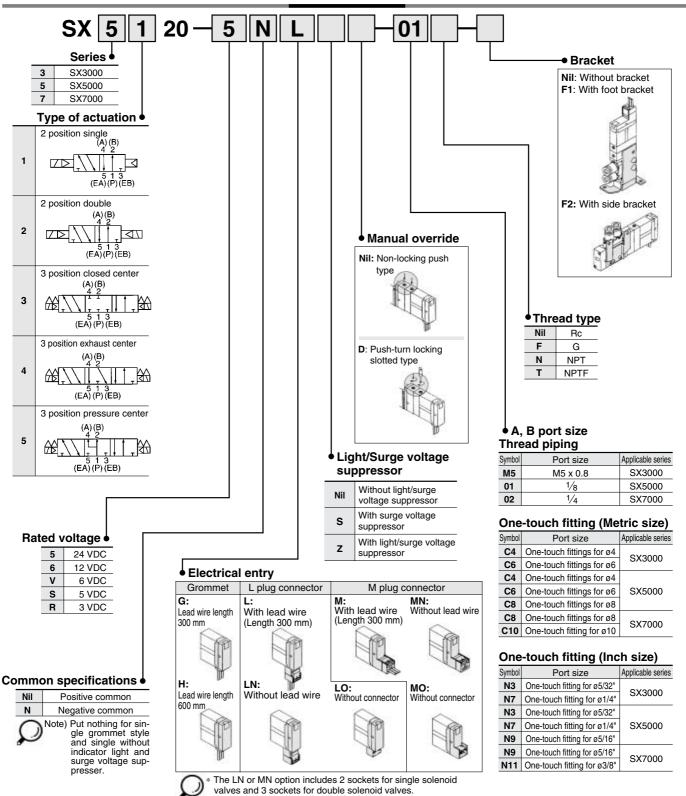


How to Order





Specifications

Se	ries	SX3000	SX5000	SX7000	
Fluid		Air			
Internal pilot	2 position single	0.15 to 0.7			
Operating pressure range	2 position double	0.1 to 0.7			
(MPa)	3 position		0.2 to 0.7		
Ambient and fluid temp	Ambient and fluid temperature (°C)		Max. 50		
Max. operating	2 position single, double	10	5	5	
frequency (Hz)	3 position	3	3	3	
Manual override		Non-locking push type, Push-turn locking slotted type			
Pilot exhaust method		Common exhaust type for main and pilot valve			
Lubrication		Not required			
Mounting orientation		Unrestricted			
Impact/Vibration resist	ance (m/s²)Note)	150/30			
Enclosure		Dusttight			
143 0203					

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. (Values at the initial period)

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 at the initial period)

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Made to Order Specifications (For details, refer to pages 1-6-124 to 1-6-138.)

Solenoid Specifications

Electrical entry		Grommet (G)/(H), L plug connector (L), M plug connector (M)	
Coil rated voltage (V)	DC	24, 12, 6, 5, 3	
Allowable voltage fluctuation		±10% of rated voltage	
Power consumption (W)	DC	0.6 (With indicator light: 0.65)	
Surge voltage suppressor Indicator light		Diode	
		LED	

Response Time



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

SX3000

	Response time (ms) (at the pressure of 0.5 MPa)			
Type of actuation		With light/surge voltage suppressor		
	voltage suppressor	S, Z type		
2 position single	12 or less	15 or less		
2 position double	10 or less	13 or less		
3 position	15 or less	20 or less		

SX5000

	Response time (ms) (at the pressure of 0.5 MPa)			
Type of actuation		With light/surge voltage suppressor		
	voltage suppressor	S, Z type		
2 position single	19 or less	26 or less		
2 position double	18 or less	22 or less		
3 position	32 or less	38 or less		

SX7000

	Response time (ms) (at the pressure of 0.5 MPa)			
Type of actuation		With light/surge voltage suppressor		
	voltage suppressor	S, Z type		
2 position single	31 or less	38 or less		
2 position double	27 or less	30 or less		
3 position	50 or less	56 or less		



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Series SX3000/5000/7000

Model/Series SX7000

			David	-!		Flow characteristics					Maight (g)									
Valve model	Type of actuation		Port size		$1 \rightarrow 4/2 \ (P \rightarrow A/B)$		$4/2 \rightarrow 5/3 \text{ (A/B} \rightarrow \text{EA/EB)}$		Weight (g)											
valve model			1, 5, 3 (P, EA, EB)	4, 2 (A, B)	C [dm³/(s·bar)]	b	Cv	C [dm³/(s·bar)]	b	Cv	Grommet	L plug connector M plug connector								
	2 position	Single			4.1	0.23	0.93	3.3	0.33	0.81	108	109								
	2 poortion	Double									116	117								
		Closed center			2.9	0.31	0.70	2.4	0.38	0.63										
SX7□20-□-02	3 position	Exhaust center		Rc 1/ ₄	2.5	0.39	0.65	3.4 [2.1]	0.35 [0.38]	0.82 [0.54]	125	126								
		Pressure center			4.3 [2.4]	0.23 [0.32]	0.97 [0.61]	2.2	0.39	0.58										
	0	Single	ouble sed center chaust (EA, EB) Port Rc 1/8	C8 2.6 One-touch	3.2 0.26	0.26	0.77	3.2	0.37	0.82	114	116								
	2 position	Double						0.07		122	124									
		Closed center			2.6	0.24	0.63	2.4	0.31	0.62	131									
SX7□20-□-C8	3 position	Exhaust center			2.4	0.25	0.57	2.6 [1.9]	0.42 [0.46]	0.70 [0.56]		132								
		Pressure center						Port Rc 1/8						3.3 [2.4]	0.28 [0.22]	0.78 [0.57]	2.2	0.34	0.60	
	2 position	Single			3.8	0.26	0.86	3.2	0.34	0.82	110	111								
	'	Double	010							118	119									
		Closed center		C10 (One-touch)	2.8	0.27	0.67	2.4	0.21	0.59										
SX7□20- □-C10		Exhaust			2.5	0.25	0.59	2.7 [2.0]	0.38 [0.38]	0.70 [0.56]										
	3 position _			(fitting for Ø10)				=:: [=:0]	, []	211 2 [0.00]	126	128								
		Pressure center			3.8 [2.4]	0.25 [0.31]	0.89 [0.61]	2.3	0.38	0.61										

Note) []: Denotes normal position.

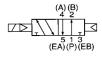


Construction

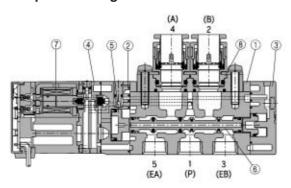
Series SX

JIS Symbol

2 position single

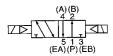


2 position single

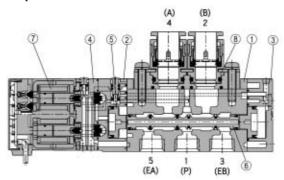


JIS Symbol

2 position double



2 position double



How to Order Connector Assembly for L/M Plug Connector

Positive common specifications

SX100-40-4S For single solenoid: For double solenoid,

3 position:

SX100-40-4D

Negative common specifications SX100-41-4S

For single solenoid: For double solenoid,

SX100-41-4D-

3 position:

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

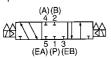


For detailed information on connector assembly, refer to page 1-6-8.

