



Piston valve 2/2 way servo-assisted

- Push-over solenoid system
- NC valves, certified in accordance with DIN EN ISO 23553 - 1
- Supply or circulation valve for liquid fuels
- IP65



Product variants described in the data sheet may differ from the product presentation and description.

Can be combined with



Type 2518 ▶
Cable Plug
DIN EN 175301 - 803 -
Form A

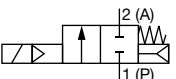
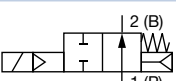
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1. General technical data

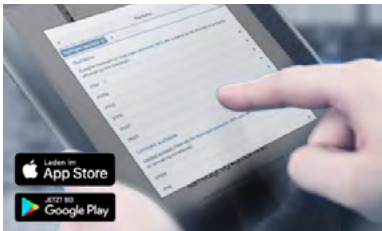
Product properties	
Dimensions	Detailed information can be found in chapter "4. Dimensions" on page 5.
Material	
Seal	Seat: PTFE Housing: FKM
Body	Brass, stainless steel
Coil	Epoxy
Nominal diameter	DN 13, DN 20
Circuit function	Detailed information can be found in chapter "2. Circuit functions" on page 3.
Thermal insulation class of solenoid	H
Electrical data	
Operating voltage	110 V/50 Hz, 230 V/50 Hz, others on request
Duty cycle	Continuous operation 100 % ED
Medium data	
Medium temperature	0 °C...160 °C
Operating medium	Heating oil (EL, L, M, S) acc. to DIN 51603 part 1 - 6 Shipping fuels acc. to ISO 8217 Only with stainless steel body: Fatty acid methyl esters (FAME) acc. to DIN EN 14213 Rapeseed oil acc. to DIN V 51605
Viscosity (max.)	1.6...76 mm ² /s
Process/Port connection & communication	
Port connection	G ¾, G ½, G ¼
Electrical connection	Acc. to DIN EN 175301 - 803 Form A
Approvals and certificates	
Degree of protection	IP65
DIN CERTCO registration (NC valves, DN 6, DN 13, DN 20)	Reg. No.: 5S255
Environment and installation	
Installation position	Any, preferably actuator face up
Ambient temperature	-15 °C...+60 °C

2. Circuit functions

Circuit functions	Description
	Type: A, solenoid valve 2/2 way Servo-controlled Normally closed
	Type: B, solenoid valve 2/2 way Servo-controlled Normally opened

3. Materials

3.1. Chemical Resistance Chart – Bürkert resistApp



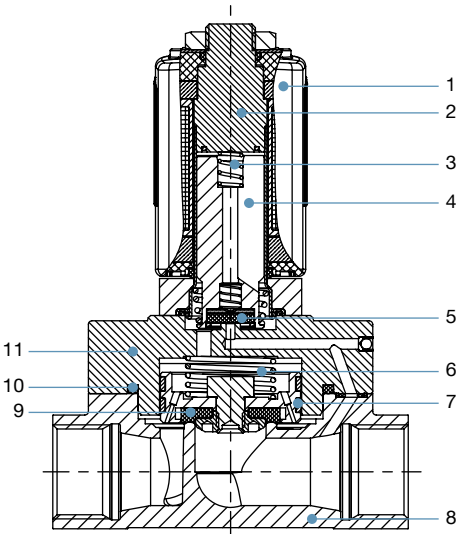
Bürkert resistApp – Chemical Resistance Chart

You want to ensure the reliability and durability of the materials in your individual application case? Verify your combination of media and materials on our website or in our resistApp.

[Start Chemical Resistance Check](#)

3.2. Material specifications

DN 13 and DN 20 version

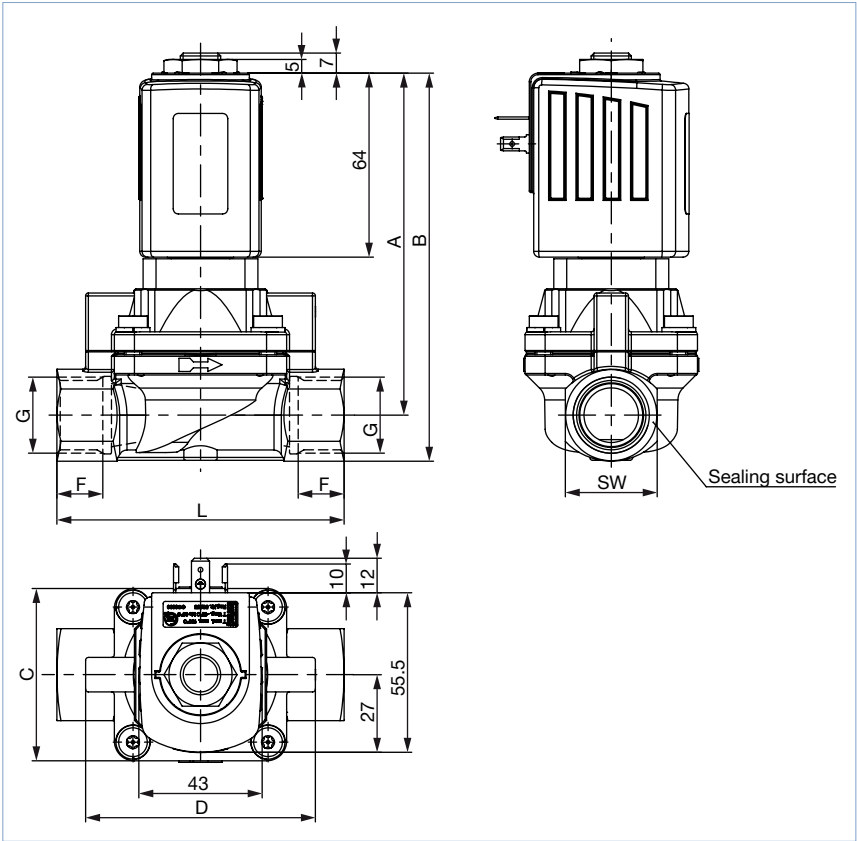


No.	Element	Material
1	Coil	Epoxy
2	Stopper	1.4113
3	Spring	1.4310
4	Plunger	1.4105
5	Seat seal	PTFE
6	Spring	1.4310
7	Piston seal	PTFE/graphite
8	Valve body	DN 13 brass DN 20 stainless steel 1.4581
9	Seat sealing	PTFE
10	Seal ring	FKM
11	Cover	DN 13 brass DN 20 stainless steel 1.4581

4. Dimensions

4.1. DN 13 and DN 20 version

Note:
Dimensions in mm



DN	A	B	C	D	F	G	L	SW	Sealing surface
13	118	131.5	40	57	12	G $\frac{3}{8}$	75	27	17 x 21
					14	G $\frac{1}{2}$			22 x 27
20	119	135	60	80	16	G $\frac{3}{4}$	100	32	27 x 32