

Ball valves

High pressure 2-way F/F ball valve with stainless steel pneumatic actuator (50802)

Model 50411 BSP

Model 50431 NPT



Specifications

⇒ Valve

Dimensions: DN8 to DN25 (1/4" to 1")

Connection: BSP or NPT female thread

Pressure: 1/4" to 1/2" - PN500

3/4" to 1" - PN315

Operating temperature: -20°C to +100°C

Material: 316 stainless steel

(for the stainless steel parts that can come into contact with the transported fluid)

⇒ Pneumatic actuator

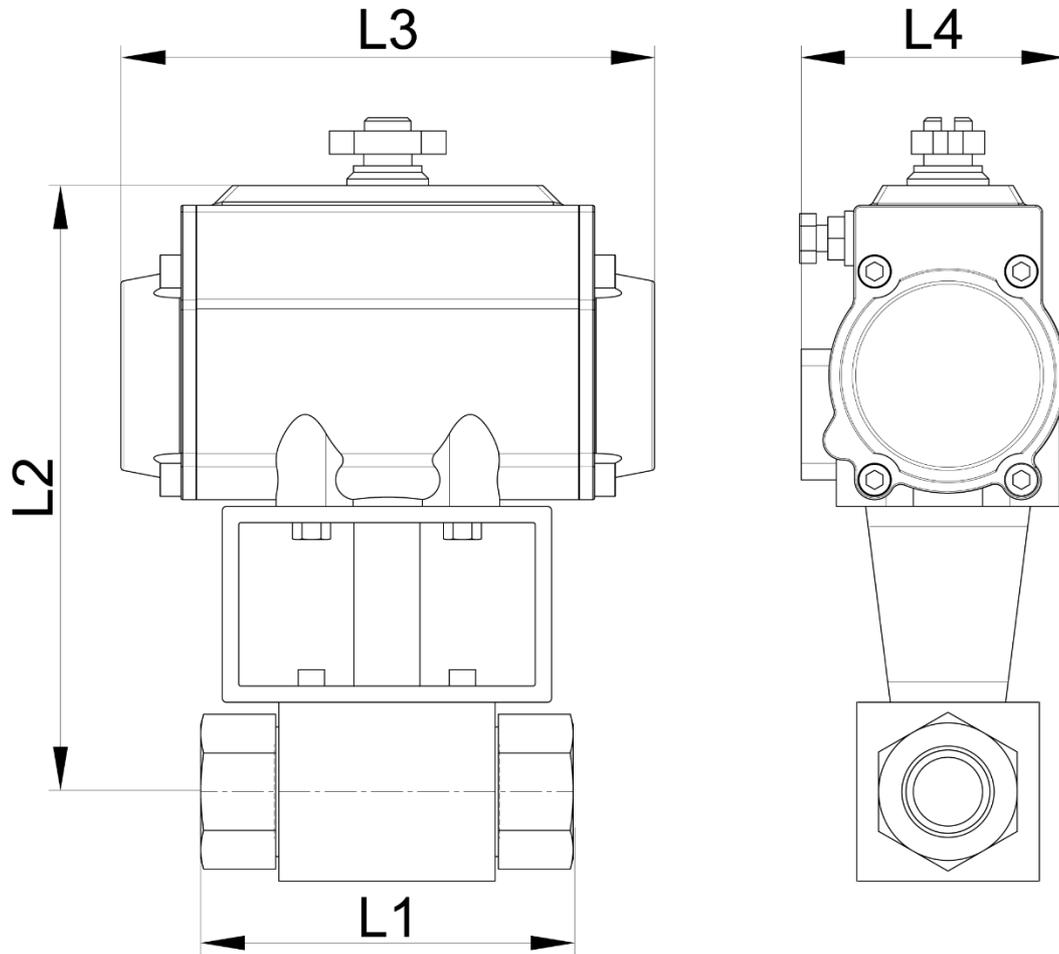
Air connection: 1/8" (VP50 to VP88) or

1/4" (VP100 to VP200)

