

			Model	No. of Ports	Material		Fluid					
					Seal	Body	Pure water	Normal saline	Reagent	Waste liquid	Cleaning solution	
Solenoid valve	Metal-free	Diaphragm	MR10R	2/3	FKM	PEEK	●	●	●	●	●	
			MR16	2/3	FKM EPDM	PEEK	●	●	●	●	●	
			MKB3	2	FKM EPDM	PPS	●	●	●	●	●	
			MAB1	2	PTFE	PTFE	●	●	●	●	●	
			MAG1	3	PTFE	PTFE	●	●	●	●	●	
			MYB1	2	FKM	PPS	●	●	●	●	●	
			MYG1	3	FKM	PPS	●	●	●	●	●	
			MYB2	2	FKM	PPS	●	●	●	●	●	
			MYG2	3	FKM	PPS	●	●	●	●	●	
			MYB3	2	FKM	PPS	●	●	●	●	●	
			MYG3	3	FKM	PPS	●	●	●	●	●	
			MEB2	2	PTFE FFKM	PPS	●	●	●	●	●	
			MEG2	3	PTFE FFKM	PPS	●	●	●	●	●	
			MJB3	2	FKM	PPS PSU	●	●	●	●	●	
			EMB21	2	PTFE	SUS316 PTFE	● ●	 ●	 ●	 ●	 ●	
			EMB41/51	2	PTFE	PTFE	●	●	●	●	●	
		Lever Type	HMTB1	2	NBR FKM	PPS	●	●	●		●	
			HMTG1	3	EPDM		●	●	●		●	
	High corrosion resistance	Poppet	USB2/3	2	NBR FKM	PPS	●					
			USG2/3	3	NBR FKM	PPS	●					
			UMB1	2	FKM	SUS304 or equiv.	●					
			UMG1	3	FKM	SUS304 or equiv.	●					
			HB	2	NBR FKM PTFE	SUS316	●					
		General purpose	USB2/3	2	NBR (FKM)	C3604 SUS304						
			USG2/3	3	NBR (FKM)	C3604 SUS304						
pinch Valve	Metal-free	HYN	2/3	-	-	●	●	●	●	●		

Note: Check the compatibility between working fluid and body/sealant materials when selecting.

Orifice size (mm)																				Page
	0.5	0.9	1	1.2	1.5	1.6	1.8	2	2.3	3	3.2	4	5	6	7	8	10	12	15	
			●																	10
						●														15
					●															21
						● 1.6 Equivalent														25
						● 1.6 Equivalent														25
								● 2.0 Equivalent												28
								● 2.0 Equivalent												28
										● 3.0 Equivalent										31
										● 3.0 Equivalent										31
														● 5.0 Equivalent						35
														● 5.0 Equivalent						35
										● 3.0 Equivalent										38
										● 3.0 Equivalent										38
										●										41
										●										43
														●		●	●	●	●	45
						●														49
						●														49
			●			●			●											53
			●		●	●														53
		●																		57
		●																		57
			●		●	●			●	●	●	●			●					59
			●	●	●	●	●		●		●									63
			●	●	●		●	●												67
			● Tube Bore size							● Tube Bore size				● Tube Bore size						71