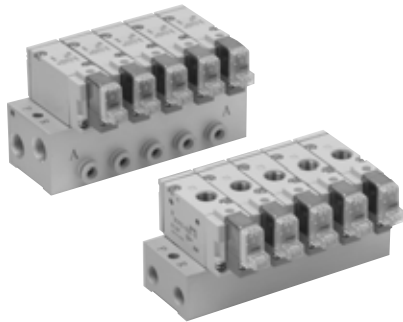


Series SYJ700

Manifold Specifications



Manifold Specifications

Model	For internal pilot	Type 20	Type 21	Type 40	Type 41	Type 42
	For external pilot	—	Type 21R	—	Type 41R	Type 42R
Manifold type		Single base/B mount				
P (SUP), R (EXH)		Common SUP, common EXH				
Valve stations		2 to 20 stations				
A port Porting specifications	Location	Valve	Valve	Base	Base	Base
	Direction	Top	Top	Bottom	Bottom	Side
	P, R port	1/8	1/4	1/8	1/4	1/4
Port size	A port	1/8	1/8	1/8	1/8	1/8 C6 (ø6 one-touch fitting) C8 (ø8 one-touch fitting)
	X port ^{Note)}	—	M5	—	M5	M5



Note) Only for external pilot

Flow Characteristics

Manifold			Port size		Flow characteristics							
					1→2 (P→A)				2→3 (A→R)			
			1(P), 3(R) port	2(A) port	C [dm ³ /(s·bar)]	b	Cv	Q[l/min(ANR)]*	C [dm ³ /(s·bar)]	b	Cv	Q[l/min(ANR)]*
Body ported for internal pilot	Type SS3YJ7-20	SYJ7□2	1/8	1/8	2.2	0.34	0.55	574	2.3	0.27	0.59	574
	Type SS3YJ7-21		1/4	1/8	2.2	0.39	0.59	594	2.4	0.32	0.62	618
Base mounted for internal pilot	Type SS3YJ7-40	SYJ7□4	1/8	1/8	2.1	0.35	0.59	552	2.3	0.27	0.54	574
	Type SS3YJ7-41		1/4	1/8	2.2	0.35	0.59	578	2.4	0.36	0.66	635
	Type SS3YJ7-42-01		1/4	1/8	2.0	0.27	0.47	499	2.2	0.32	0.56	567
	Type SS3YJ7-42-C6		1/4	C6	1.6	0.32	0.39	412	2.2	0.27	0.54	549
Body ported for external pilot	Type SS3YJ7-42-C8	SYJ7□2R	1/4	C8	2.1	0.24	0.51	515	2.3	0.31	0.59	589
	Type SS3YJ7-21R		1/4	1/8	2.2	0.34	0.55	574	2.4	0.32	0.62	618
Base mounted for external pilot	Type SS3YJ7-41R	SYJ7□4R	1/4	1/8	2.2	0.35	0.59	578	2.4	0.36	0.66	635
	Type SS3YJ7-42R-01		1/4	1/8	2.0	0.27	0.47	499	2.2	0.32	0.56	567
	Type SS3YJ7-42R-C6		1/4	C6	1.6	0.32	0.39	412	2.2	0.27	0.54	549
	Type SS3YJ7-42R-C8		1/4	C8	2.1	0.24	0.51	515	2.3	0.31	0.59	589



Note) Value at manifold base mounted, 2 position single operating.

*These values have been calculated according to ISO 6358 and represent the flow rate measured in standard conditions at an upstream pressure of 0.6MPa (relative pressure) and a differential pressure of 0.1MPa.

How to Order Manifold (Example)

Instruct by specifying the valves and blanking plate assembly to be mounted on the manifold along with the manifold base model no.

(Example)

SS3YJ7-20-03-Q 1 set (manifold base) SS3YJ7-42R-03-01-Q 1 set (manifold base)

* SYJ712-5LZ-01-Q 2 sets (valve) * SYJ714R-5G-Q 2 sets (valve)

* SYJ700-10-1A-Q 1 set (blanking plate assembly)* SYJ700-10-2A-Q 1 set (blanking plate assembly)

→ The asterisk denotes the symbol for assembly. Prefix it to the part nos. of the solenoid valve, etc.