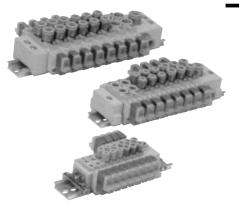
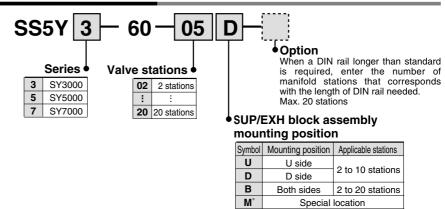


Series SY3000/5000/7000 **Body Ported Manifold Cassette Type**

How to Order Manifold

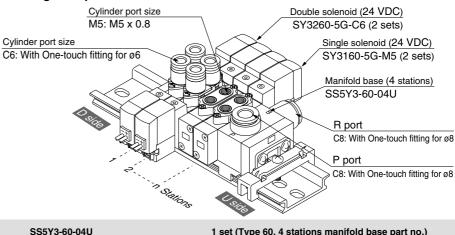




For special specifications, indicate separately on the manifold specification sheet.

How to Order Valve Manifold Assembly

Ordering example



- * SY3260-5G-C6 * SY3160-5G-M5
- 1 set (Type 60, 4 stations manifold base part no.)
- 2 sets (Double solenoid part no.) 2 sets (Single 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.

Manifold Specifications

Model		SS5Y3-60 SS5Y5-60		SS5Y7-60	
Applic	cable valve	SY3□60	SY3□60 SY5□60		
Manifold type		Stacking type/DIN rail mounted			
P (SUP)/R (EXH)			Common SUP/Common EXH		
Valve stations			2 to 20 stations Note 1)		
A, B port location		Valve			
	P, R port	C8 (One-touch fitting for ø8)	C10 (One-touch fitting for ø10)	C12 (One-touch fitting for ø12)	
Port size	A, B port	M5 x 0.8 C4 (One-touch fitting for Ø4) C6 (One-touch fitting for Ø6)	1/8 C4 (One-touch fitting for ø4) C6 (One-touch fitting for ø6) C8 (One-touch fitting for ø8)	1/4 C8 (One-touch fitting for Ø8) C10 (One-touch fitting for Ø10)	
Manifold base weight W (g) ^{Note 2)} (n: Number of SUP/EXH blocks, m: Weight of DIN rail)		W = 13n + m + 36	W = 41.2n + m + 77.6	W = 65.4n + m + 128.2	



Note 1) In cases such as those where many valves are operated simultaneously, use "-[station]B (SUP/EXH block on both sides)" (both sides SUP/EXH), applying pressure to the P ports on both sides and exhausting from the R ports on both sides.

Note 2) For DIN rail weight, refer to page 1-4-72.

Flow Characteristics

	Port size		Flow characteristics						
Model	1, 5/3	4, 2	$1 \rightarrow 4/2(P \rightarrow A/B)$			4/2	$4/2 \rightarrow 5/3(A/B \rightarrow R)$		
	(P, R)	(A, B)	C (dm ³ /(s·bar))	b	Cv	C (dm ³ /(s·bar))	b	Cv	
		M5	0.55	0.29	0.14	0.72	0.24	0.18	
SS5Y3-60	C8	C4	0.57	0.24	0.14	0.71	0.20	0.17	
		C6	0.68	0.28	0.17	0.77	0.24	0.19	
	C10	1/8	1.8	0.24	0.44	2.1	0.17	0.47	
SS5Y5-60		C6	1.5	0.30	0.37	2.0	0.16	0.46	
		C8	1.8	0.20	0.45	2.2	0.17	0.50	
		1/4	3.7	0.25	0.96	3.8	0.19	0.94	
SS5Y7-60	C12	C8	3.2	0.26	0.81	4.0	0.18	0.96	
		C10	3.7	0.28	0.98	4.1	0.19	1.0	



