



Product Code Table

Model	Size	Operation	Valve shape	Connection	Seat material	Flow	Options	Grade + Body material
KD KD-type diaphragm valve	4 2:1/8" 4:1/4" 6:3/8" 8:1/2"	C C: Normally closed O: Normally open	B B: Branched flow	VF V: CVC male VF: CVC female W: Butt weld *3	C C: PCTFE A: PFA P: PI M: Metal (body material)	A A: A flow B: B flow C: C flow *2	Options Not shown: Standard S: With open/close sensor	EP-316L STD-316L : Mechanical Polished + SUS316L EP-316L : Electro Polished + SUS316L SEP-316LE : Electro Polished + SUS316LE

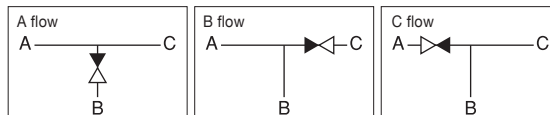
*1 For a metal seat, we can handle only the 1/8" and the 1/4" size. For details please speak with the sales representative.

*2 The branched flow type is to the right of the diagram.

*3 In cases where there are different types of fittings, please note them in the order of Port A, B, and C of the internal flow in the diagram to the right.

Example) In the case where A port = CVC female, B port = CVC female, C port = CVC male, the model will be "VFVFV."

Flow direction



Dimensions

Unit: inch (mm)

Model	Type	Connection	L	H	H ₁	A	B	C	F	P	M	M ₁
	KD2□B-VC	1/8" CVC Male	1.61 (41.0)	2.09 (53.0)	0.28 (7.0)	1.10 (28.0)	0.75 (19.0)	0.75 (19.0)	0.81 (20.5)	Rc1/8	0.67 (17.0)	2-M4 Depth 0.20 (5.0)
	KD4□B-VC	1/4" CVC Male	2.24 (57.0)	2.64 (67.0)	0.43 (11.0)	1.56 (39.7)	1.02 (26.0)	0.98 (25.0)	1.10 (28.0)	Rc1/8	1.00 (25.4)	2-M5 Depth 0.20 (5.0)
	KD8CB-VC	1/2" CVC Male	3.03 (77.0)	3.31 (84.0)	0.63 (16.0)	2.17 (55.0)	1.42 (36.0)	1.42 (36.0)	1.52 (38.5)	Rc1/8	1.10 (28.0)	2-M5 Depth 0.20 (5.0)
	KD8OB-VC		3.03 (77.0)	3.03 (77.0)	0.63 (16.0)	2.17 (55.0)	1.42 (36.0)	1.42 (36.0)	1.52 (38.5)	Rc1/8	1.10 (28.0)	2-M5 Depth 0.20 (5.0)
	KD2□B-VFC	1/8" CVC Female	2.20 (56.0)	2.09 (53.0)	0.28 (7.0)	1.10 (28.0)	0.75 (19.0)	0.75 (19.0)	1.10 (28.0)	Rc1/8	0.67 (17.0)	2-M4 Depth 0.20 (5.0)
	KD4□B-VFC	1/4" CVC Female	2.78 (70.6)	2.64 (67.0)	0.43 (11.0)	1.56 (39.7)	1.02 (26.0)	0.98 (25.0)	1.37 (34.8)	Rc1/8	1.00 (25.4)	2-M5 Depth 0.20 (5.0)
	KD8CB-VFC	1/2" CVC Female	3.27 (83.0)	3.31 (84.0)	0.63 (16.0)	2.17 (55.0)	1.42 (36.0)	1.42 (36.0)	1.63 (41.5)	Rc1/8	1.10 (28.0)	2-M5 Depth 0.20 (5.0)
	KD8OB-VFC		3.27 (83.0)	3.03 (77.0)	0.63 (16.0)	2.17 (55.0)	1.42 (36.0)	1.42 (36.0)	1.63 (41.5)	Rc1/8	1.10 (28.0)	2-M5 Depth 0.20 (5.0)
	KD2□B-WC	1/8" Butt Weld	1.65 (42.0)	2.09 (53.0)	0.28 (7.0)	1.10 (28.0)	0.75 (19.0)	0.75 (19.0)	0.83 (21.0)	Rc1/8	0.67 (17.0)	2-M4 Depth 0.20 (5.0)
	KD4□B-WC	1/4" Butt Weld	2.13 (54.0)	2.64 (67.0)	0.43 (11.0)	1.56 (39.7)	1.02 (26.0)	0.98 (25.0)	1.06 (27.0)	Rc1/8	1.00 (25.4)	2-M5 Depth 0.20 (5.0)
	KD6CB-WC	3/8" Butt Weld	2.72 (69.0)	3.31 (84.0)	0.63 (16.0)	2.17 (55.0)	1.42 (36.0)	1.42 (36.0)	1.36 (34.5)	Rc1/8	1.10 (28.0)	2-M5 Depth 0.20 (5.0)
	KD6OB-WC		2.72 (69.0)	3.03 (77.0)	0.63 (16.0)	2.17 (55.0)	1.42 (36.0)	1.42 (36.0)	1.36 (34.5)	Rc1/8	1.10 (28.0)	2-M5 Depth 0.20 (5.0)
	KD8CB-WC	1/2" Butt Weld	2.72 (69.0)	3.31 (84.0)	0.63 (16.0)	2.17 (55.0)	1.42 (36.0)	1.42 (36.0)	1.36 (34.5)	Rc1/8	1.10 (28.0)	2-M5 Depth 0.20 (5.0)
	KD8OB-WC		2.72 (69.0)	3.03 (77.0)	0.63 (16.0)	2.17 (55.0)	1.42 (36.0)	1.42 (36.0)	1.36 (34.5)	Rc1/8	1.10 (28.0)	2-M5 Depth 0.20 (5.0)