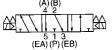
3 position closed center/exhaust center/pressure center

JIS Symbol

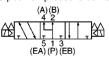
3 position closed center

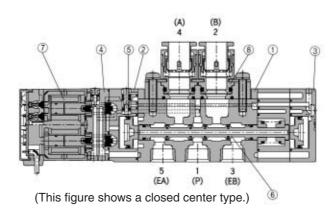


3 position exhaust center (A) (B)



3 position pressure center





Component Parts

No.	Description	Material	Note
1	Body	Aluminum die-casted (SX3000: Zinc die-casted)	White
2	Adapter plate	Resin	White
3	End plate	Resin	White
4	Pilot body	Resin	White
(5)	Piston	Resin	_
6	Spool valve assembly	Aluminum, HNBR	_
7	Molded coil	Resin	Gray

Replacement Parts

No.	Description	Part no.		
8	Port block assembly	See "How to Order Port Block Assembly" on page 1-6-7		

Bracket Assembly No.

Description	Part no.	
Bracket (For F1)	SX $\frac{3}{5}$ 000-16-1A (With mounting screw)	
Bracket (For F2)	SX \$\frac{3}{7}\$000-16-2A (With mounting screw)	



SV

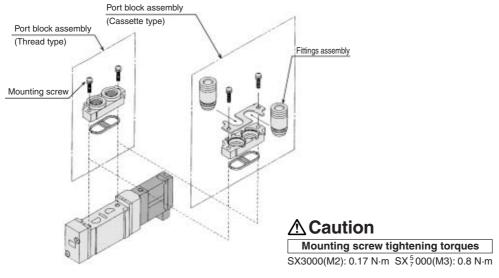
SZ

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How to Change Port Block Assembly

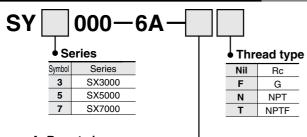
The cylinder port block assembly can easily be changed. When changing block assembly, correct screw torque must be achieved. Cut off the air supply to confirm that no air is left in the manifold before starting operation. Remaining air or inappropriate installation may cause an accident.

For SX5000



* Refer to "How to Order Port Block Assembly" below for parts no.

How to Order Port Block Assembly



A, B port size • Thread piping

	Symbol	Port size	Applicable series
M5		M5 x 0.8	SX3000
	01	1/8	SX5000
	02	1/4	SX7000

One-touch fitting (Metric size)

- · · · · · · · · · · · · · · · · · · ·						
Symbol	Port size	Applicable series				
C4	One-touch fitting for ø4	CV2000				
C6	One-touch fitting for ø6	SX3000				
C4	One-touch fitting for ø4					
C6	One-touch fitting for ø6	SX5000				
C8	One-touch fitting for ø8					
C8	One-touch fitting for ø8	0.77000				
C10	One-touch fitting for ø10	SX7000				

One-touch fitting (Inch size)

	,
Port size	Applicable series
One-touch fitting for ø5/32"	CV2000
One-touch fitting for ø1/4"	SX3000
One-touch fitting for ø5/32"	
One-touch fitting for ø1/4"	SX5000
One-touch fitting for ø5/16"	
One-touch fitting for ø5/16"	SX7000
One-touch fitting for ø3/8"	5A/000
	Port size One-touch fitting for ø5/32" One-touch fitting for ø1/4" One-touch fitting for ø5/32" One-touch fitting for ø1/4" One-touch fitting for ø5/16" One-touch fitting for ø5/16"

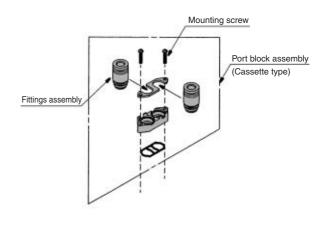
* Only replacement of the fittings assembly is possible.

Metric size

SX3000	One-touch fitting for ø4	VVQ1000-50A-C4
	One-touch fitting for ø6	VVQ1000-50A-C6
	One-touch fitting for ø4	VVQ1000-51A-C4
SX5000	One-touch fitting for ø6	VVQ1000-51A-C6
	One-touch fitting for ø8	VVQ1000-51A-C8
SX7000	One-touch fitting for ø8	VVQ2000-51A-C8
	One-touch fitting for ø10	VVQ2000-51A-C10

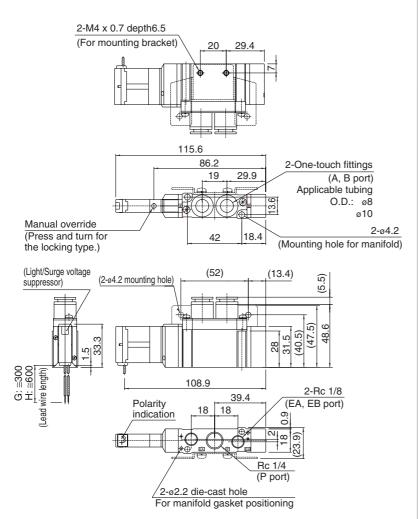
Inch size

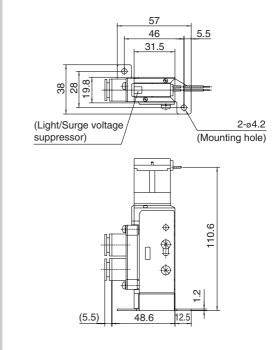
SX3000	One-touch fitting for ø5/32"	VVQ1000-50A-N3
SX3000	One-touch fitting for ø1/4"	VVQ1000-50A-N7
	One-touch fitting for ø5/32"	VVQ1000-51A-N3
SX5000	One-touch fitting for ø1/4"	VVQ1000-50A-N7
	One-touch fitting for ø5/16"	VVQ1000-50A-N9
SX7000	One-touch fitting for ø5/16"	VVQ2000-51A-N9
5A/000	One-touch fitting for ø3/8"	VVQ2000-51A-N11

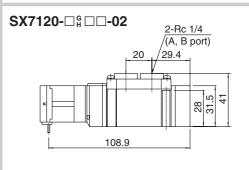


Dimensions: Series SX7000

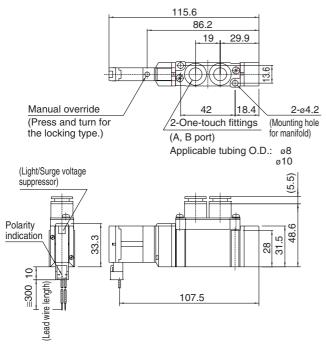
2 position single Grommet (G), (H): SX7120-□ Grownet (G), (H): Gr



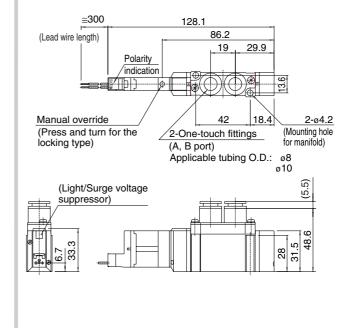




L plug connector (L): SX7120-□L□□-cs c10



M plug connector (M): SX7120-□M□□-c8 c10



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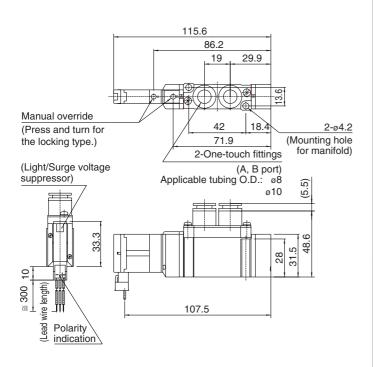
SZ

