

Branch

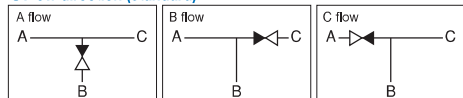


Product Code Table

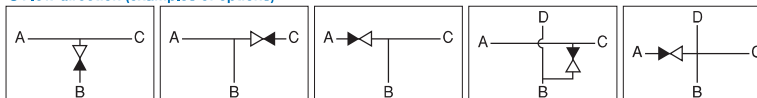
Model	Size	Operation	Valve shape	Connection	Seat material	Flow	Handle color	Grade + Body material
KD	4	M	B	VF	C	A	RD	EP-316L
KD-type diaphragm valve	2:1/8" 4:1/4" 6:3/8" 8:1/2"	270° manual	B: Branch *4	V: CVC male VF: CVC female W: Butt weld *3	C: PCTFE A: PFA P: PI M: Metal (body material) *1	A: A flow B: B flow C: C flow *2	Not shown: Blue (standard) RD: Red WH: White GR: Green PK: Pink SL: Silver YG: Yellow-green BK: Black OR: Orange YE: Yellow PU: Purple BR: Brown	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 1/4" sizes. 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."
 *4 We also can produce non-standard branched flow and four-way valves as options.

●Flow direction (standard)



●Flow direction (examples of options)



Dimension

Unit: inch (mm)

Model	Type	Connection	L	H	H ₁	H ₂	A	B	C	F	M	M ₁	M ₂
	KD2MB-VC	1/8" CVC Male	1.61 (41.0)	2.24 (57.0)	0.28 (7.0)	0.85 (21.5)	0.94 (24.0)	0.75 (19.0)	0.75 (19.0)	0.81 (20.5)	0.67 (17.0)	2-M4 Depth 0.20 (5.0)	M14×1.0
	KD4MB-VC	1/4" CVC Male	2.24 (57.0)	2.68 (68.0)	0.43 (11.0)	1.06 (27.0)	1.65 (42.0)	1.02 (26.0)	0.98 (25.0)	1.10 (28.0)	1.00 (25.4)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD8MB-VC	1/2" CVC Male	3.03 (77.0)	3.19 (81.0)	0.63 (16.0)	1.42 (36.0)	1.65 (42.0)	1.42 (36.0)	1.42 (36.0)	1.52 (38.5)	1.10 (28.0)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD2MB-VFC	1/8" CVC Female	2.20 (56.0)	2.24 (57.0)	0.28 (7.0)	0.85 (21.5)	0.94 (24.0)	0.75 (19.0)	0.75 (19.0)	1.10 (28.0)	0.67 (17.0)	2-M4 Depth 0.20 (5.0)	M14×1.0
	KD4MB-VFC	1/4" CVC Female	2.78 (70.6)	2.68 (68.0)	0.43 (11.0)	1.06 (27.0)	1.65 (42.0)	1.02 (26.0)	0.98 (25.0)	1.37 (34.8)	1.00 (25.4)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD8MB-VFC	1/2" CVC Female	3.27 (83.0)	3.19 (81.0)	0.63 (16.0)	1.42 (36.0)	1.65 (42.0)	1.42 (36.0)	1.42 (36.0)	1.63 (41.5)	1.10 (28.0)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD2MB-WC	1/8" Butt Weld	1.65 (42.0)	2.24 (57.0)	0.28 (7.0)	0.85 (21.5)	0.94 (24.0)	0.75 (19.0)	0.75 (19.0)	0.83 (21.0)	0.67 (17.0)	2-M4 Depth 0.20 (5.0)	M14×1.0
	KD4MB-WC	1/4" Butt Weld	2.13 (54.0)	2.68 (68.0)	0.43 (11.0)	1.06 (27.0)	1.65 (42.0)	1.02 (26.0)	0.98 (25.0)	1.04 (26.5)	1.00 (25.4)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD6MB-WC	3/8" Butt Weld	2.72 (69.0)	3.19 (81.0)	0.63 (16.0)	1.42 (36.0)	1.65 (42.0)	1.42 (36.0)	1.42 (36.0)	1.36 (34.5)	1.10 (28.0)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD8MB-WC	1/2" Butt Weld	2.72 (69.0)	3.19 (81.0)	0.63 (16.0)	1.42 (36.0)	1.65 (42.0)	1.42 (36.0)	1.42 (36.0)	1.36 (34.5)	1.10 (28.0)	2-M5 Depth 0.20 (5.0)	M20×1.0