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



SV

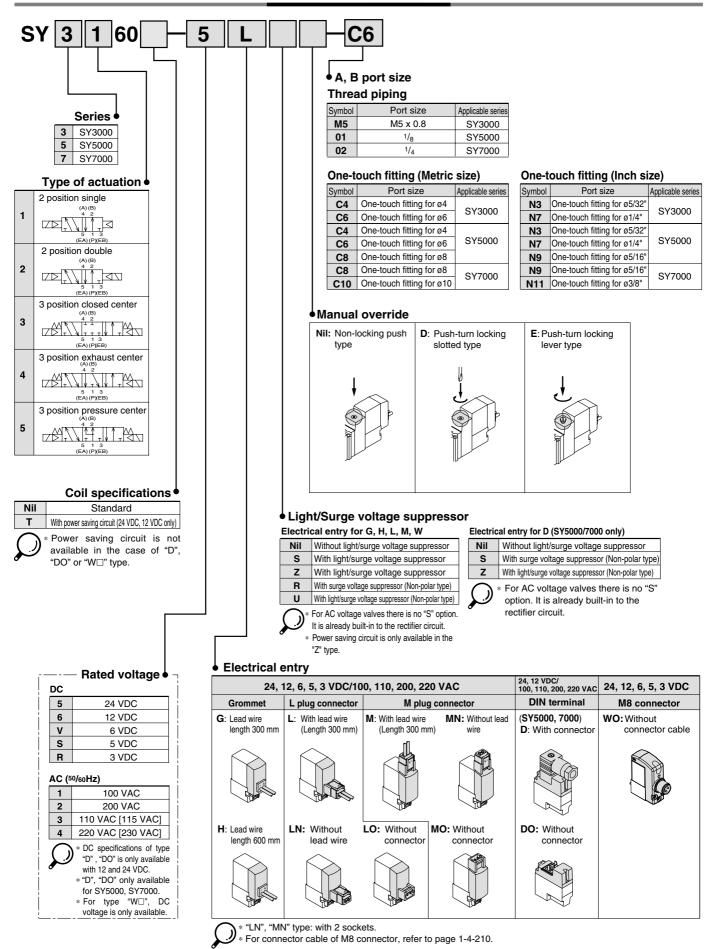
SZ

SYJ

SX



How to Order Valves



Specifications

S	eries	SY3000	SY5000	SY7000	
Fluid		Air			
Internal pilot	2 position single		0.15 to 0.7		
Operating pressure	2 position double		0.1 to 0.7		
range (MPa)	3 position		0.2 to 0.7		
Ambient and flu	uid temperature (°C)		Max. 50		
Max. operating	2 position double	10	5	5	
frequency (Hz)	3 position	3	3	3	
Manual overr (Manual oper		Non-locking push type, Push-turn locking slotted type, Push-turn locking lever type			
Pilot exhaust	method	Common exhaust type for main and pilot valve			
Lubrication		Not required			
Mounting pos	sition	Unrestricted			
Impact/Vibrati	on resistance Note)	150/30			
Enclosure		Dustproof (* DIN terminal, M8 connector conforms to IP65)			

Note) Impact resistance:

No malfunction occurred when it is tested with a drop tester in the axial direction and at the right angles to the main valve and armature in both energized and de-energized states every once for each condition.

Vibration resistance: No malfunction occurred in a one-sweep test between 45 and 2000 Hz.

Test was performed at both energized and de-energized states in the axial direction and at the right angles to the main valve and armature. (Values in the initial stage)

* Based on IEC529

Solenoid Specifications

Electrical ent	ry		Grommet (G), (H) L plug connector (L) M plug connector (M) DIN terminal (D) M8 connector (W)
Coil rated	DC		24 ,12 ,6 ,5 ,3
voltage (V)	AC 5	50/60Hz	*220, 200, 110, 200
Allowable vo	ltage 1	fluctuation (%)	±10% of rated voltage
Power consumption	DC	Standard	0.35 [With indicator light: 0.4 (DIN terminal with indicator light: 0.45)]
(W)		With power saving circuit	0.1 (With indicator light only)
		100V	1.4 (With indicator light: 1.5)
Apparent power* VA		110V [115V]	1.6 (With indicator light: 1.7) [1.7 (With indicator light: 1.8)]
power vA	AC	200V	2.3 (With indicator light: 2.4)
		220V [230V]	2.5 (With indicator light: 2.6) [2.7 (With indicator light: 2.8)]
Surge voltag	e sup	pressor	Diode (Varistor is for DIN terminal and non-polar)
Indicator ligh	t		LED (AC of DIN connector is neon bulb.)



- * In common between 110 VAC and 115 VAC, and between 220 VAC
- * For 115 VAC and 230 VAC, the allowable voltage is -15% to 5% of rated voltage.