SY

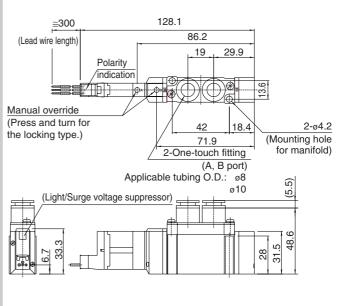
SYJ

2 position double Grommet (G), (H): SX7220- $\square_H^G \square \square$ - C8 (-F2) **Foot bracket** SX7220- - G - C8 - F1 57 115.6 46 5.5 86.2 2-One-touch fittings 31.5 29.9 (A, B port) Applicable tubing O.D.: ø8 ø10 Manual override (Light/Surge 2-ø4.2 2-ø4.2 (Press and turn for the locking type.) voltage suppressor) 18.4 (Mounting hole) (Mounting hole for manifold) 71.9 (5.5)(Light/Surge voltage suppressor) 110.6 \$ (\$) 48. 31.5 28 (5.5)48.6 $\begin{array}{l} G\colon \equiv 300\\ H\colon \equiv 600 \end{array}$ (Lead wire length) 108.9 SX7220-□ G □ □ -02 39.4 2-Rc 1/8 Polarity indication (EA, EB port) 2-Rc 1/4 18 18 0.9 (A, B port) 29.4 8 Rc 1/4 (P port) 2-ø2.2 die-cast hole (Press and turn for the locking type.)

L plug connector (L): SX7220-□L□□- cs c10

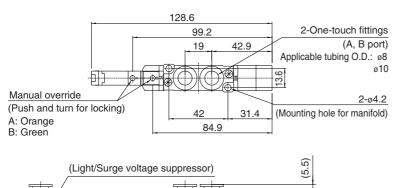


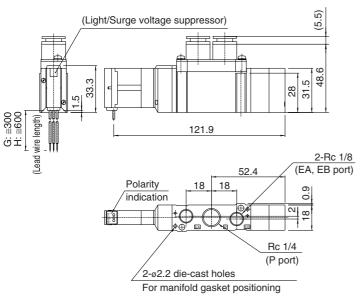
M plug connector (M): SX7220-□M□□-C8010

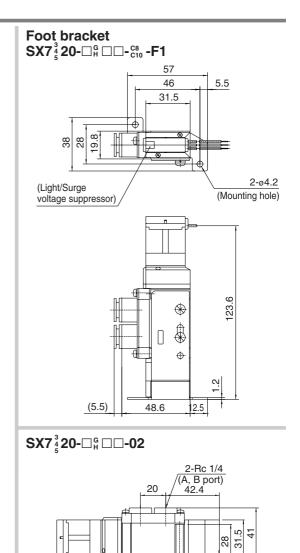


Dimensions: Series SX7000

3 position closed center/exhaust center/pressure center Grommet (G), (H): SX7³/₄ 20-□^G_H □□-^{CS}_{C10} (-F2)

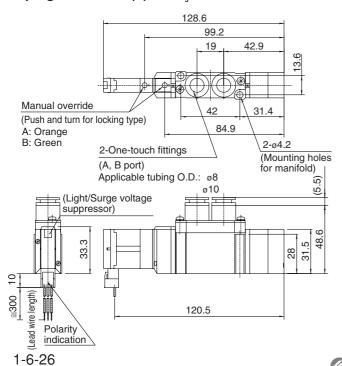




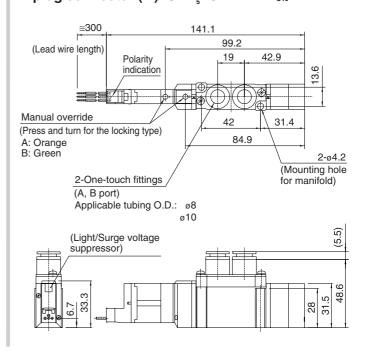


121.9

L plug connector (L): SX7 \(\frac{3}{5} 20 - \subseteq L \subseteq \subseteq \frac{ca}{cto} \)



M plug connector (M): SX7 ³/₄20-□M□□- ^{C8}/_{C10}

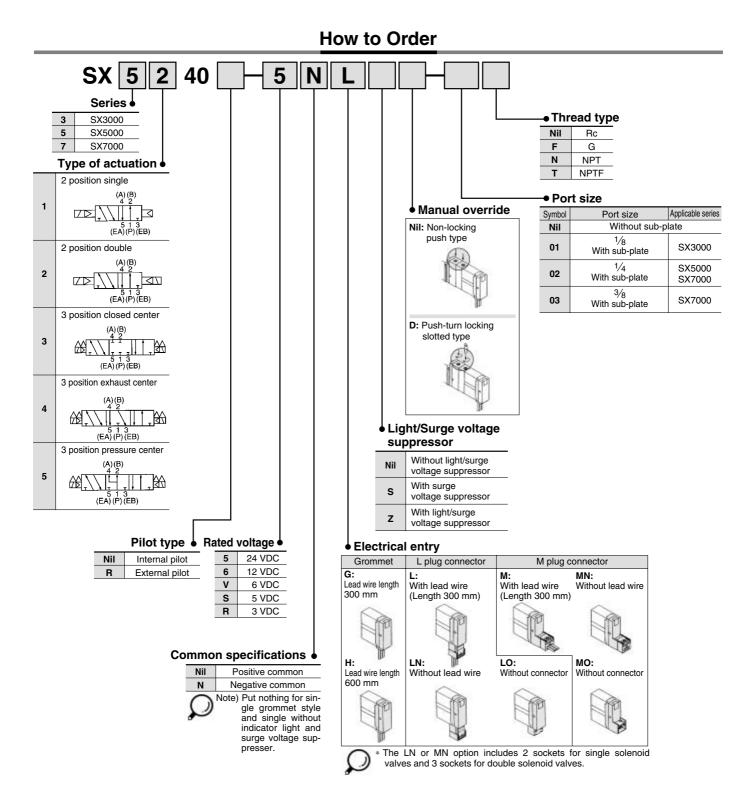






Series SX3000/5000/7000 **Base Mounted**

Valve Single Unit





Made to Order Specifications (For details, refer to pages 1-6-124 to 1-6-138.)

