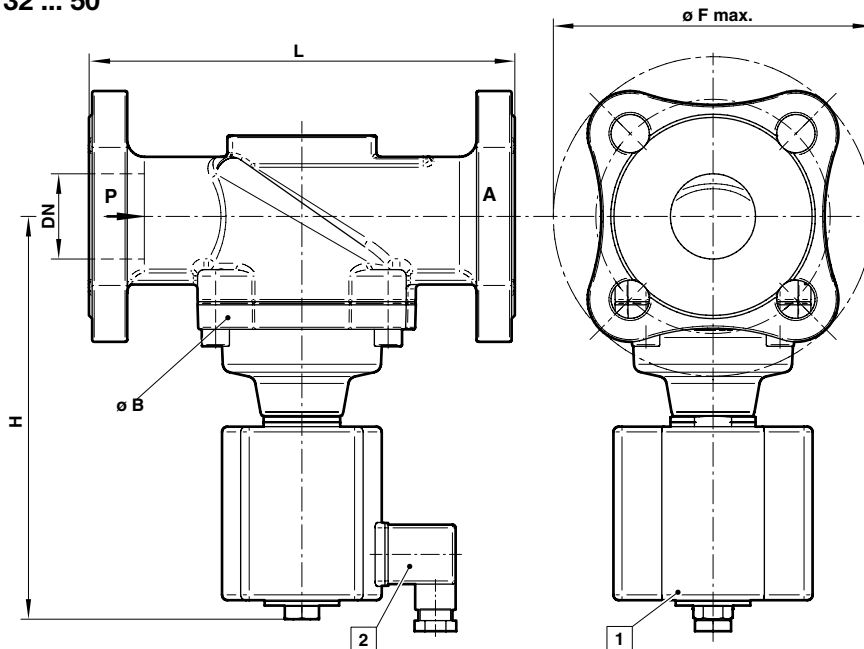


- 1 Solenoid rotatable 360°
- 2 Socket turnable 4 x 90°
(Socket included)

Orifice (mm)	ϕB	$\phi F \text{ max.}$	H	L	Model
15	44	96	142	130	8552200.940x.xxxx
20	50	110	150	150	8552300.940x.xxxx
25	62	115	155	160	8552400.940x.xxxx

Contact face acc. to DIN EN 1092-1/B

DN 32 ... 50



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

Orifice (mm)	ϕA	$\phi F \text{ max.}$	H	L	Model
32	92	140	184	180	8552500.840x.xxxx
40	92	150	189	200	8552600.840x.xxxx
50	109	165	197	230	8552700.840x.xxxx

Contact face acc. to DIN EN 1092-1/B

Note to Pressure Equipment Directive (PED):

The valves of this series, including the connection size DN 25 (G 1), are according to Art. 3 § 3 of the Pressure Equipment Directive (PED) 97/23/EG. This means interpretation and production are in accordance to engineers practice wellknown in the member countries.

The CE-sign at the valve refers not to the PED. Thus the declaration of conformity is not longer applicable for this directive.

For valves > DN 25 (G 1) Art. 3 § (1) No.1.4 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 (2004/108/EG) satisfied.