

- > **Port size: DN 65 ... 150, flange connection PN 16**
- > **Adjustable damped operation**
- > **Easily interchangeable solenoid**
- > **Insensitive to deposit**
- > **Low power consumption**



### Technical features

**Medium:**

Neutral gases and liquid fluids

**Switching function:**

Normally closed

**Operation:**

Indirectly solenoid actuated

**Mounting position:**

Optional, solenoid preferably vertical on top

**Flow direction:**

Determined

**Port size:**

DN 65, DN 80,  
DN 100 DN 125, DN 150

**Operating pressure:**

0,5 ... 10 bar (7,25 ... 145 psi)

**Fluid temperature:**

-10° ... +90°C (+14° ... +194°F)

**Ambient temperature:**

-10° ... +50°C (+14° ... +122°F)

**Material:**

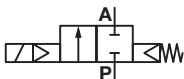
Body: Grey cast iron

Seat seal: NBR

Internal parts: 1.4104, 1.4301,  
2.1096, 2.0402

For contaminated fluids insertion of a strainer is recommended.

### Technical data - standard models

Symbol	Orifice (mm)	Flow kv value *1 (m³/h)	Operating pressure *2 (bar)	Weight (kg)	Model
	65	56	0,5 ... 10	21,3	8358800.9366.xxxxx
	80	90	0,5 ... 10	28,6	8358900.9366.xxxxx
	100	150	0,5 ... 10	40,2	8359000.9366.xxxxx
	125	191	0,5 ... 10	63	8359100.9366.xxxxx
	150	277	0,5 ... 10	93	8359200.9366.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 mm³/s (cSt)

Option selector

835\*\*\*\*\*.9366.\*\*\*\*\*

Port size	Substitute
65	88
80	89
100	90
125	91
150	92
Valve options	Substitute
Normally open (NO)	01

Frequency	Substitute
See table frequency codes	xx
Voltage	Substitute
See Voltage codes	xxx

Standard solenoid systems

Voltage and Frequency Solenoid 9366					
Code Voltage	Code Frequency	Voltage	Frequency	Power consumption	
				Inrush	Holding
024	00	24 V d.c.	-	18 W	18 W
024	50	24 V a.c.	50 Hz	106 VA	35 VA
110	50	110 V a.c.	50 Hz	106 VA	35 VA
120	60	120 V AC a.c.	60 Hz	106 VA	35 VA
230	50	230 V AC a.c.	50 Hz	106 VA	35 VA

Electrical details for all solenoid systems

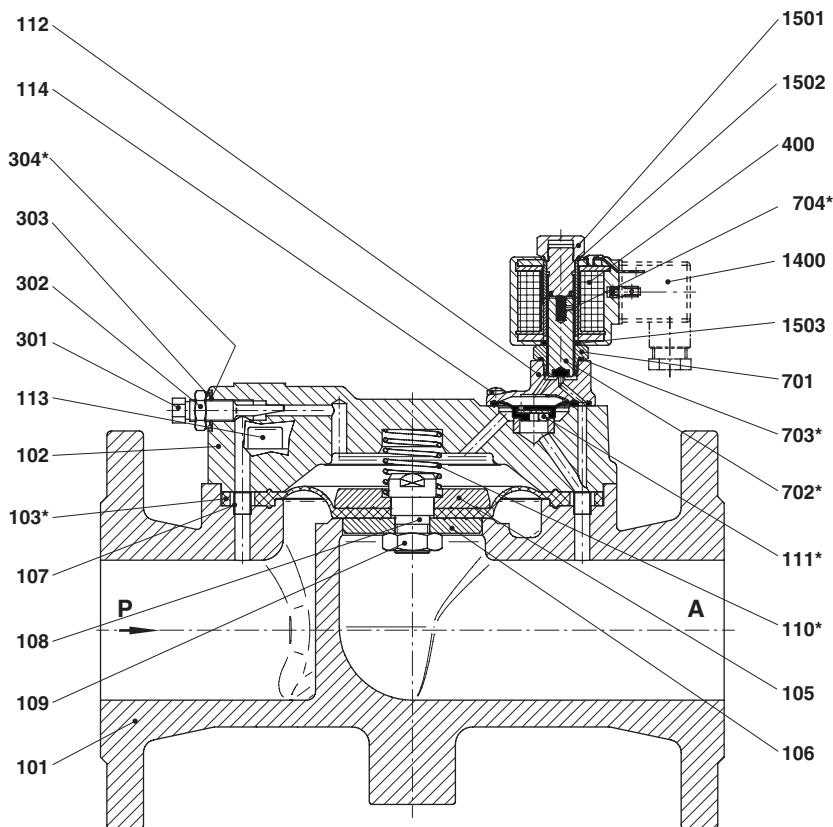
<b>Design</b>	DIN VDE 0580
<b>Voltage range</b>	±10%
<b>Duty cycle</b>	100% ED
<b>Protection class</b>	EN 60529 IP65
<b>Socket</b>	Form A acc. to DIN EN 175301-803 (included)

