

# Ball valves

## High pressure 2-way F/F ball valve with aluminium pneumatic actuator (50800)

**Model 50410** BSP

**Model 50430** 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

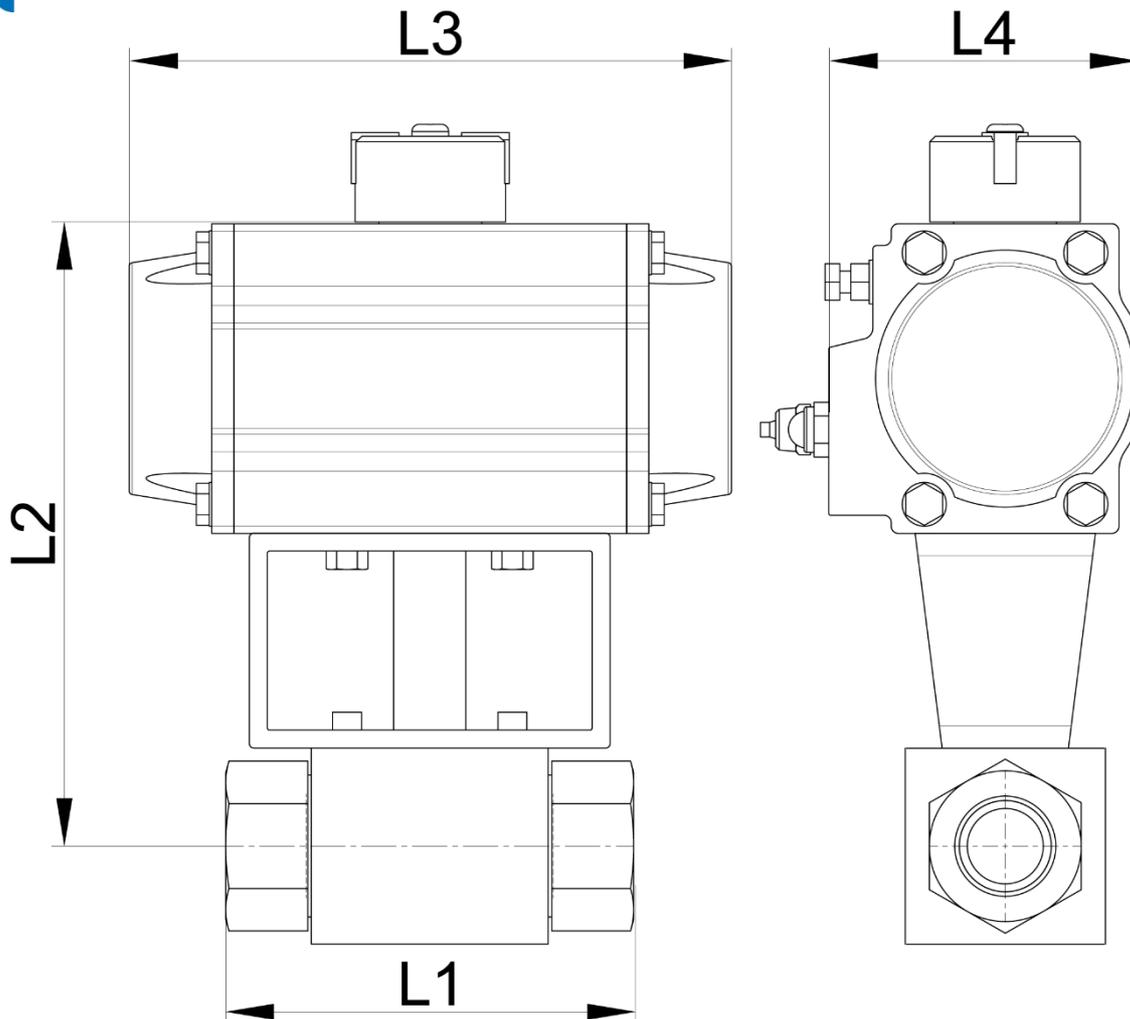
**Air connection:** 1/8" (VP50 to VP88) or