Operating pressure: 6 to 8 bar

Operating temperature: -20°C to +85°C

Material: Stainless steel

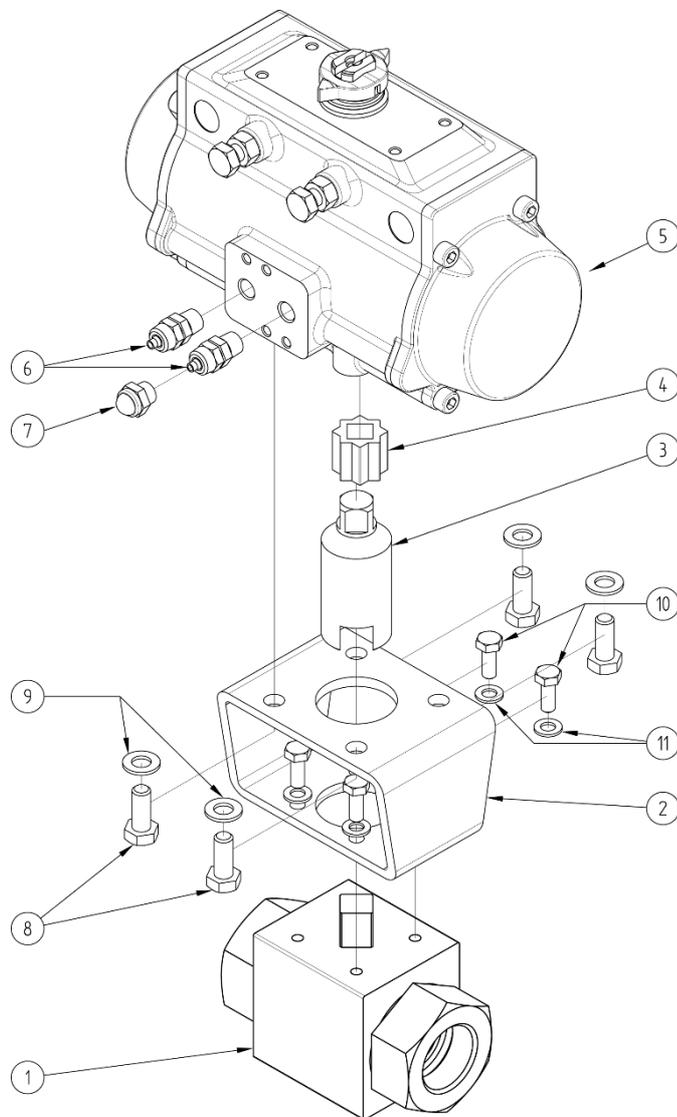


Spring return

DN (mm)	NB (inches)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Weight (kg)	BSP part number	NPT part number
8	1/4"	69	196	208	96	6.42	450411-8SE	450431-8SE
10	3/8"	72	201	208	96	6.62	450411-10SE	450431-10SE
15	1/2"	83	216	248	108	9.70	450411-15SE	450431-15SE
20	3/4"	95	233	268	123	10.30	450411-20SE	450431-20SE
25	1"	113	253	268	123	14.38	450411-25SE	450431-25SE

Double-acting type

DN (mm)	NB (inches)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	Weight (kg)	BSP part number	NPT part number
8	1/4"	69	178	164	84	4.29	450411-8DE	450431-8DE
10	3/8"	72	183	164	84	4.49	450411-10DE	450431-10DE
15	1/2"	83	185	164	84	4.79	450411-15DE	450431-15DE
20	3/4"	95	220	208	96	6.91	450411-20DE	450431-20DE
25	1"	113	228	208	96	7.61	450411-25DE	450431-25DE



N°	Part Name	Material	Quantity
1	HP BALL VALVE (58543 or 58545)	316 STAINLESS STEEL	1
2	FIXING BRACKET	STAINLESS STEEL	1
3	SHAFT	STAINLESS STEEL	1
4	COUPLING	STAINLESS STEEL	0 or 1
5	PNEUMATIC ACTUATOR (50802)	STAINLESS STEEL	1
6	CAPPED PNEUMATIC CONNECTOR	NICKEL-PLATED BRASS	1 (SE*) or 2 (DE**)
7	EXHAUST SILENCER	NICKEL-PLATED BRASS	1 (SE*)
8	FIXING BOLT	STAINLESS STEEL	4
9	WASHER	STAINLESS STEEL	4
10	FIXING BOLT	STAINLESS STEEL	4
11	WASHER	STAINLESS STEEL	4

*Spring return pneumatic actuator **Double-acting type pneumatic actuator

You can refer to the following product data sheets for more technical information:

- **58543**: High pressure 2-way ball valve with BSP female threading
- **58545**: High pressure 2-way ball valve with NPT female threading
- **50802SE**: Spring return pneumatic actuator
- **50802DE**: Double-acting type pneumatic actuator

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