Response Time



Note) Based on dynamic performance test, JIS B 8375-1981. (Coil temperature: 20°C, at rated voltage)

SY3000

	Type of actuation	Response time (ms) (at the pressure of 0.5 MPa)			
		Without surge voltage	With surge voltage suppressor		
		suppressor	S, Z type	R, U type	
	2 position single	12 or less	15 or less	12 or less	
	2 position double	10 or less	13 or less	10 or less	
	3 position	15 or less	20 or less	16 or less	

SY5000

Type of actuation	Response time (ms) (at the pressure of 0.5 MPa)				
	Without surge voltage	With surge voltage suppressor			
	suppressor	S, Z type	R, U type		
2 position single	19 or less	26 or less	19 or less		
2 position double	18 or less	22 or less	18 or less		
3 position	32 or less	38 or less	32 or less		

SY7000

Type of actuation	Response time (ms) (at the pressure of 0.5 MPa)				
	Without light/surge	With light/surge voltage suppressor			
	voltage suppressor	S, Z type	R, U type		
2 position single	31 or less	38 or less	33 or less		
2 position double	27 or less	30 or less	28 or less		
3 position	50 or less	56 or less	50 or less		



SZ

SYJ



Weight

Series SY3000

	Type of actuation		Port size	Weight (g)		
Valve model			A, B	Grom- met	L, M plug connector	M8 Connector
	2	Single		49	51	55
	position	Double		70	73	81
SY3□60-□-M5		Closed center	M5 x 0.8			
	3 position	Exhaust center		73	76	84
		Pressure center				
	2 position	Single		62	61	65
		Double	C4	80	83	91
SY3□60-□-C4	3 position	Closed center	(One-touch			
		Exhaust center	fitting for ø4	82	86	94
		Pressure center				
	2	Single		55	57	61
	position	Double	C6	76	79	87
SY3□60-□-C6		Closed center	/ One-touch \			
	3	Exhaust center	(fitting for ø6)	78	82	90
	position	Pressure center				



Note) []: Denotes normal position.

Series SY5000

			Port size		Weigh	nt (g)	
Valve model	Туре	e of actuation	A, B	Grom- met	L, M plug connector	DIN terminal	M8 Connec- tor
	2	Single		67	69	90	71
	position	Double		91	94	136	102
SY5□60-□-01		Closed center	1/8				
	3 position	Exhaust center		97	100	142	108
	poomon	Pressure center					
	2 position	Single		91	93	114	97
		Double	C4	113	116	158	124
SY5□60-□-C4	3 position	Closed center	One-touch				
		Exhaust center	fitting for ø4	119	122	164	130
		Pressure center					
	2 position	Single		86	88	109	92
		Double	C6	108	111	153	119
SY5□60-□-C6		Closed center	One-touch				
	3 position	Exhaust center	fitting for ø6	114	117	159	125
	position	Pressure center					
	2	Single		78	80	101	84
	position	Double	C8	100	103	145	111
SY5□60-□-C8		Closed center	/ One-touch \				
	3 position	Exhaust center	fitting for ø8	106	109	151	117
		Pressure center					

Series SY7000

	Type of actuation		Port size		Weigh	nt (g)	
Valve model			A, B	Grom- met	L, M plug connector	DIN terminal	M8 Connec- tor
	2	Single		103	105	126	109
	position	Double		125	128	170	136
SY7□60-□-02		Closed center	1/4				144
	3 position	Exhaust center		133	136	178	
		Pressure center					
	2	Single		138	139	160	143
	position	Double	C8	160	163	205	171
SY7□60-□-C8		Closed center	One-touch				
	3 position	Exhaust center	fitting for ø8	168	171	213	179
	position	Pressure center					
	2	Single		123	125	146	129
	position	Double	C10	145	149	191	157
SY7□60-□-C10		Closed center	/ One-touch \				
	3 position	Exhaust center	fitting for ø10	153	157	199	165
		Pressure center					

How to Order Pilot Valve Assembly

V111

specifications

Nil

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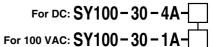
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How to Order Connector Assembly for L/M Plug Connector



For 200 VAC: SY100-30-2A-

For other voltages of AC: SY100 - 30 - 3A-

Without lead wire: SY100-30-A Only connector and sockets (x 2 pcs.)

Lead wire length

Nil	300 mm
6	600 mm
10	1000 mm
15	1500 mm
20	2000 mm
25	2500 mm
30	3000 mm
50	5000 mm

SV

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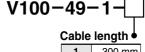
SYJ

