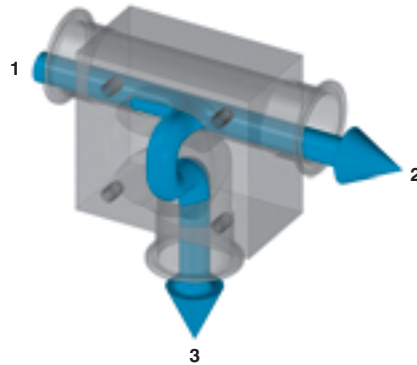


2-2. Sampling Valves: Type-P

1 Features of Products

- Sampling of fluid without a dead space (pockets or fluid accumulation).
- A compact body that allows a direct implementation in pipeline and the structure with no residual liquid in a valve.
- Applicable for a wide range of applications, such as branching, merging (mixing), introduction of washing water or sterilization steam and discharging, as well as sampling.



Valve	Connected Ports	Port No.
Open	1 - 2 1 - 3 2 - 3	
Close	1 - 2	

2 Valve Specifications

Standard Specifications

Manufactured Main Bodies

Main Body Material	SUS316L
Nominal Size (DN)	Combination of main pipe and valve • Standard: 15–50 (other range supplied as option)
Operation Type	Manual operation and pneumatic operation are applicable.

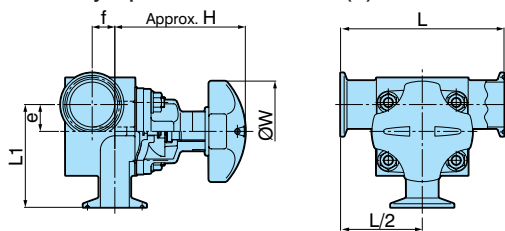
Other Specifications

- Main body surface finish classifications, diaphragm specifications, etc., are in accordance with the standard specifications. (Ref. page 10–11)
- Interchangeability with the units for standard main bodies allows the common use with the actuators for manually operated valves and pneumatically operated ON-OFF valves.
- Please contact us for PFA coated main body (special clamp connection).

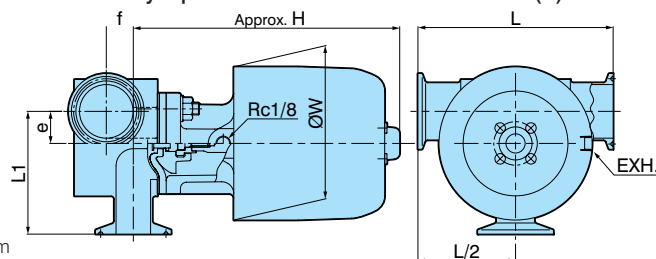
3 Major Dimensions (reference)

A typical example is shown with the combination of various nominal sizes and actuators. Please contact us for combinations other than the table below.

Manually Operated Valve: B414 (P) N



Pneumatically Operated ON-OFF Valve: BPO1414 (P) NB



Unit: mm

Main Pipe × Valve DN (S)	L	L1	e	f	Manually (B400N)		Pneumatically ON-OFF (BPO)		
					Approx. H	W	Actuator	Approx. H	W
15 × 15 (1.5 × 1.5)	90	62.3	11.3	—	103	70	07	156	87
25 × 15 (1.5 × 1.5)	100	65.0	14.0	11.0	95	70	07	148	87
25 × 25 (1.5 × 1.5)	130	78.5	15.0	—	114	80	09	188	102
40 × 15 (1.5S × 1.5)	110	67.4	20.4	18.5	94	70	07	147	87
40 × 25 (1.5S × 1.5)	130	81.8	21.4	18.0	104	80	09	178	102
40 × 40 (1.5S × 1.5S)	160	98.5	21.9	—	145	100	12	210	138
50 × 15 (2S × 1.5)	120	77.4	26.4	24.0	95	70	07	148	87
50 × 25 (2S × 1.5)	140	90.9	27.4	27.0	104	80	09	178	102
50 × 40 (2S × 1.5)	160	107.4	27.9	21.0	133	100	12	198	138
50 × 50 (2S × 2S)	190	124.4	28.9	—	161	125	16	253	183