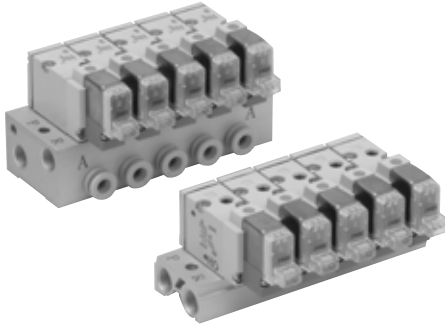


Series SYJ500 Manifold Specifications

Manifold Specifications



Model	For internal pilot	Type 20	Type 40	Type 41
	For external pilot	Type 21R	Type 40R	Type 41R
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	Base	
	Direction	Top	Bottom	Side
Port size	P, R port	1/8	1/8	1/8
	A port	M5	M5 1/8	M5 x 0.8, 1/8, C4 (One-touch fitting for ø4), C6 (One-touch fitting for ø6)
	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 SS3YJ5-20	SYJ5□2	1/8	M5	0.47	0.43	0.13	131	0.74	0.32	0.19	191
	Type SS3YJ5-40-M5	SYJ5□4	1/8	M5	0.71	0.52	0.21	212	0.81	0.28	0.20	203
Base mounted for internal pilot	Type SS3YJ5-40-01		1/8	1/8	0.98	0.36	0.25	259	0.92	0.24	0.22	226
	Type SS3YJ5-41-M5		1/8	M5	0.71	0.49	0.20	207	0.80	0.23	0.19	195
	Type SS3YJ5-41-01		1/8	1/8	1.0	0.37	0.26	266	0.96	0.25	0.24	237
	Type SS3YJ5-41-C4		1/8	C4	0.68	0.35	0.17	179	1.0	0.25	0.24	247
	Type SS3YJ5-41-C6		1/8	C6	1.0	0.27	0.25	250	1.0	0.30	0.26	254
Body ported for external pilot	Type SS3YJ5-21R	SYJ5□2R	1/8	M5	0.47	0.43	0.13	131	0.74	0.32	0.19	191
	Type SS3YJ5-40R-M5	SYJ5□4R	1/8	M5	0.71	0.52	0.21	212	0.81	0.28	0.20	203
Base mounted for external pilot	Type SS3YJ5-40R-01		1/8	1/8	0.98	0.36	0.25	259	0.92	0.24	0.22	226
	Type SS3YJ5-41R-M5		1/8	M5	0.71	0.49	0.20	207	0.80	0.23	0.19	195
	Type SS3YJ5-41R-01		1/8	1/8	1.0	0.37	0.26	266	0.96	0.25	0.24	237
	Type SS3YJ5-41R-C4		1/8	C4	0.68	0.35	0.17	179	1.0	0.25	0.24	247
	Type SS3YJ5-41R-C6		1/8	C6	1.0	0.27	0.25	259	1.0	0.30	0.26	254

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)

SS3YJ5-20-03-Q 1 set (manifold base) SS3YJ5-41R-03-C6-Q 1 set (manifold base)

* SYJ512-5LZ-M5-Q 2 sets (valve) SYJ514R-5G-Q 2 sets (valve)

* SYJ500-10-1A-Q 1 set (blanking plate assembly) SYJ500-10-3A-Q 1 set (blanking plate assembly)

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