SX

115	G		
Coil •		Light/	Surge voltage suppressor
		Nil Wi	thout light/surge voltage suppressor
Standard: DC specifications		S Wit	th surge voltage suppressor
Standard: AC specifications		Z Wit	th light/surge voltage suppressor
With power saving circuit		R Wit	h surge voltage suppressor (Non-polar type)
(24 VDC, 12 VDC only)		U With	n light/surge voltage suppressor (Non-polar type)
Power saving circuit is not available in the case of "D", "DO" or "W□" type.		alr * Fo	r AC voltage valves there is no "S" option. It is eady built-in to the rectifier circuit. r "R" and "U", DC voltage is only available. wer saving circuit is only available in the "Z'
Rated voltage	_	typ	e.
24 VDC	. ↓ F	lectrical er	ntrv
12 VDC	G		
6 VDC	H		rommet, 300 mm lead wire
5 VDC		G	rommet, 600 mm lead wire With lead wire
3 VDC	L	L plug	
100 VAC 50/60 Hz	LN	connector	Without lead wire
200 VAC 50/60 Hz	LO		With Land wine
110 VAC 50/60 Hz	M	M plug	With lead wire
[115 VAC 50/60 Hz]	MN	connector	Without lead wire
220 VAC 50/60 Hz	MO		Without connector
[230 VAC 50/60 Hz]	W0	M8 connector	Without connector cable
* For type "W□", Do			nnector cable of M8 connector, refer to 1-4-210.

How to Order M8 Connector Cable

■ Straight type

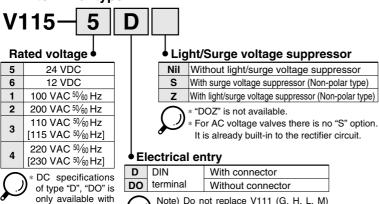


Dubic	iciigiii •
1	300 mm
2	500 mm
3	1000 mm
4	2000 mm
7	5000 mm

■ DIN terminal type

voltage is only available.

12 and 24 VDC.



Note) Do not replace V111 (G. H. L. M) to V115 (DIN terminal) and vice versa when replacing pilot valve assembly only.

How to Order Port Block Assembly

A, B port size • Thread piping

Symbol	Port size	Applicable series
M5	M5 x 0.8	SY3000
01	1/8	SY5000

One-touch fitting (Metric size)

Symbol	Port size	Applicable series
C4	One-touch fitting for ø4	SY3000
C6	One-touch fitting for ø6	313000
C4	One-touch fitting for ø4	
C6	One-touch fitting for ø6	SY5000
C8	One-touch fitting for ø8	

One-touch fitting (Inch size)

Symbol	Port size	Applicable series
N3	One-touch fitting for ø5/32"	SY3000
N7	One-touch fitting for ø1/4"	313000
N3	One-touch fitting for ø5/32"	
N7	One-touch fitting for ø1/4"	SY5000
N9	One-touch fitting for ø5/16"	

Series SY7000 SY7000—13A—C8

A, B port size • Thread piping

Symbo	Port size	Applicable series
02	1/4	SY7000

One-touch fitting (Metric size)

Syn	nbol	Port size	Applicable series
С	8	One-touch fitting for ø8	SY7000
C.	10	One-touch fitting for ø10	317000

One-touch fitting (Inch size)

	<u> </u>	
Symbol	Port size	Applicable series
N9	One-touch fitting for ø5/16"	SY7000
N11	One-touch fitting for ø3/8"	317000

How to Change Port Block Assembly

Connecting port size of A and B can be changed by replacing port block assembly mounted on body. When changing block assembly, correct screw torque must be achieved to avoid trouble; e.g. air leakage.

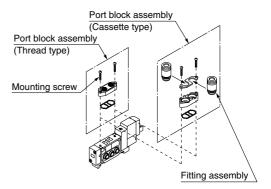
With the one-touch fitting port block assembly, it is only necessary to change the fitting and not the whole block. Refer to following part numbers.

One-touch fitting (Metric size)

Port size	Fitting assembly part no.	Applicable series
One-touch fitting for ø4	VVQ1000-50A-C4	SY3000
One-touch fitting for ø6	VVQ1000-50A-C6	313000
One-touch fitting for ø4	VVQ1000-51A-C4	
One-touch fitting for ø6	VVQ1000-51A-C6	SY5000
One-touch fitting for ø8	VVQ1000-51A-C8	
One-touch fitting for ø8	VVQ2000-51A-C8	SY7000
One-touch fitting for ø10	VVQ2000-51A-C10	317000

One-touch fitting (Inch size)

to to to			
Port size	Fitting assembly part no.	Applicable series	
One-touch fitting for ø5/32"	VVQ1000-50A-N3	SY3000	
One-touch fitting for ø1/4"	VVQ1000-50A-N7	313000	
One-touch fitting for ø5/32"	VVQ1000-51A-N3		
One-touch fitting for ø1/4"	VVQ1000-51A-N7	SY5000	
One-touch fitting for ø5/16"	VVQ1000-51A-N9		
One-touch fitting for ø1/4"	VVQ2000-51A-N9	SY7000	
One-touch fitting for ø3/8"	VVQ2000-51A-N11	517000	



△ Caution

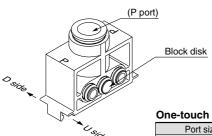
Mounting screw tightening torques

SY3000(M2): 0.12 N·m SY5000, 7000 (M3): 0.6 N·m

* Refer to "How to Change Port Block Assembly" for part numbers.