Specifications

Se	ries		SX3000	SX5000	SX7000			
Fluid			Air					
Internal pilot	2 position	single		0.15 to 0.7				
Operating pressure range	2 position	double		0.1 to 0.7				
(MPa)	3 position			0.2 to 0.7				
F	Operating p	ressure range		-100 kPa to 0.7				
External pilot	Pilot	2 position single		0.25 to 0.7				
Operating pressure range (MPa)	pressure	2 position double	0.25 to 0.7					
(IVII a)	range	3 position	0.25 to 0.7					
Ambient and fluid temp	perature (°C	;)	Max. 50					
Max. operating frequency (Hz)	2 position single, double		10	5	5			
wax. operating frequency (frz)	3 position		3	3	3			
Manual override			Non-locking push type, Push-turn locking slotted type					
D''	Internal pilot		Common exhaust type for main and pilot valve					
Pilot exhaust method	External pilot		Pilot valve individual exhaust					
Lubrication			Not required					
Mounting orientation			Unrestricted					
Impact/Vibration resist	ance (m/s²)	Note)	150/30					
Enclosure			Dusttight					
5-2-5-7								

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. (Values at the initial period)

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 at the initial period)

Solenoid Specifications

Electrical entry		Grommet (G)/(H), L plug connector (L), M plug connector (M)
Coil rated voltage (V)	DC	24, 12, 6, 5, 3
Allowable voltage fluctu	ation	±10% of rated voltage
Power consumption (W)	DC	0.6 (With indicator light: 0.65)
Surge voltage suppress	or	Diode
Indicator light		LED

Response Time



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

SX3000

	Response time (ms) (at the pressure of 0.5 MPa)						
Type of actuation		With light/surge voltage suppresso					
	voltage suppressor	S, Z type					
2 position single	12 or less	15 or less					
2 position double	10 or less	13 or less					
3 position	15 or less	20 or less					

SX5000

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					
2 position single	19 or less	26 or less					
2 position double	18 or less	22 or less					
3 position	32 or less	38 or less					

SX7000

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					
2 position single	31 or less	38 or less					
2 position double	27 or less	30 or less					
3 position	50 or less	56 or less					



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Flow Characteristics/Weight

Model/Series SX3000

					Flow characteristics (1)						Maight (g) (2)	
Value model		Type of actuation Port size		1 → 4/2 (P → A/B)			$4/2 \rightarrow 5/3 \text{ (A/B} \rightarrow \text{EA/EB)}$			Weight (g) (2)		
Valve model	Type of actuation F		FOIT SIZE	C [dm³/(s·bar)]	b	Cv	C [dm³/(s·bar)]	b	Cv	Grommet	L plug connector M plug connector	
	2 position	Single Double		1.0	0.30	0.24	1.1	0.30	0.26	100 (66) 108 (74)	101 (67) 110 (75)	
		Closed center		0.77	0.28	0.18	0.85	0.30	0.19			
SX3□40-□-01	3 position	Exhaust center	Rc 1/8	0.73	0.31	0.18	1.1 [0.55]	0.26 [0.52]	0.24 [0.16]	111 (76)	112 (78)	
0 00000	Pressure center			1.2 [0.51]	0.24 [0.45]	0.29 [0.14]	0.89	0.47	0.24	,		



Note 1) []: Denotes the normal position. Note 2) (): Without sub-plate.

Model/Series SX5000

						Maight (a) (2)					
Valve model	Tuno	f actuation	Port size	1 → 4/2 (P → A/B)			$4/2 \rightarrow 5/3 \text{ (A/B} \rightarrow \text{EA/EB)}$			Weight (g) (2)	
valve model	Type of actuation		Port Size	C [dm³/(s·bar)]	b	Cv	C [dm³/(s·bar)]	b	Cv	Grommet	L plug connector M plug connector
	2 position	Single		2.4	0.41	0.64	2.8	0.29	0.66	136 (74)	137 (75)
	2 position	Double		2.7	0.41	0.04	2.0	0.29		144 (82)	145 (83)
		Closed center		1.8	0.47	0.50	1.8	0.40	0.47		
SX5□40-□-02	X5□40-□-02 3 position	Exhaust center	Rc 1/4	1.4	0.55	0.44	3.0 [1.2]	0.33 [0.48]	0.72 [0.37]	149 (87)	151 (89)
		Pressure center		3.3 [0.84]	0.36 [0.60]	0.85 [0.28]	1.8	0.40	0.48	(- /	



Note 1) []: Denotes the normal position. Note 2) (): Without sub-plate.

Model/Series SX7000

				Flow characteristics (1)						\\\ain\bt (n\ (2)	
Valve model	Typo	of actuation	Port size	$1 \rightarrow 4/2 \ (P \rightarrow A/B)$			4/2 → 5/3 (A/B → EA/EB)			Weight (g) (2)	
valve model) ype c	n actuation	FUIT SIZE	C [dm³/(s·bar)]	b	Cv	C [dm³/(s·bar)]	b	Cv	Grommet	L plug connector M plug connector
	2 position	Single Double		4.1	0.41	1.1	4.1	0.29	1.0	222 (100) 229 (107)	223 (101) 231 (109)
		Closed center		3.0	0.43	0.80	2.6	0.41	0.72		
SX7□40-□-02	3 position		Rc ¹ / ₄	2.6	0.42	0.71	4.7 [1.7]	0.35 [0.48]	1.1 [0.49]	238 (116)	240 (118)
		Pressure center		5.3 [2.3]	0.39 [0.49]	1.3 [0.65]	2.2	0.49	0.63		
	2 position	Single Double		4.9	0.29	1.2	4.5	0.27	1.1	222 (100) 229 (107)	223 (101) 231 (109)
0.		Closed center		3.0	0.40	0.80	2.6	0.45	0.73		
SX7□40-□-03	3 position	Exhaust center	Rc 3/8	2.6	0.42	0.71	4.8 [1.7]	0.35 [0.48]	1.1 [0.49]	238 (116)	240 (118)
	Pressure center		5.3 [2.3]	0.31 [0.51]	1.3 [0.64]	2.3	0.45	0.66	200 (110)	, ,	

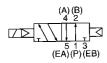


Note 1) []: Denotes the normal position. Note 2) (): Without sub-plate.

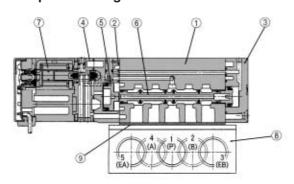
Construction

Series SX

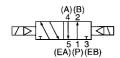
JIS Symbol 2 position single



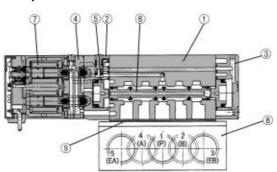
2 position single



JIS Symbol 2 position double



2 position double



How to Order Connector Assembly for L/M Plug Connector

Positive common specifications

SX100-40-4S For single solenoid: For double solenoid, SX100-40-4D 3 position:

Negative common specifications

SX100-41-4S For single solenoid: For double solenoid, SX100-41-4D 3 position:

SV

SZ

SY

SYJ

SX

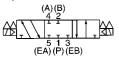
Lead wire length ●						
Leau	wire length •					
Nil	300 mm					
6	600 mm					
10	1000 mm					
15	1500 mm					
20	2000 mm					
25	2500 mm					
30	3000 mm					
50	5000 mm					

For detailed information on connector assembly, refer to page 1-6-8.

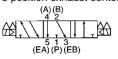
3 position closed center/exhaust center/pressure center

JIS Symbol

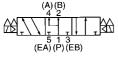
3 position closed center

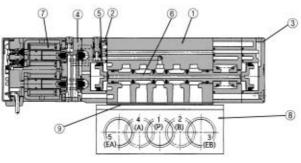


3 position exhaust center



3 position pressure center





(This figure shows a closed center type.)