According to DIN VDE 0580 at a solenoid temperature of +20°C.  
At operating state temperature the input power of a coil decreases by up to ca. 30% due to physical reasons.

Further versions on request!

Section View

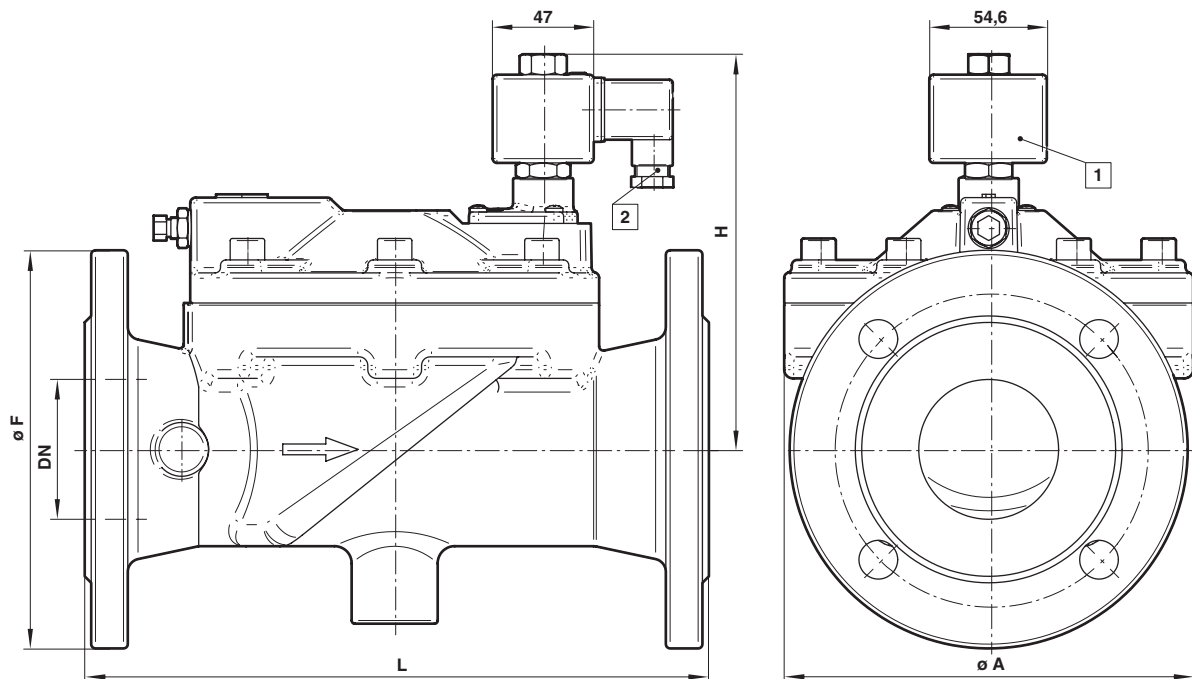
DN 65 ... 150



No.	Description
101	Valve body
102	Body cover
*103	Diaphragm
105	Round plate
106	Round plate
107	Bushing
108	Screw piece
109	Hexagon nut
*110	Pressure spring
*111	Diaphragm
112	Body cover
113	Cheese head screw
114	Oval head cap screw
301	Oval head cap screw
302	Hexagon nut
303	Round plate
*304	O-ring
400	Solenoid
701	Core tube
*702	Core
*703	O-ring
*704	Pressure spring
1400	Socket
1501	Hexagon screw
1502	O-ring
1503	Gasket

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

**Dimensions**  
**DN 65 ... 150**

 Dimensions in mm  
 Projection/First angle


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

Orifice (mm)	ø A	ø F	H	L	Model
65	190	185	185	290	8358800.9366.xxxxx
80	220	200	195	310	8358900.9366.xxxxx
100	250	220	220	350	8359000.9366.xxxxx
125	285	250	235	400	8359100.9366.xxxxx
150	330	285	265	480	8359200.9366.xxxxx

**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] satisfield.