Manifold Option

■ Individual SUP block assembly

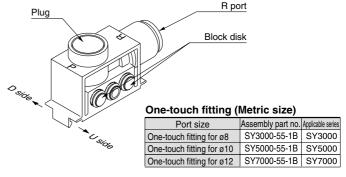


Port size	Assembly part no.	Applicable series
One-touch fitting for ø6	SY3000-54-2C	SY3000
One-touch fitting for ø8	SY3000-54-1C	313000
One-touch fitting for ø10	SY5000-54-1C	
One-touch fitting for ø12	SY7000-54-1C	SY7000

One-touch fitting (Inch size)

Port size	Assembly part no.	Applicable series		
One-touch fitting for ø5/16"	SY3000-54-3C	SY3000		
One-touch fitting for ø3/8"	SY5000-54-2C	SY5000		
One-touch fitting for ø3/8"	SY7000-54-3C	SY7000		

■ Individual EXH block assembly



One-touch fitting (Inch size)

One-touch fitting (inch size)										
Port size	Assembly part no.	Applicable series								
One-touch fitting for ø5/16"	SY3000-55-2B	SY3000								
One-touch fitting for ø3/8"	SY5000-55-2B	SY5000								
One-touch fitting for ø3/8"	SY7000-55-3B	SY7000								

SV

SZ



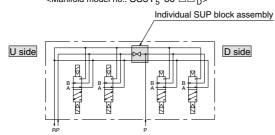
SYJ

SX

[When supplying the manifold with 2 different supply pressures.]

Specify arrangement of individual SUP block assembly on the manifold specification sheet. (When using SS5Y \square -60- \square D, block disk is assembled on D side.)

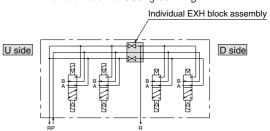
<Manifold model no.: SS5Y₅-60-□□_D>



[When 2 different EXH passages are required.]

Specify arrangement of individual EXH block assembly on the manifold specification sheet. (When using SS5Y□-60-□□D, block disk is assembled on D side.)

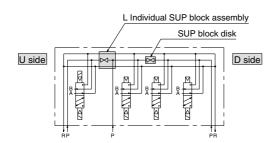
<Manifold model no.: SS5Y₅³-60-□□_D^U>



[When a different supply pressure is required for only a middle valve.]

Specify arrangement of individual SUP block assembly and SUP block disk on the manifold specification sheet.

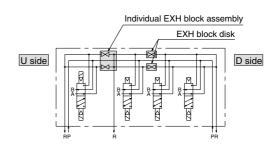
(Applicable manifold model no.: SS5Y□-60-□□B)



[When a separate exhaust passage is needed on only a middle valve.]

Specify arrangement of individual EXH block assembly and EXH block disk on the manifold specification sheet.

(Applicable manifold model no.: SS5Y□-60-□□B)



Manifold Option

■ SUP block disk

By installing a SUP block disk in the pressure supply passage of a manifold valve, it is possible to supply two or more different high and low pressures to one manifold. (This is the same block disk used with the individual SUP block assembly.)



Series	Part no.				
SY3000	SY3000-52-2A				
SY5000	SY5000-52-4A				
SY7000	SY7000-70-2A				

■ EXH block disk

By installing an EXH block disk in the exhaust passage of a manifold valve, it is possible to divide the valve's exhaust so that it does not affect another valve. (Two blocking disks are needed to separate both EXH passages. It is the same block disk that is used in the individual EXH block assembly.)



Series	Part no.					
SY3000	SY3000-52-2A					
SY5000	SY5000-52-4A					
SY7000	SY7000-70-2A					

■ Label for block disk

The labels shown below are used on manifold stations containing SUP/EXH block disk(s) to show their location. (3 pcs. each)

VZ3000-123-1A

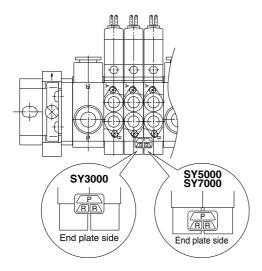
Label for SUP block disk Label for EXH block disk Label for SUP/EXH block disk





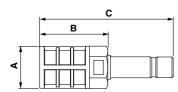


* When a block disk is concurrently ordered by specifying on the manifold specification sheet, etc., a label will be stuck on the position where block disk is mounted.



