

Manifold Specifications

Model	SS5Y3-20	SS5Y5-20	SS5Y7-20
Applicable valve	SY3□20	SY5□20	SY7□20
Manifold type	Single base/B mount		
P (SUP)/R (EXH)	Common SUP, Common EXH		
Valve stations	2 to 20 stations (Note)		
A, B port location	Valve		
Port size	P, EA, EBport	1/8	1/4
	A, B port	M5×0.8 C4(One-touch fitting for Φ4) C6(One-touch fitting for Φ6)	1/8 C4(One-touch fitting for Φ4) C6(One-touch fitting for Φ6) C8(One-touch fitting for Φ8)
			1/4 C8(One-touch fitting for Φ8) C10(One-touch fitting for Φ10)

Note: For more than 10 stations (more than 5 stations in case of SS5Y7), supply pressure to P port on both sides and exhaust from EA/EB port on both sides.

Flow Rate Characteristics

Model	Port size		Flow rate characteristics					
	1,5,3 (P,EA,EB)	4,2 (A,B)	1→4/2(P→A/B)			4/2→5/3(A/B→EA/EB)		
			C{dm³/(s·bar)}	b	Cv	C{dm³/(s·bar)}	b	Cv
SS5Y3-20	1/8	C6	0.72	0.29	0.18	0.80	0.36	0.21
SS5Y5-20	1/4	C8	1.9	0.28	0.48	2.2	0.20	0.53
SS5Y7-20	1/4	C10	3.6	0.31	0.93	3.6	0.27	0.88

Note: The value is for manifold base with 5 stations and individually operated 2 position type.

How to Order Manifold

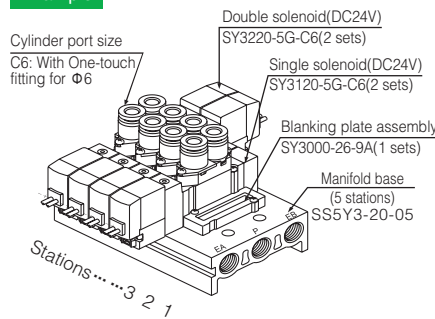
SS5Y 5 20 05

Manifold series	Stations
3 SY3000	02 2 stations
5 SY5000
7 SY7000	20 20stations

※ This also includes the number of blanking plate assemblies.

How to Order Manifold Assembly (Example)

Example

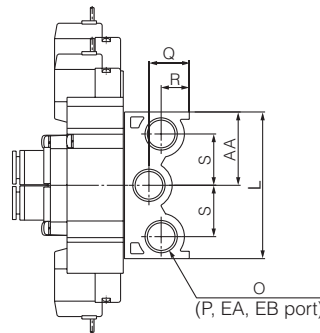
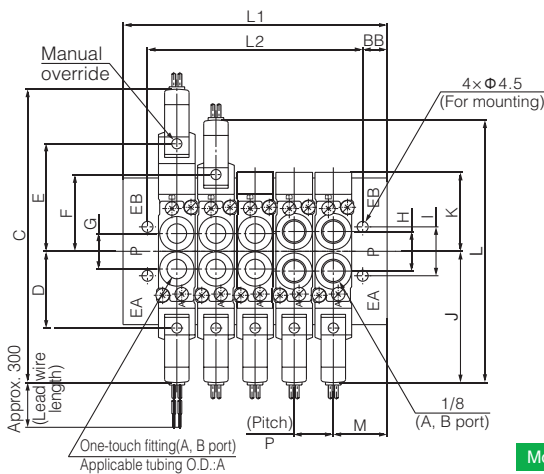


SS5Y3-20-05... 1 set (Type 20, 5-station manifold base part no.)
 * SY3000-26-9A... 1 set (Blanking plate assembly part no.)
 * SY3120-5G-C6... 2 sets (Single solenoid part no.)
 * SY3220-5G-C6... 2 sets (Double solenoid part no.)
 → The asterisk denotes the symbol for assembly. Prefix it to the part nos. of the solenoid valve, etc.

Add the valve and option part number under the manifold base part number. In the case of complex arrangement, specify them on the manifold specification sheet.

Dimensions

Grommet (G) SS5Y□-20-Stations



N: Stations (up to 20 Stations)

Model	L1=	L2=
SS5Y3	40+10.5(n-2)	L1-9.5
SS5Y5	60+16(n-2)	L1-20
SS5Y7	55+19(n-2)	L1-9

Model	A	B	C	D	E	F	G	H	I	J	K	L
SS5Y3	Φ4, Φ6	4.75	97.3[101.7]	22.2	30.7	22.2	10.2	16	16	44.4[46.6]	23.5	88.8[93.2]
SS5Y5	Φ4, Φ6, Φ8	10	119.8[124.2]	31.4	44	31.4	14.5	20	20	53.6[55.8]	32.3	107.2[111.6]
SS5Y7	Φ8, Φ10	4.5	134.4[138.8]	38.5	51.5	38.5	19	21	21	60.7[62.9]	39.4	121.4[125.8]

Model	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB
SS5Y3	14.7	M5×0.5	1/8	10.5	12.5	12.5	16.5	23.5	49	3.2	54.1	33.6	20	49[56]	23.5	4.75
SS5Y5	22	1/8	1/4	16	16.5	11.5	21	30	60	4.9	67.4	39.7	26.5	59.5	30	10
SS5Y7	19.25	1/4	1/4	19	16.5	11.5	21	30	60	5.5	74.6	43.1	26.5	67	30	4.5

Note: [] is the situation of AC voltage.

