

# Ball valves

## High pressure 3-way F/F/F ball valve with T-shaped bore and aluminium pneumatic actuator (50800)

**Model 50351** BSP

**Model 50381** 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

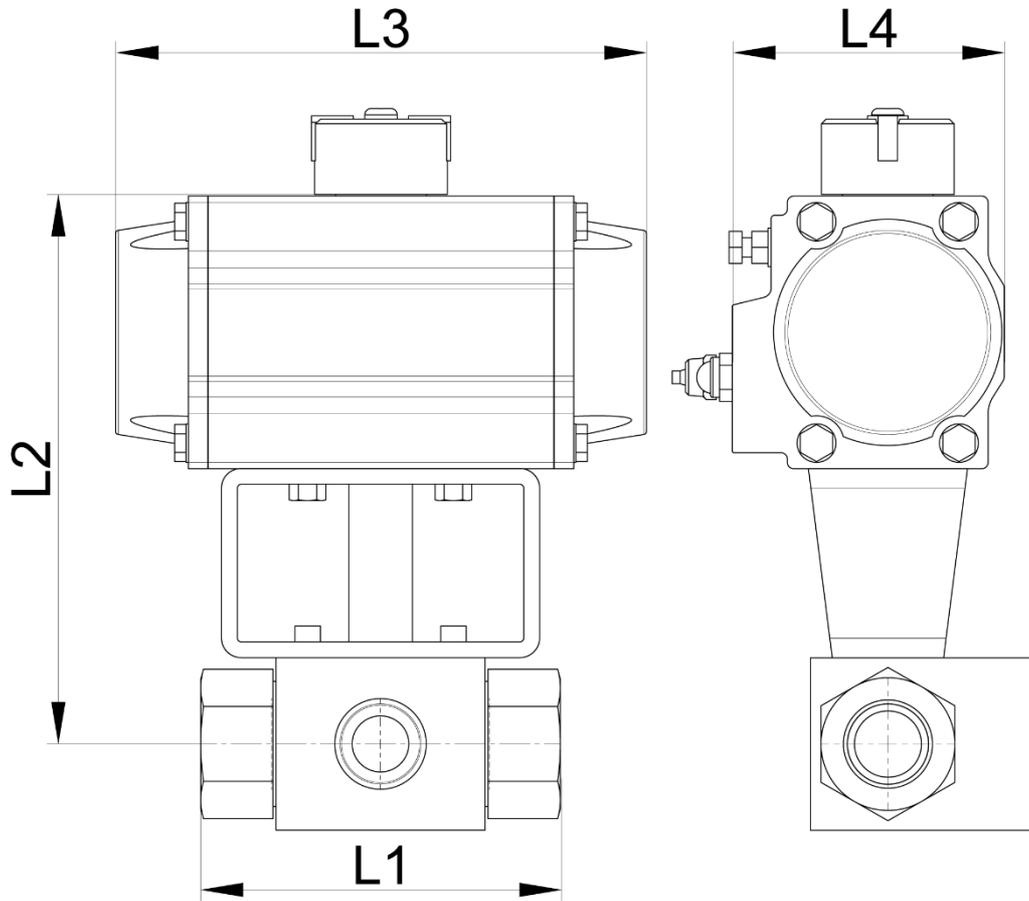
**Air connection:** 1/8" (VP50 to VP88) or

1/4" (VP100 to VP200)

**Operating pressure:** 6 to 8 bar

**Operating temperature:** -20°C to +80°C

**Material:** Aluminium

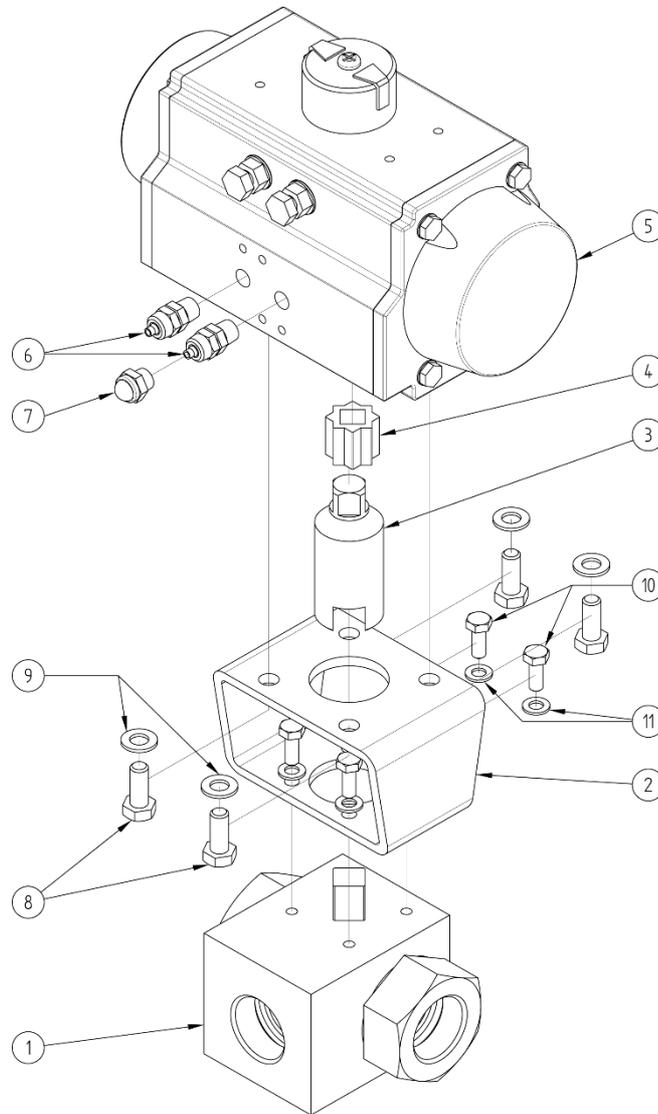


### Spring return

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	4.10	450351-8SE	450381-8SE
10	3/8"	72	201	208	96	4.30	450351-10SE	450381-10SE
15	1/2"	83	216	248	108	5.75	450351-15SE	450381-15SE
20	3/4"	95	245	268	123	7.95	450351-20SE	450381-20SE
25	1"	113	253	268	123	8.65	450351-25SE	450381-25SE

### 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	2.55	450351-8DE	450381-8DE
10	3/8"	72	183	164	84	2.75	450351-10DE	450381-10DE
15	1/2"	83	185	164	84	3.05	450351-15DE	450381-15DE
20	3/4"	95	220	208	96	5.20	450351-20DE	450381-20DE
25	1"	113	228	208	96	5.90	450351-25DE	450381-25DE



N°	Part Name	Material	Quantity
1	HP BALL VALVE (58534 or 58536)	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 (50800)	ALUMINIUM	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:

- **58534**: High pressure 3-way ball valve with BSP female threading
- **58536**: High pressure 3-way ball valve with NPT female threading
- **50800SE**: Spring return pneumatic actuator
- **50800DE**: Double-acting type pneumatic actuator

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