■ Silencer with One-touch fitting

The silencer plugs directly into the One-touch fittings of the manifold.



Series	Model	Effective area	Α	В	С
SY3000 (for ø8)	AN203-KM8	14 mm ²	ø16	26	51
SY5000 (for ø10)	AN200-KM10	26 mm ²	ø22	54	80.8
313000 (for Ø10)	AN300-KM10	30 mm ²	ø25	70	97
SY7000 (for ø12)	AN300-KM12	41 mm ²	ø25	70	98

■ Plug (white)

These are inserted in unused cylinder ports and SUP, EXH ports.

Purchasing order is available in units of 10 pieces.

Dimensions

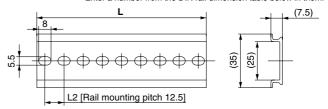
Applicable fittings size ød	Model	Α	L	D
4	KQ2P-04	16	32	6
6	KQ2P-06	18	35	8
8	KQ2P-08	20.5	39	10
10	KQ2P-10	22	43	12
12	KQ2P-12	24	45.5	14
5/32"	KQ2P-03	16	32	6
1/4"	KQ2P-07	18	35	8.5
5/16"	KQ2P-09	20.5	39	10
3/8"	KQ2P-11	22	43	11.5

■ DIN Rail Dimensions/Weight for SY3000/5000

VZ1000-11-1-

Refer to the L dimension tables

* Enter a number from the DIN rail dimension table below in them.



No.	0	1	2	3	4	5	6	7	8	9
L dimension	98	110.5	123	135.5	148	160.5	173	185.5	198	210.5
Weight (g)	17.6	19.9	22.1	24.4	26.6	28.9	31.1	33.4	35.6	37.9
No.	10	11	12	13	14	15	16	17	18	19

L aimension	223	235.5	248	260.5	2/3	285.5	298	310.5	323	335.5
Weight (g)	40.1	42.4	44.6	46.9	49.1	51.4	53.6	55.9	58.1	60.4
No.	20	21	22	23	24	25	26	27	28	29

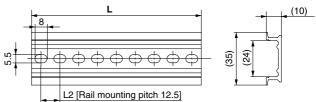
No.	20	21	22	23	24	25	26	27	28	29
L dimension	348	360.5	373	385.5	398	410.5	423	435.5	448	460.5
Weight (g)	62.6	64.9	67.1	69.4	71.6	73.9	76.1	78.4	80.6	82.9

■ DIN Rail Dimensions/Weight for SY7000

VZ1000-11-4-

• Refer to the L dimension tables

* Enter a number from the DIN rail dimension table below in them.



No.	0	1	2	3	4	5	6	7	8	9
L dimension	98	110.5	123	135.5	148	160.5	173	185.5	198	210.5
Weight (g)	24.8	28	31.1	34.3	37.4	40.6	43.8	46.9	50.1	53.3
No.	10	11	12	13	14	15	16	17	18	19

No.	10	11	12	13	14	15	16	17	18	19
L dimension	223	235.5	248	260.5	273	285.5	298	310.5	323	335.5
Weight (g)	56.4	59.6	62.7	65.9	69.1	72.2	75.4	78.6	81.7	84.9

No.	20	21	22	23	24	25	26	27	28	29
L dimension	348	360.5	373	385.5	398	410.5	423	435.5	448	460.5
Weight (g)	88	91.2	94.4	97.5	100.7	103.9	107	110.2	113.3	116.5

Note) For DIN rail mounting, refer to page 1-4-210.



SV

SZ

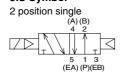
SYJ

SX

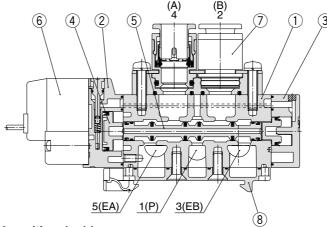
Construction

Series SY

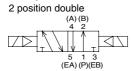
JIS Symbol



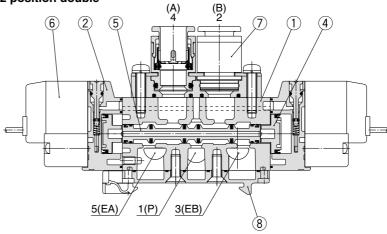
2 position single



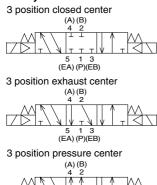
JIS Symbol



2 position double

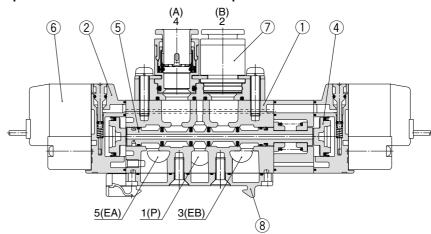


JIS Symbol



5 1 3 (EA) (P)(EB)

3 position closed center/exhaust center/pressure center



(This figure shows a closed center type.)