Component Parts

OUI												
No.	Description	Material	Note									
1	Body	Aluminum die-casted (SX3000: Zinc die-casted)	White									
2	Adapter plate	Resin	White									
3	End plate	Resin	White									
4	Pilot body	Resin	White									
(5)	Piston	Resin	_									
6	Spool valve assembly	Aluminum, HNBR	_									
7	Molded coil	Resin	Gray									

Replacement Parts

- 1						
No.	Description		NI-4-			
INO.	Description	SX3□40	SX5□40	SX7□40	Note	
8	Sub-plate	SY3000-27-1	SY5000-27-1	1/4 Rc: SY7000-27-1 3/8 Rc: SY7000-27-2	Aluminum die-casted	
9	Gasket	SY3000-11-25	SY5000-11-15	SY7000-11-11	HNBR	
_	Round head combination screw	SX3000-22-2 (M2 x 24)	M3 x 30	M4 x 35	For valve mounting (Matt nickel plated)	

⚠ Caution

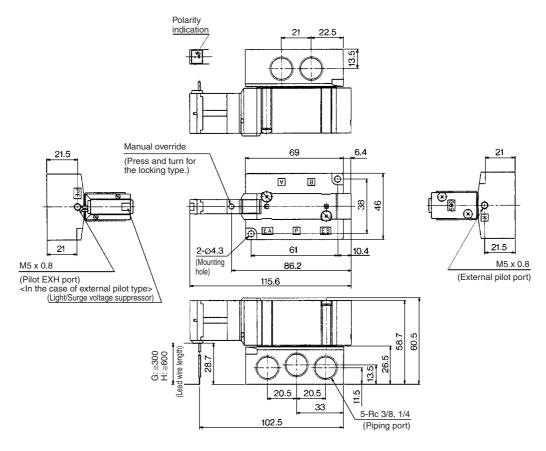
Mounting Screw Tightening Torques M2: 0.17 N·m M3: 0.8 N·m M4: 1.4 N·m

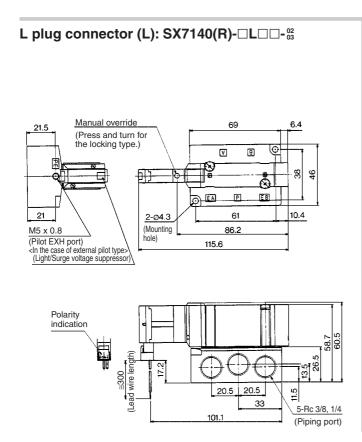


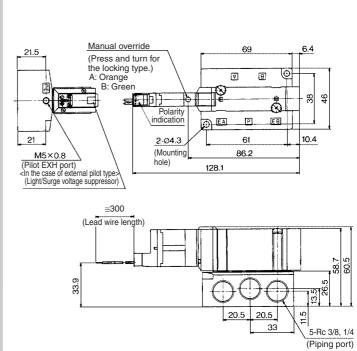
Dimensions: Series SX7000

2 position single

Grommet (G), (H): SX7140(R)-□ 🖁 □ □ - 觉







M plug connector (M): SX7140(R)-□M□□-02 03

SV

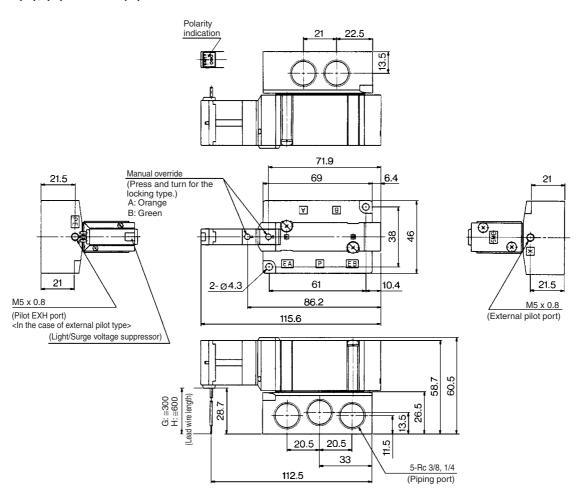
SZ

SY

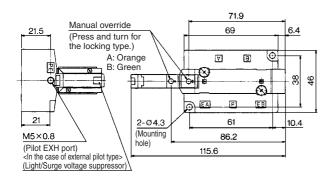
SYJ

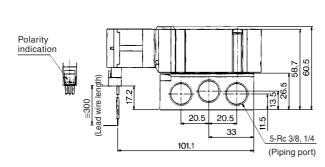
SX

2 position double Grommet (G), (H): SX7240(R)-□^G_H□□-²²₀₃

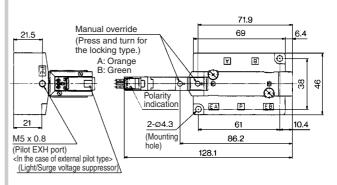


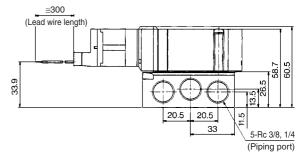
L plug connector (L): SX7240(R)-\(\subseteq\)L\(\subseteq\)-\(\omega\)L\(\omega\)-\(\omega\)





M plug connector (M): SX7240(R)-□M□□-⁰²₀₃

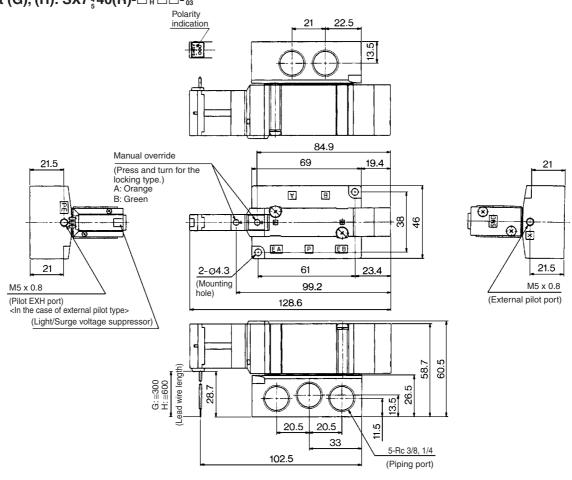




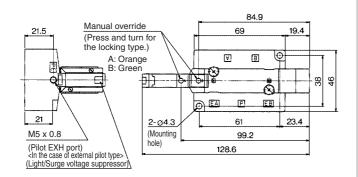


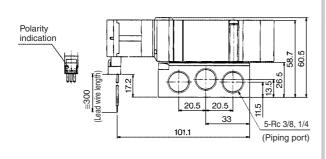
Dimensions: Series SX7000

3 position closed center/exhaust center/pressure center Grommet (G), (H): SX7 $\frac{3}{4}$ 40(R)- \Box $\frac{6}{1}$ 00- $\frac{6}{1}$ 03

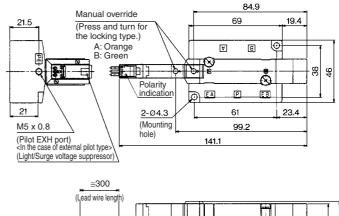


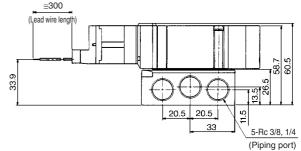
L plug connector (L): SX7³/₄ 40(R)-\(\sigma\)L\(\sigma\)-\(\frac{0}{03}\)





