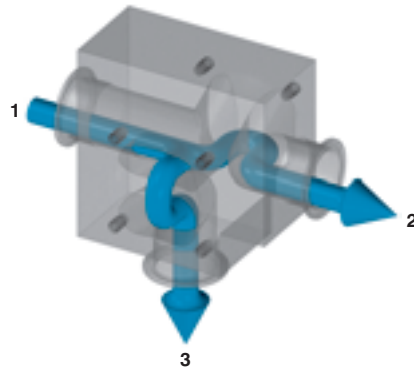


2-3. 3-Way Valves: Type-K

1 Features of Products

- Direct installation in a pipeline, compact and a structure with no residual fluid in valve.
- A wide range of application, such as branching, merging (mixing), introduction of washing water and sterilization steam, and discharge.



Valve A	Valve B	Connected Ports	Port No. Diagram
Open	Close	1 - 2	
Open	Open	1 - 2 1 - 3 2 - 3	
Close	Open	1 - 3	
Close	Close	—	

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.

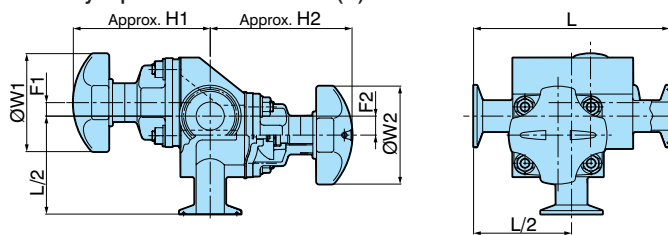
Other Specifications

- Main body surface finish classifications, diaphragm specifications, etc., are in accordance with the standard specifications. (Ref. page 10–11)
- Interchangeability with those 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 bodies (special clamp connection).

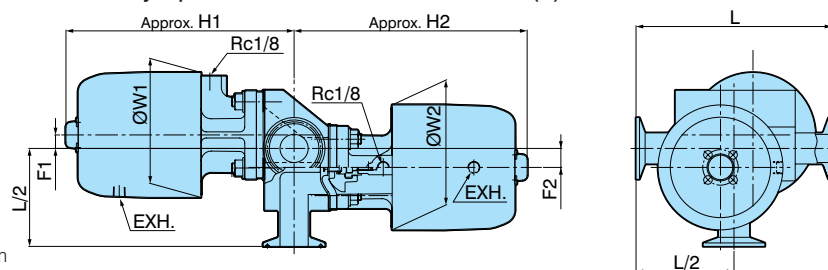
3 Major Dimensions (reference)

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 (K) N



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



Unit: mm

Main Pipe × Valve DN (S)	L	F1	F2	Manually Operated Valve (B400N)				Pneumatically Operated ON-OFF Valve (BPO)					
				Approx. H1	Approx. H2	W1	W2	Actuator: A	Approx. H1	W1	Actuator: B	Approx. H2	W2
15 × 15 (1S × 1S)	130	5.7	11.8	103	103	70	70	07	156	87	07	156	87
25 × 15 (1S × 1S)	160	11.0	14.5	112	109	80	70	09	186	102	07	162	87
25 × 25 (1S × 1S)	160	11.0	15.5	112	116	80	80	09	186	102	09	190	102
40 × 15 (1.5S × 1S)	200	14.7	20.9	142	114	100	70	12	207	138	07	167	87
40 × 25 (1.5S × 1S)	200	14.7	21.9	142	125	100	80	12	207	138	09	199	102
40 × 40 (1.5S × 1.5S)	200	14.7	21.9	145	147	100	100	12	209	138	12	211	138
50 × 15 (2S × 1S)	230	14.0	26.9	154	117	125	70	16	246	183	07	170	87
50 × 25 (2S × 1S)	230	14.0	27.9	154	130	125	80	16	246	183	09	204	102
50 × 40 (2S × 1.5)	230	14.0	27.9	154	155	125	100	16	246	183	12	220	138
50 × 50 (2S × 2S)	230	14.0	28.4	154	164	125	125	16	246	183	16	256	183