Component Parts

Com	Component Parts											
No.	Description	Material	Note									
1	Body	Aluminum die-casted SY3000: Zinc die-casted	White									
2	Adapter plate	Resin	White									
3	End plate	Resin	White									
4	Piston	Resin	_									
(5)	Spool valve assembly	Aluminum/NBR	_									

Replacement Parts

	No.	Description	Part no.			
	6	Pilot valve assembly	Refer to "How to Order Pilot Valve Assembly" on page 1-4-69.			
	7	Port block assembly	Refer to "How to Order Port Block Assembly" on page1-4-70.			
	(8)	Bottom cover	SY3000-41-2A (with screw, gasket)			
	•	assembly Note)	SY5000-41-2A (with screw, gasket)			

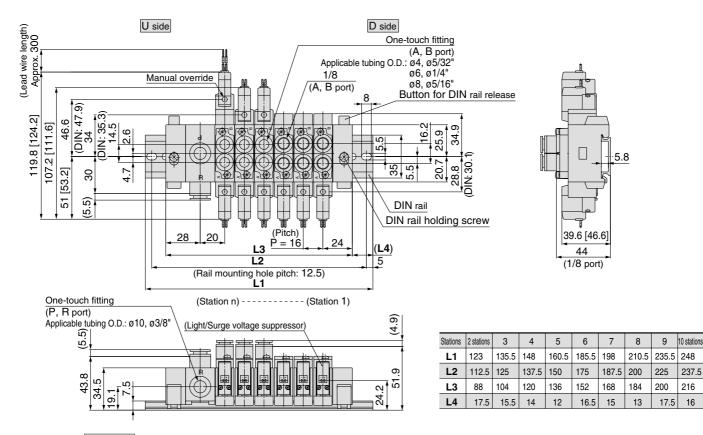
Note) There is no bottom cover assembly available for SY7000.



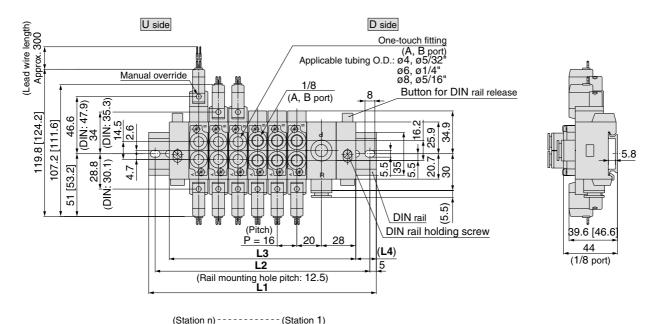
Dimensions (mm)

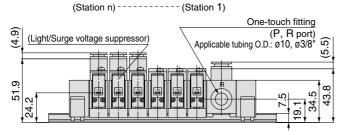
₽[]: AC

SS5Y5-60- Stations U



SS5Y5-60- Stations D





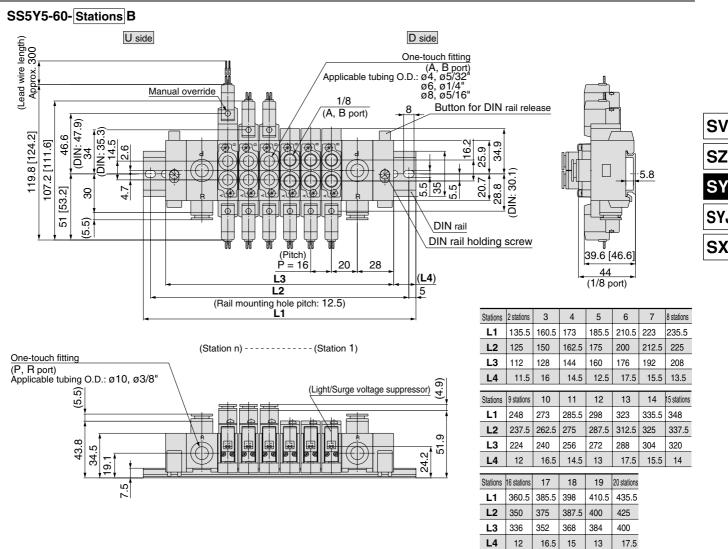
Stations	2 stations	3	4	5	6	7	8	9	10 stations
L1	123	135.5	148	160.5	185.5	198	210.5	235.5	248
L2	112.5	125	137.5	150	175	187.5	200	225	237.5
L3	88	104	120	136	152	168	184	200	216
L4	17.5	15.5	14	12	16.5	15	13	17.5	16