M plug connector (M): $SX7\frac{3}{4}40(R)-\Box M\Box\Box-\frac{02}{03}$

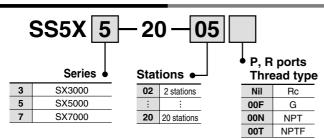






Series SX3000/5000/7000 Body Ported Manifold Bar Stock Type Individual Wiring

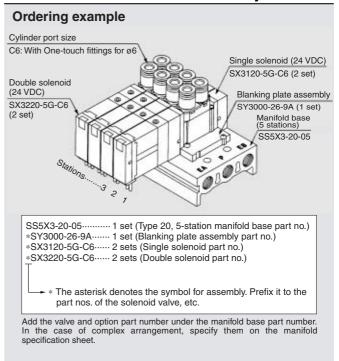
How to Order Manifold



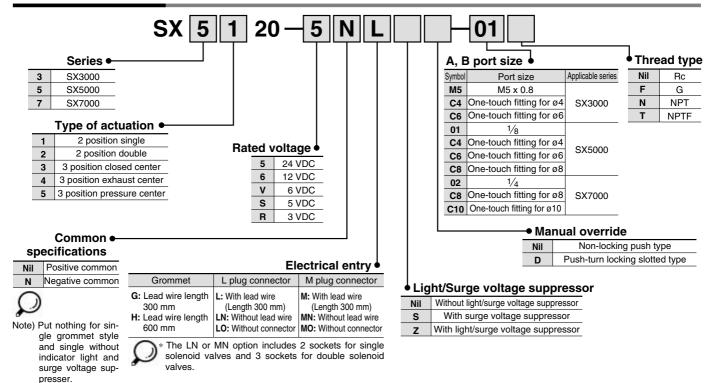


Connector assembly for L and M types Refer to page 1-6-8.
 Common connector assembly for manifold Refer to page 1-6-9.

How to Order Valve Manifold Assembly



How to Order Valves



Manifold Specifications

Mo	del	SS5X3-20	SS5X7-20				
Applicat	ole valve	SX3□20	SX3□20 SX5□20				
Manifold typ	е		Single base/B mount				
P (SUP)/R (I	EXH)	Co	ommon SUP/Common EX	KH			
Valve station	ns Note)		2 to 20 stations				
A, B port loc	ation	Valve					
	P, EA, EB port	Rc 1/8	Rc 1/ ₄	Rc 1/ ₄			
Port size	A, B port	M5 x 0.8 C4 (One-touch fitting for ø4) C6 (One-touch fitting for ø6)	Rc 1/8 C4 (One-touch fitting ø4) C6 (One-touch fitting for ø6) C8 (One-touch fitting for ø8)	Rc 1/4 C8 (One-touch fitting for ø8) C10 (One-touch fitting for ø10)			
Manifold base n: Stations	weight W (g)	W = 19n + 45	W = 43n + 77	W = 51n + 81			

Note) For more than 10 stations, supply pressure to P port on both sides and exhaust from EA and EB port on both sides.

Flow Characteristics

	Port	size	Flow characteristics								
	1011	SIZE	1 →	4/2 (P → A	A/B)	4/2 → 5/3 (A/B → EA/EB)					
Model	1, 5, 3 (P, EA, EB) 4, 2 (A, B)		C [dm³/ (s·bar)]	b	b Cv		C [dm³/ b (s·bar)]				
SS5X3-20	Rc 1/8	1/8 C6		0.29	0.18	0.80	0.36	0.21			
SS5X5-20	Rc 1/4	C8	1.9	0.28	0.48	2.2	0.20	0.53			
SS5X7-20	Rc 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.

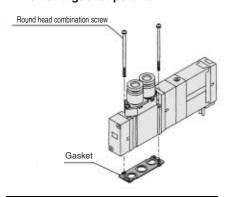
Manifold Option

■ Blanking plate assembly



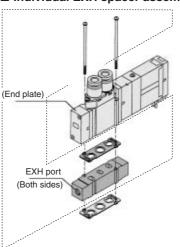
Series	Assembly part no.
SX3000	SY3000-26-9A
SX5000	SY5000-26-20A
SX7000	SY7000-26-22A

■ Bolt and gasket part no.



Series	Round head combination screw	Gasket
SX3000	SX3000-22-2 (M2 x 24)	SY3000-11-24
SX5000	M3 x 30 (Matt nickel plated)	SY5000-11-10
SX7000	M4 x 35 (Matt nickel plated)	SY7000-11-9

■ Individual EXH spacer assembly



Series	Assembly part no.	Port size
SX3000	SX3000-39-1⊪A	M5 x 0.8
SX5000	SX5000-39-1⊮A	1/8
SX7000	SX7000-39-20A	1/4

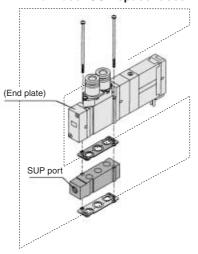
■ Plug

Inserted into an unused cylinder port and SUP/EXH ports. Purchasing order is available in units of 10 pieces.

Dimensions

Applicable fitting 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
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

■ Individual SUP spacer assembly



Series	Assembly part no.	Port size		
SX3000	SX3000-38-1⊮A	M5 x 0.8		
SX5000	SX5000-38-1⊮A	Rc 1/8		
SX7000	SX7000-38-20A	Bc 1/4		

Note) The SUP port may be either on the lead wire side or on

the end plate side. (Factory assembled spacer will be shipped with the orientation shown in the figure.)

* Threa	* Thread type						
Nil	Rc						
F	G						
N	NPT						
Т	NPTF						

SV

SZ

SY

SYJ

SX

⚠ Caution

Mounting Screw Tightening Torques
M2: 0.17 N·m
M3: 0.8 N·m
M4: 1.4 N·m

⚠ Warning

When mounting a valve or spacer on the manifold base or sub-plate, etc., those mounting directions are determined. If mounted in the wrong direction, the equipment to be connected may cause malfunction. Refer to external dimensions in pages 1-6-44 to 1-6-46, and then mount it.

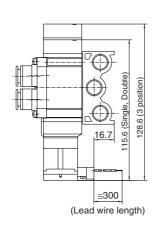




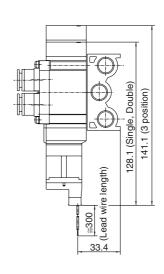
SX7000: SS5X7-20- Stations

Grommet (G) 2n2-One-touch fittings 2n1-Rc 1/4 (A, B port) (A, B port) 6-Rc 1/4 Applicable tubing O.D.: ø8 4-ø4.5 10 (P, EA, EB port) (Mounting hole) 16.5 22.4 20.5 20 62.5 19 8 2 8.9/ 128.6 99.5 30 G: ≅ 300 H: ≅ 600 (Pitch) Manual override Manual override **Individual SUP** P = 19 23.5 (Press and turn for the (Press and turn for the (Lead wire length) spacer mounting size locking type.) locking type.) (SUP port is mounted on the A: Orange **Individual EXH** end plate side of single B: Green spacer mounting size $\widehat{\Omega}$ solenoid.) (Station n) ----- (Station 1) Light/Surge voltage suppressor (5.5)EXH port SUP port % 67 Rc 1/4 'S' (Both sides) 9.5 18.5 9.5 18.5 75.3 58.2 9 67. 56

L plug connector (L)



M plug connector (M)



