







Series
Variation

Pharmaceutical Manufacturing
Process Components

Series name				No. of Ports	Material		Working fluid	Fluid temperature	Working pressure (MPa)	Port size/compatible tube O.D.	Page
					Body	Seal					
Diaphragm Valve	Weir	Air operated	<div>SWD</div> 	2	SUS316L (wetted parts/buff polishing #400 or equiv., electrolytic polishing)	PTFE	Water, pure water, chemical liquid (Fluids that do not corrode wetted part materials)	5 to 90°C (Allowable for 20 minutes or less during steam sterilization of 130°C)	0 to 0.6	Clamp fitting: 8 A to 50 A *ISO ferrule	4
		Manual	<div>MWD</div> 	2					0 to 0.6	Clamp fitting: 8 A to 50 A *ISO ferrule	8
		Flow rate control type	<div>SWD-T</div> 	2						Clamp fitting: 8 A to 40 A *ISO ferrule	16
	Poppet	Air operated	<div>SPD</div> 	2					0 to 0.3	Clamp fitting: 8 A, 15 A *ISO ferrule	32
Pinch valve		Air operated	<div>HYA</div> 	2	-	-	-	0 to 40°C (no freezing)	0 to 0.1 ^{Note}	Applicable tube bore 1/8" to 9/16" (ø3 to ø15)	38
		Solenoid type	<div>HYN</div> 	2, 3	-	-	-	5 to 50°C	0 to 0.05 (Tube O.D. ø3, ø5) 0 to 0.02 (tube O.D. ø8) ^{Note}	Applicable tube bore ø3, ø5, ø8	42

Note: The maximum working pressure varies by tube, so confirm the specifications of the tube in use.