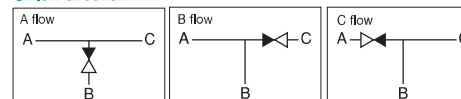


Product Code Table

Model	Size	Operation	Valve shape	Connection	Seat material	Flow	Handle type	Handle color	Grade + Body material
KD	4	Q	B	VF	C	A		RD	EP-316L
KD-type diaphragm valve	2:1/8" 4:1/4" 6:3/8" 8:1/2"	90° manual	B: Branch	V: CVC male VF: CVC female W: Butt weld *3	C: PCTFE A: PFA P: PI M: Metal (body material) *1	A: A flow B: B flow C: C flow *2	Not shown: Standard POC: Push-lock type	Not shown: Blue (standard) BK: Black SL: Silver GR: Green WH: White RD: Red YE: Yellow	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 1/4" size. For details please ask to 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



Unit: inch (mm)

Model	Type	Connection	L	H	H ₁	H ₂	A	B	C	F	M	M ₁	M ₂
	KD2QB-VC	1/8" CVC Male	1.61 (41.0)	2.28 (58.0)	0.28 (7.0)	0.85 (21.5)	1.46 (37.0)	0.75 (19.0)	0.75 (19.0)	0.81 (20.5)	0.67 (17.0)	2-M4 Depth 0.20 (5.0)	M14×1.0
	KD4QB-VC	1/4" CVC Male	2.24 (57.0)	2.87 (73.0)	0.43 (11.0)	1.06 (27.0)	1.93 (49.0)	1.02 (26.0)	0.98 (25.0)	1.10 (28.0)	1.00 (25.4)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD8QB-VC	1/2" CVC Male	3.03 (77.0)	3.39 (86.0)	0.63 (16.0)	1.32 (33.5)	1.93 (49.0)	1.42 (36.0)	1.42 (36.0)	1.52 (38.5)	1.10 (28.0)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD2QB-VFC	1/8" CVC Female	2.20 (56.0)	2.28 (58.0)	0.28 (7.0)	0.85 (21.5)	1.46 (37.0)	0.75 (19.0)	0.75 (19.0)	1.10 (28.0)	0.67 (17.0)	2-M4 Depth 0.20 (5.0)	M14×1.0
	KD4QB-VFC	1/4" CVC Female	2.78 (70.6)	2.87 (73.0)	0.43 (11.0)	1.06 (27.0)	1.93 (49.0)	1.02 (26.0)	0.98 (25.0)	1.37 (34.8)	1.00 (25.4)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD8QB-VFC	1/2" CVC Female	3.27 (83.0)	3.39 (86.0)	0.63 (16.0)	1.32 (33.5)	1.93 (49.0)	1.42 (36.0)	1.42 (36.0)	1.63 (41.5)	1.10 (28.0)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD2QB-WC	1/8" Butt Weld	1.65 (42.0)	2.28 (58.0)	0.28 (7.0)	0.85 (21.5)	1.46 (37.0)	0.75 (19.0)	0.75 (19.0)	0.83 (21.0)	0.67 (17.0)	2-M4 Depth 0.20 (5.0)	M14×1.0
	KD4QB-WC	1/4" Butt Weld	2.13 (54.0)	2.87 (73.0)	0.43 (11.0)	1.06 (27.0)	1.93 (49.0)	1.02 (26.0)	0.98 (25.0)	1.06 (27.0)	1.00 (25.4)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD6QB-WC	3/8" Butt Weld	2.72 (69.0)	3.39 (86.0)	0.63 (16.0)	1.32 (33.5)	1.93 (49.0)	1.42 (36.0)	1.42 (36.0)	1.36 (34.5)	1.10 (28.0)	2-M5 Depth 0.20 (5.0)	M20×1.0
	KD8QB-WC	1/2" Butt Weld	2.72 (69.0)	3.39 (86.0)	0.63 (16.0)	1.32 (33.5)	1.93 (49.0)	1.42 (36.0)	1.42 (36.0)	1.36 (34.5)	1.10 (28.0)	2-M5 Depth 0.20 (5.0)	M20×1.0