



## Product Code Table

<b>B</b>	<b>2</b>	<b>3</b>	<b>H</b>	<b>KD</b>	<b>4</b>	<b>C</b>	<b>O</b>	<b>VF</b>	<b>C</b>	<b>A</b>	<b>L</b>	<b>EP-316L</b>
Block valve	Number of valves	Number of ports	Port direction V: Vertical H: Horizontal *1	Model KD: KD-type diaphragm valve KCD: KCD-type diaphragm valve RD: High-pressure diaphragm valve	Size 2: 1/8" 4: 1/4" 8: 1/2"	V1 C: Normally closed O: Normally open *2	V2	Connection V: CVC male VF: CVC female W: Butt weld *3	Seat material C: PCTFE A: PFA P: PI *1	Flow A: flow B: flow *1	Options Port direction Not shown: Standard L: Reversed	Grade + Body material STD-316L Mechanical Polished + SUS316L EP-316L Electro Polished + SUS316L SEP-316LE: Electro Polished + SUS316L

\*1 For the port direction and flow, please refer to Flow direction on P. 22.  
 \*2 In the case where the actuators are the same, there will be one symbol.  
 \*3 In the case where the types of fittings differ, please note them as on P. 22 in the order of Flow direction Ports A, B, and C.  
 Example) For the case of Port A = CVC female, Port B = CVC female, Port C = CVC male, the model will be "VFVFV."

## Dimensions

Unit: inch (mm)

Model	Type	Connection	L	H	H <sub>1</sub>	A	A <sub>1</sub>	B	T <sub>1</sub>	C	W	T	M <sub>1</sub>	P
	B23VKD2 □□-VFC	1/8" CVC Female	3.50 (89.0)	2.20 (56.0)	0.28 (7.0)	1.10 (28.0)	3.86 (98.0)	2.05 (52.0)	0.83 (21.0)	1.79 (45.5)	1.34 (34.0)	0.47 (12.0)	2-M5 Depth 0.20 (5.0)	2-Rc1/8
	B23VKD4 □□-VFC	1/4" CVC Female	4.24 (107.6)	2.78 (70.5)	0.43 (11.0)	1.56 (39.7)	4.72 (120.0)	2.52 (64.0)	1.02 (26.0)	2.12 (53.8)	1.57 (40.0)	0.59 (15.0)	4-M5 Depth 0.20 (5.0)	2-Rc1/8
	B23VKD8 □□-VFC	1/2" CVC Female	5.63 (143.0)	3.88 [3.70] (98.5 [94.0]) *4	0.63 (16.0)	2.17 (55.0)	6.50 [6.14] (165.0 [156.0]) *4	3.82 (97.0)	1.42 (36.0)	2.81 (71.5)	2.36 (60.0)	0.79 (20.0)	4-M5 Depth 0.20 (5.0)	2-Rc1/8
	B23HKD2 □□-VFC	1/8" CVC Female	3.50 (89.0)	2.20 (56.0)	0.28 (7.0)	1.10 (28.0)	3.86 (98.0)	2.05 (52.0)	0.83 (21.0)	1.14 (29.0)	1.34 (34.0)	0.47 (12.0)	2-M5 Depth 0.20 (5.0)	2-Rc1/8
	B23HKD4 □□-VFC	1/4" CVC Female	4.24 (107.6)	2.78 (70.5)	0.43 (11.0)	1.56 (39.7)	4.72 (120.0)	2.52 (64.0)	1.02 (26.0)	1.37 (34.8)	1.57 (40.0)	0.59 (15.0)	4-M5 Depth 0.20 (5.0)	2-Rc1/8
	B23HKD8 □□-VFC	1/2" CVC Female	5.63 (143.0)	3.88 [3.70] (98.5 [94.0]) *4	0.63 (16.0)	2.17 (55.0)	6.50 [6.14] (165.0 [156.0]) *4	3.82 (97.0)	1.42 (36.0)	1.61 (41.0)	2.36 (60.0)	0.79 (20.0)	4-M5 Depth 0.20 (5.0)	2-Rc1/8

\*4 Dimensions given in parentheses are for the 'normally open' configuration.