2/2-way solenoid valve
SL117

TECHNICAL SPECIFICATIONS

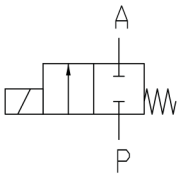
Type of control:	Force pilot operated, no pressure difference required
Design:	Piston design
Connection:	Flanges acc. to EN 1092-1 Form B1/B2 Other flange connections like ASME or JIS on request
Installation:	Actuator in upright position Lying position of actuator on request
Pressure:	0-40 bar (see table page 2)
Medium:	Clean, neutral, gaseous and liquid medium
Viscosity:	22 mm^2/s
Temperature range:	Medium: -40 °C up to +200 °C Ambient: -40 °C up to +50 °C
Body material:	Spheroidal graphite iron EN-GJS-400-18-LT (from DN125) Cast iron EN-GJL-250 Cast steel GP240 GH Stainless steel 1.4581
Metallic inner parts:	Brass and stainless steel
Sealing:	PTFE
Supply voltage:	AC~ 24V, 110V, 230V via external rectifier (included in delivery) DC= 12V, 24V, 110V Other supply voltages on request
Voltage tolerance:	-10% / +10%
Protection class:	IP65 according to DIN EN 60529
Duty factor:	100% ED-VDE 0580
Connection type:	Terminal box

VALVE FEATURES

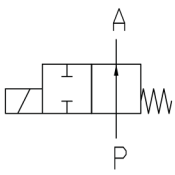
- High temperature design up to +200 °C
- No pressure difference is required
- Simple compact valve design
- Reliable and sturdy sealing elements
- Long-term availability of spare parts
- High-quality materials

FUNCTION

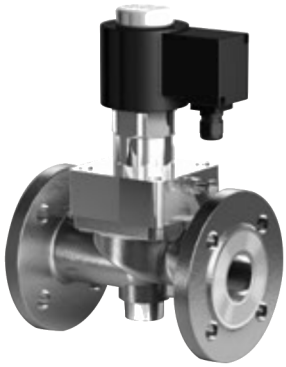
NC - non energized closed



NO - non energized open



CERTIFICATES



Abbildungen unverbindlich, Konstruktions-, Maß- und Werkstoffänderungen vorbehalten
illustrations are non-binding, all designs, configurations, measurements and materials are subject to change without prior notice