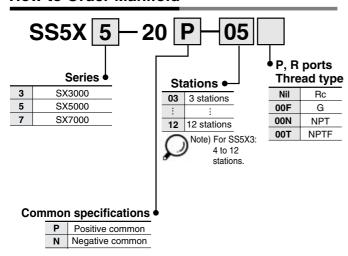
n: Stations (n1	+ n2)
-----------------	-------

Stations n	2 stations	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 stations
L1	66	85	104	123	142	161	180	199	218	237	256	275	294	313	332	351	370	389	408
L2	46	65	84	103	122	141	160	179	198	217	236	255	274	293	312	331	350	369	388

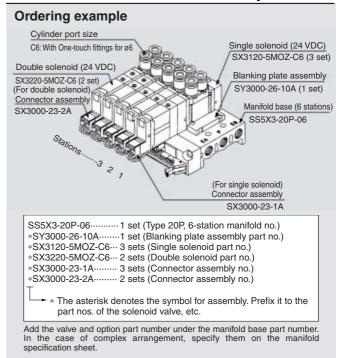


Series SX3000/5000/7000 Body Ported Manifold Bar Stock Type Flat Ribbon Cable

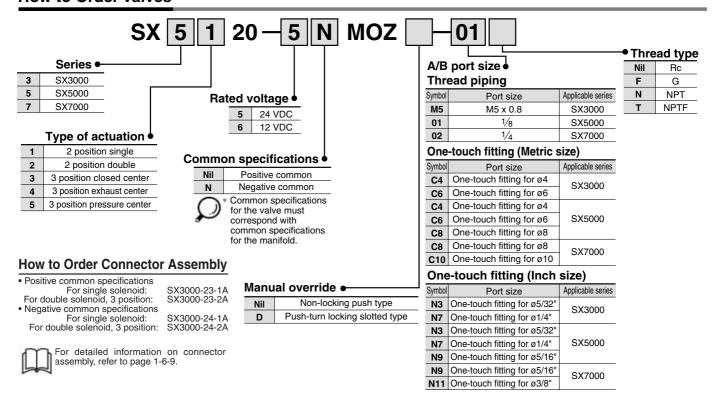
How to Order Manifold



How to Order Valve Manifold Assembly



How to Order Valves



- Multiple valve wiring simplified through the use of the flat cable connector.
- Clean appearance

In the case of a flat cable style, each valve is wired on the print board of manifold base to allow the external wiring to be piped all together with 26 pins MIL connector.



Manifold Specifications

	Model	SS5X3-20P N	SS5X5-20P N	SS5X7-20P N		
App	olicable valve	SX3□20	SX5□20	SX7□20		
Manifold type		Single base/B mount				
P (SUP)	, R (EXH)	Co	ommon SUP/Common EX	KH		
Valve st	ations Note (1)	4 to 12 stations	3 to 12	stations		
A, B port location			Valve			
	P, EA, EB port	1/8	1/4	1/4		
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) n: Stations		W = 19n + 45 W = 43n + 77		W = 51n + 81		
Applicable flat ribbon cable connector		Socket: 26 pins MIL with strain relief (Conforming to MIL-C-83503)				
Internal wiring (2)		+COM (Type 20P), -COM (Type 20N)				
Rated vo	oltage	12, 24 VDC				

Note 1) For more than 10 stations (more than 5 stations in case of SS5X7), supply pressure to P port on both sides and exhaust from EA and EB port on both sides.

Note 2) The withstand voltage specification for the wiring unit section is JIS C 0704, Grade 1 or its

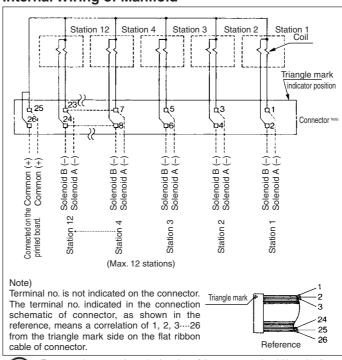
equivalent.

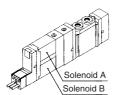
Flow Characteristics

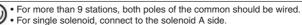
	Port size		Flow characteristics					
			$1 \rightarrow 4/2 \ (P \rightarrow A/B)$			4/2 → 5/3 (A/B → EA/EB)		
Model	1, 5, 3 (P, EA, EB)	4, 2 (A, B)	C [dm³/ (s·bar)]	b	Cv	C [dm³/ (s·bar)]	b	Cv
SS5X3-20 ^P _N	Rc 1/8	C6	0.72	0.29	0.18	0.80	0.36	0.21
SS5X5-20 ^P _N	Rc 1/4	C8	1.9	0.28	0.48	2.2	0.20	0.53
SS5X7-20 ^P _N	Rc 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.

Internal Wiring of Manifold







- The maximum number of stations is 12. If more than 12 stations are required, please consult with SMC.
- -COM and +COM specifications are available. (Diagram above is for +COM specifications.)



SV

SZ

SY

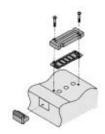
SYJ

SX



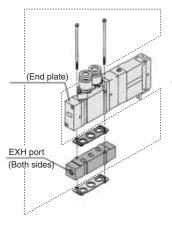
Manifold Option

■ Blanking plate assembly

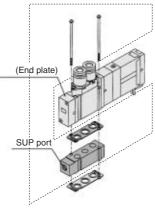


Assembly part no.
SY3000-26-10A
SY5000-26-21A
SY7000-26-23A

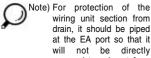
■ Individual EXH spacer assembly



Individual SUP					
spacer assembly					



Series	Assembly part no.	Port size
SX3000	SX3000-39-20A	M5 x 0.8
SX5000	SX5000-39-1⊠A	1/8
SX7000	SX7000-39-1⊠A	1/4



at the EA port so that it will not be directly exposed to exhaust from the valve.

⚠ Caution

Mounting screw tightening torques

M2: 0.17 N·m M3: 0.8 N·m M4: 1.4 N·m

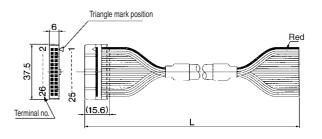
Series Assembly part no. Port size **SX3000** SX3000-38-20A M5 x 0.8 SX5000 SX5000-38-1 ⊗A **SX7000** SX7000-38-1⊠A 1/4

Note) The SUP port may be either on the lead wire side or on the end plate side (Factory assembled spacer will be shipped with the orientation shown in the figure.)

* Thread type

Nil	Rc
F	G
N	NPT
Т	NPTF

■ Cable assembly AXT100-FC26- to



Connector Assembly for Flat Ribbon Cable

Cable length (L)	Assembly part no.	Note
1.5 m	AXT100-FC26-1	
3 m	AXT100-FC26-2	Cable 26 cores x 28AWG
5 m	AXT100-FC26-3	

* For other commercial connectors, use a 26 pins type with strain relief conforming to MIL-C-83503.

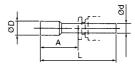
Connector manufacturers' example

- Hirose Electric Co., Ltd. Japan Aviation Electronics Industry, Ltd.
- Sumitomo 3M Limited J.S.T. Mfg. Co., Ltd.
- Fujitsu Limited

■ Plug

These are inserted in cylinder ports or SUP/EXH ports which are not being used.

Purchasing order is available in units of 10 pieces.



