

Ball valves

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

Model 50350 BSP

Model 50380 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

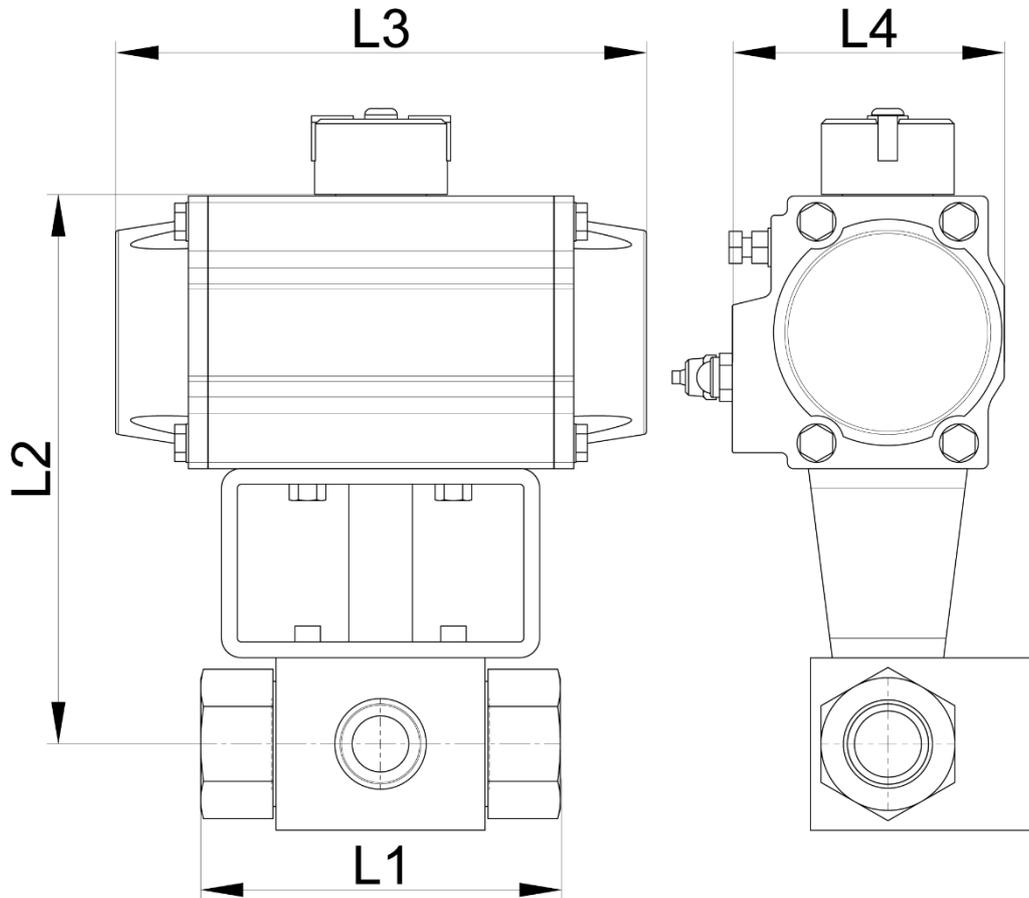
Air connection: 1/8" (VP50 to VP88) or

1/4" (VP100 to VP200)

Operating pressure: 6 to 8 bar

Operating temperature: -20°C to +80°C

Material: Aluminium

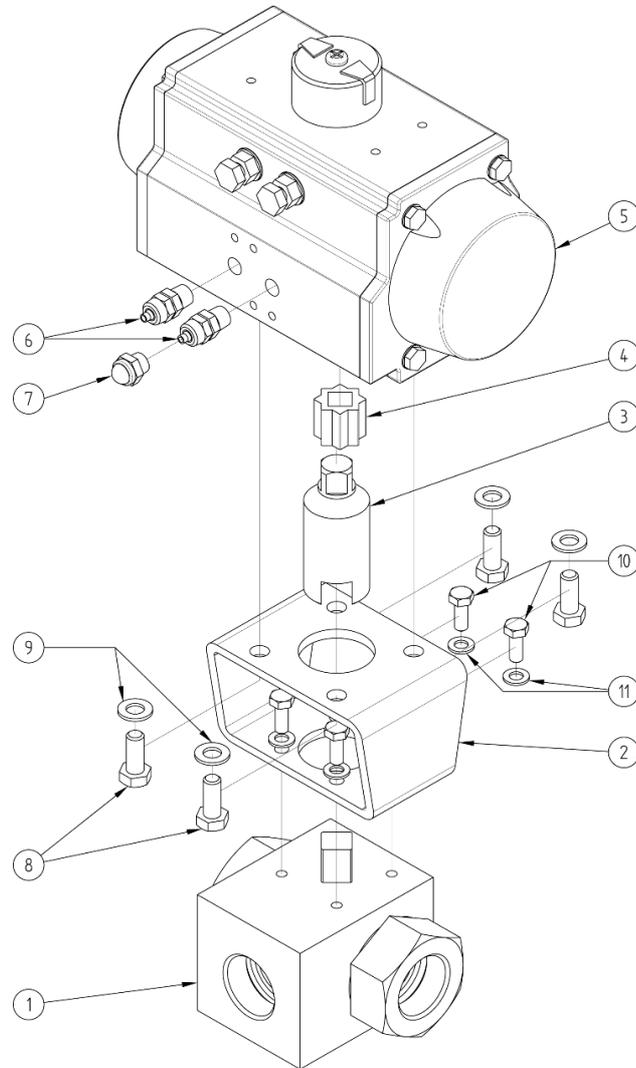


Spring return

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	450350-8SE	450380-8SE
10	3/8"	72	201	208	96	4.30	450350-10SE	450380-10SE
15	1/2"	83	216	248	108	5.75	450350-15SE	450380-15SE
20	3/4"	95	245	268	123	7.95	450350-20SE	450380-20SE
25	1"	113	253	268	123	8.65	450350-25SE	450380-25SE

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	450350-8DE	450380-8DE
10	3/8"	72	183	164	84	2.75	450350-10DE	450380-10DE
15	1/2"	83	185	164	84	3.05	450350-15DE	450380-15DE
20	3/4"	95	220	208	96	5.20	450350-20DE	450380-20DE
25	1"	113	228	208	96	5.90	450350-25DE	450380-25DE



N°	Part Name	Material	Quantity
1	HP BALL VALVE (58533 or 58535)	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:

- **58533**: High pressure 3-way ball valve with BSP female threading
- **58535**: High pressure 3-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 – bene@bene-inox.com

Technical information, illustrations and photographs are provided for information only, they are not contractual. Some may vary according to the tolerances accepted in the profession and the applicable standards. All instructions for use, disassembly and maintenance are recommendations only. These could also vary depending on product usage conditions, its installation environment and purchaser requirements – of which the purchaser alone is responsible for their definition.