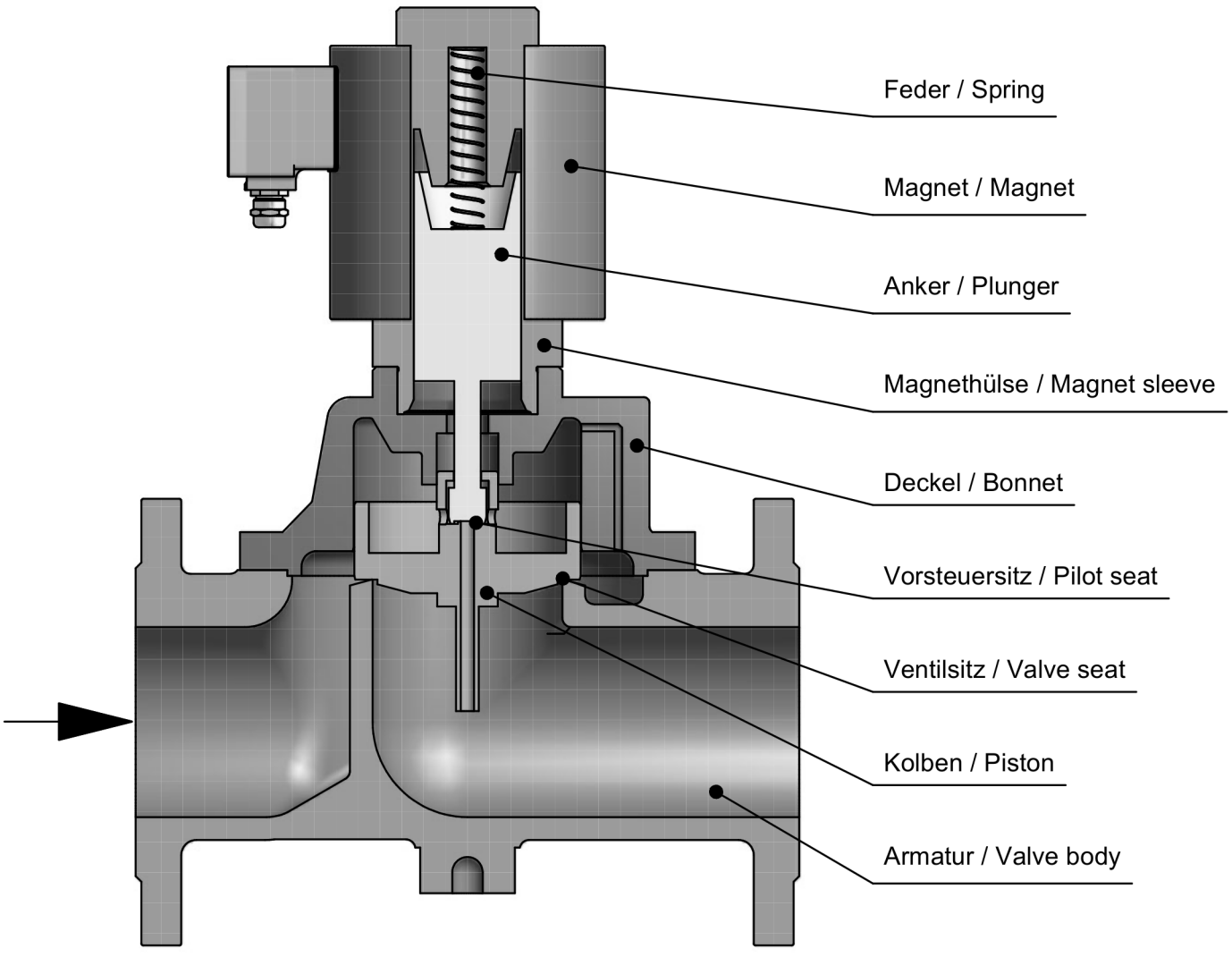
© 2017 - STASTO Automation KG

2/2-way solenoid valve
SL117

TECHNICAL FEATURES

			max. pressue		
DN	Seat ø mm	Kv-value m³/h			
65	65	75	0-25	0-40*	-
80	80	97	0-20	0-40*	-
100	100	143	0-12	0-20*	-
125	125	240	-	0-9	0-25*
150	150	370	-	0-4	0-25*
200	200	625	-	-	0-20*

The flow rate mentioned in the table applies to the *marked coil.
Max. pressure 0-13 bar with EN-GJL-250 housing PN16.

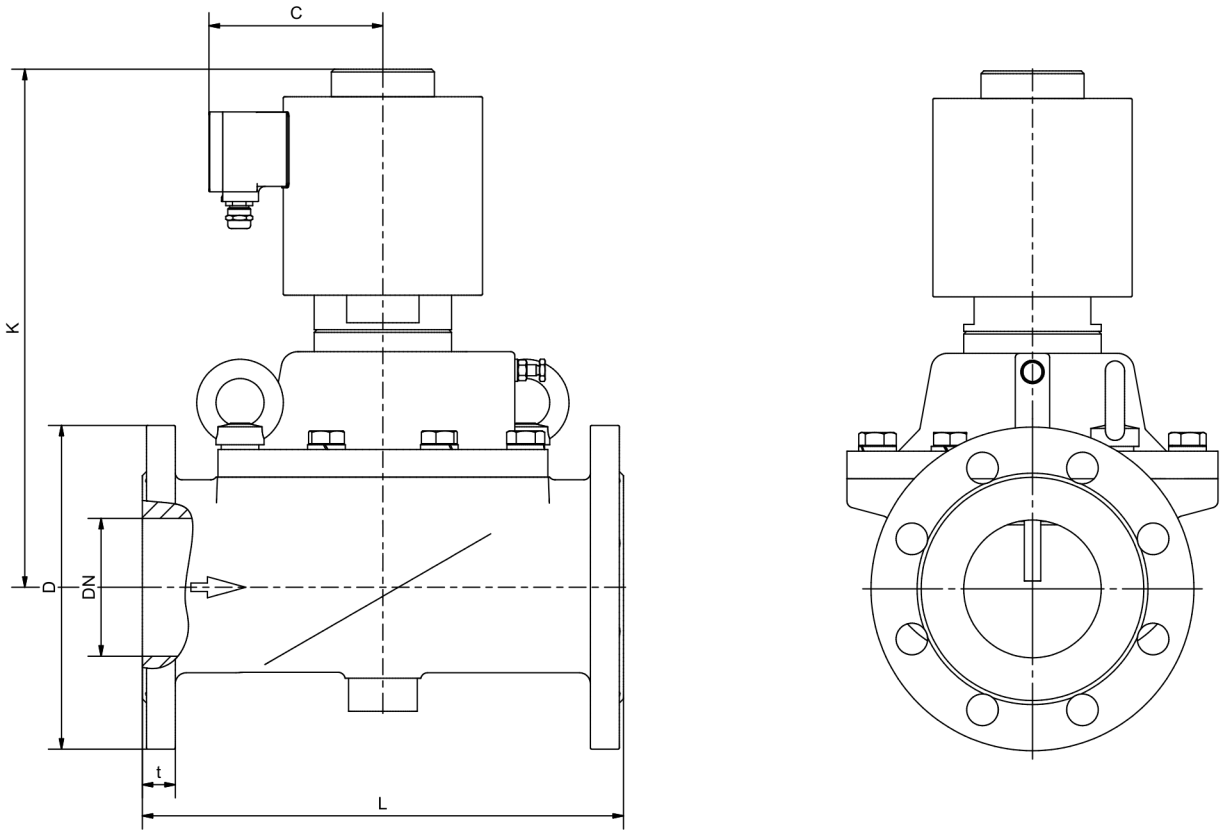


Abbildungen unverbindlich, Konstruktions-, Maß- und Werkstoffänderungen vorbehalten
illustrations are non-binding, all designs, configurations, measurements and materials are subject to change without prior notice

© 2017 - STASTO Automation KG

2/2-way solenoid valve
SL117

DIMENSIONS



DN	65	80	100	65	80	100	125	150	125	150	200
C	107	107	107	120	120	120	120	120	160	160	160
D*	185	200	220	185	200	235	270	285 / 300	250 / 270	285 / 300	340 / 375
K	295	295	360	390	390	380	350	420	580	615	680
L	290	310	350	290	310	350	400	480	400	480	600
t*	18 / 22	20 / 24	20 / 24	18 / 22	20 / 24	20 / 24	26	26 / 28	26	26 / 28	30 / 34
kg	29	39,5	55	45	53,5	64,5	72,5	84	133,5	157	208

*** PN16 / PN40**

Abbildungen unverbindlich, Konstruktions-, Maß- und Werkstoffänderungen vorbehalten
illustrations are non-binding, all designs, configurations, measurements and materials are subject to change without prior notice

© 2017 - STASTO Automation KG