1/4" (VP100 to VP200)

**Operating pressure:** 6 to 8 bar

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

**Material:** Aluminium

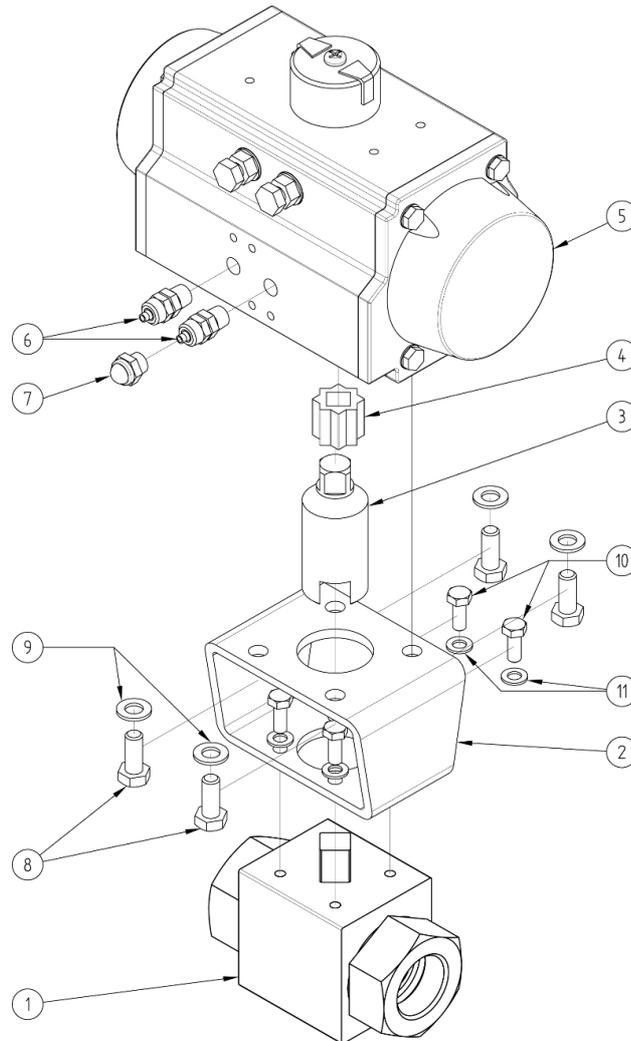


### Spring return

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	450410-8SE	450430-8SE
10	3/8"	72	201	208	96	4.30	450410-10SE	450430-10SE
15	1/2"	83	216	248	108	5.75	450410-15SE	450430-15SE
20	3/4"	95	245	268	123	7.95	450410-20SE	450430-20SE
25	1"	113	253	268	123	8.65	450410-25SE	450430-25SE

### 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	450410-8DE	450430-8DE
10	3/8"	72	183	164	84	2.75	450410-10DE	450430-10DE
15	1/2"	83	185	164	84	3.05	450410-15DE	450430-15DE
20	3/4"	95	220	208	96	5.20	450410-20DE	450430-20DE
25	1"	113	228	208	96	5.90	450410-25DE	450430-25DE



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 (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:

- **58543**: High pressure 2-way ball valve with BSP female threading
- **58545**: High pressure 2-way ball valve with NPT female threading
- **50800SE**: Spring return pneumatic actuator
- **50800DE**: Double-acting type pneumatic actuator

**Béné Inox** – 11 chemin de la Pierre Blanche – 69800 SAINT-PRIEST – S.A.S with 240 000 € share capital – SIREN N° 311 810 287  
Tel. N°: +33 (0)4 78 90 48 22 – Fax N°: +33 (0)4 78 90 69 59 – [www.bene-inox.com](http://www.bene-inox.com) – [bene@bene-inox.com](mailto:bene@bene-inox.com)

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