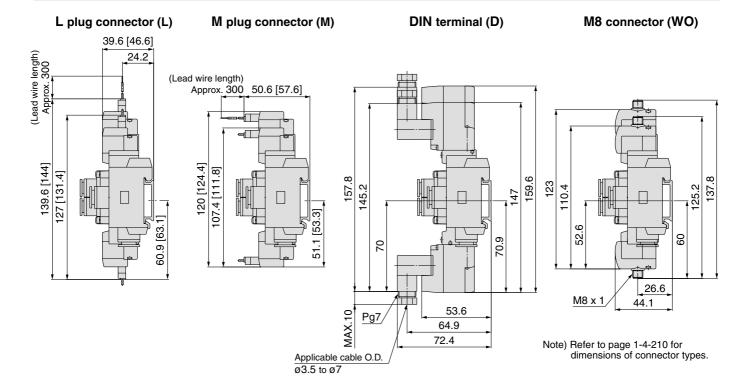


SZ

SYJ

SX



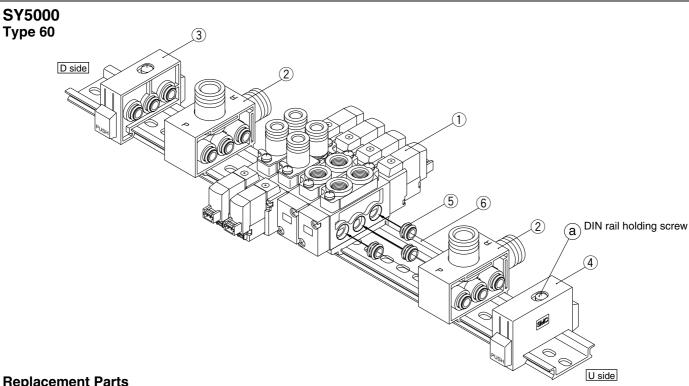


SV

SZ

SYJ

SX



nep	replacement raits							
No.	Description	Part no.	Note					
1	Valve	SY5□60-□□-□	□ at the end of part number denotes A. B port size: 01, C4, C6, C8, N3, N7, N9. Includes bushing assembly (SY5000-52-1A) 3 pcs.					
2	SUP/EXH block assembly	SY5000-55-1A	P, R port (1: One-touch fitting for ø10, 2: One-touch fitting for ø3/8") Includes bushing assembly (SY5000-52-1A) 3 pcs.					
3	End block assembly	SY5000-56-1A	For D side (Bushing assembly: Not available for SY5000-52-1A)					
4	End block assembly	SY5000-56-1B	For U side (Bushing assembly: Not available for SY5000-52-1A)					
(5)	Bushing assembly	SY5000-52-1A						
6	DIN rail	VZ1000-11-1-□	Refer to page 1-4-72.					

How to Increase Additional Valves to the DIN Rail Valves can be added at any station on the rail.



2 Separate the valves at the point where more valves are to be added.

3 Mount the additional valves on the DIN rail as shown in Fig. (1).

4 Connect them together while pressing the block assemblies toward each others, and tighten the holding screw (a) to fix them to the DIN rail.

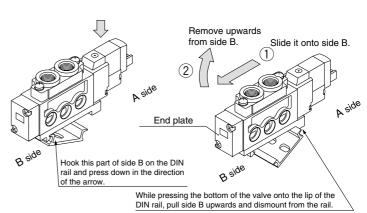
⚠ Caution

Tightening torque SY3000: 1 N·m SY5000: 1.4 N·m

(While lightly holding the blocks after fixing an end block on one side, tighten the other end block for better sealing after no gap between valves is confirmed.)

- Bushing assembly must be seated properly to each valve block in order to prevent air leaks from occurring.
- Refer to the Fig. (2) when dismounting the valve from the DIN rail.





 \triangle Caution When clamping screw (a) of the end block is not sufficiently tightened during reassembly, air leakage may result. Before supplying air, check that there are no gaps between valves and that the end block is firmly secured to the DIN rain in order to ensure air supply without leakage.