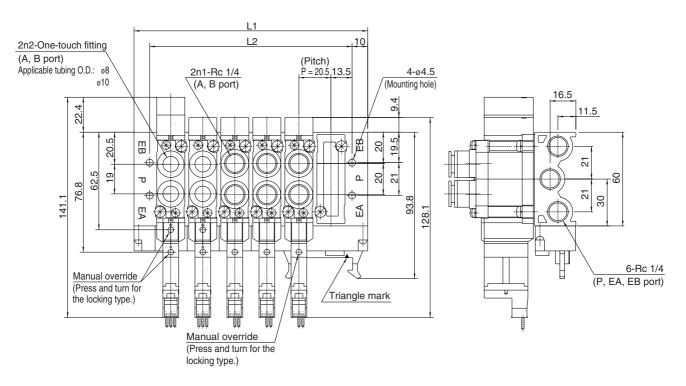
Dimensions

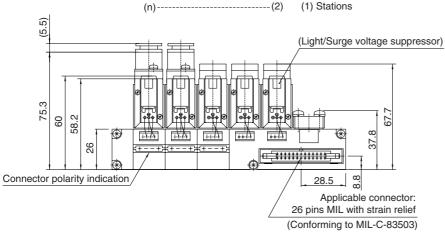
Applicable fittings fitting ød	Model	A	L	D
4	KQ2P-04	16	32	6
6	KQ2P-06	18	35	8
8	KQ2P-08	20.5	39	10
10	KQ2P-10	22	43	12
5/32"	KQ2P-03	16	32	6
1/4"	KQ2P-07	18	35	8.5
5/16"	KQ2P-09	20.5	39	10
3/8"	KQ2P-11	22	43	11.5

\land Warning

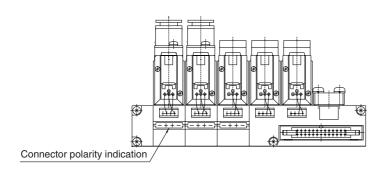
When mounting a valve or spacer on the manifold base or sub-plate, etc., those mounting directions are determined. If mounted in the wrong direction, the equipment to be connected may cause malfunction. Refer to external dimensions in pages 1-6-51 to 1-6-53, and then mount it.

SX7000: SS5X7-20P- Stations





SS5X7-20N



								n: Sta	ations (ı	n1 + n2)
Stations n	3	4	5	6	7	8	9	10	11	12
L1	88	108.5	129	149.5	170	190.5	211	231.5	252	272.5
12	68	88.5	109	129.5	150	170.5	191	211.5	232	252.5



SV

SZ

SY

SYJ



Series **SX3000/5000/7000 Base Mounted Manifold Bar Stock Type Individual Wiring**

Rc

G

NPT

NPTF

Thread type • Nil

F

N

Rc

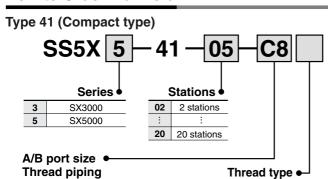
G

NPT NPTF

Ν

Т

How to Order Manifold



Inrea	ad piping	
Symbol	Port size	Applicable series
M5	M5 x 0.8	SX3000
04	1./-	075000

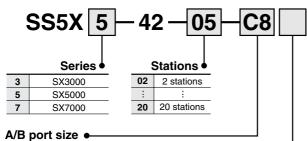
One-touch fitting (Metric size)

Symbol	Port size	Applicable series
C4	One-touch fitting for ø4	SX3000
C6	One-touch fitting for ø6	3/3000
C6	One-touch fitting for ø6	SX5000
C8	One-touch fitting for ø8	3/3000

One-touch fitting (Inch size)

Symbol	Port size	Applicable series
N3	One-touch fitting for ø5/32"	SX3000
N7	One-touch fitting for ø1/4"	3/3000
N7	One-touch fitting for ø1/4"	SX5000
N9	One-touch fitting for ø5/16"	373000

Type 42 (Common external pilot type)



Thread piping

Symbol	Port size	Applicable series
01	1/8	SX3000
02	1/4	SX5000
02	1/4	SX7000

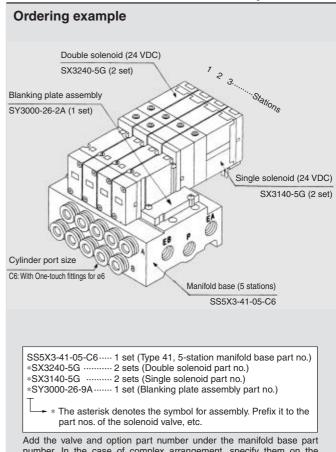
One-touch fitting (Metric size)

		-
Symbol	Port size	Applicable series
C4	One-touch fitting for ø4	SX3000
C6	One-touch fitting for ø6	3/3000
C6	One-touch fitting for ø6	SX5000
C8	One-touch fitting for ø8	0,0000
C10	One-touch fitting for ø10	SX7000

One-touch fitting (Inch size)

Symbol	Port size	Applicable series
N3	One-touch fitting for ø5/32"	SX3000
N7	One-touch fitting for ø1/4"	583000
N7	One-touch fitting for ø1/4"	SX5000
N9	One-touch fitting for ø5/16"	323000
N11	One-touch fitting for ø3/8"	SX7000

How to Order Valve Manifold Assembly

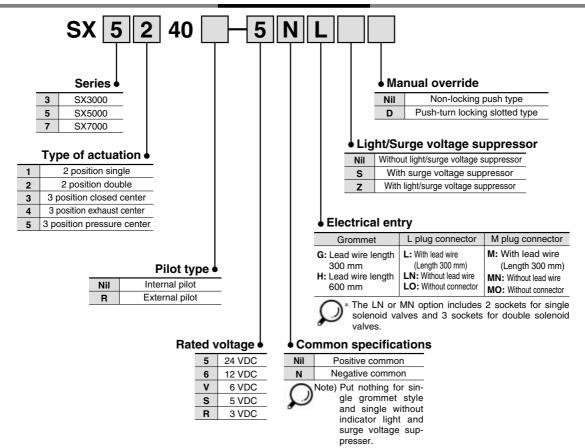


number. In the case of complex arrangement, specify them on the manifold specification sheet.



• Connector assembly for L and M typesRefer to page 1	-6-8.
Common connector ass'y for manifold	-6-9.

How to Order Valves



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Type 41 Type 42



Manifold Specifications

Model		SS5X3-41	SS5X3-42	SS5X5-41	SS5X5-42	SS5X7-42				
Applicable valve		valve	SX3□40	SX3□40(R)	SX5□40	SX5□40(R)	SX7□40(R)			
Manifo	ld ty	/pe		Si	ngle base/B mou	ınt				
P(SUF	P)/R(EXH)		Comm	on SUP/Commo	n EXH				
Valve	stati	ons Note)			2 to 20 stations		EAFI			
A, B Porti	A, B Porting Specifications			Base						
specificat	ions	Direction	Side							
	P, E	A, EB port	Rc 1/8		Rc	1/4	Rc 1/4			
Port size A, B port		B port	M5 x 0.8 C4 (One-touch fitting for ø4) C6 (One-touch fitting for ø6)	Rc 1/8 C4 (One-touch fitting ø4) C6 (One-touch fitting for ø6)	Rc 1/8 C6 (One-touch fitting for ø6) C8 (One-touch fitting for ø8)	Rc 1/4 C6 (One-touch fitting for Ø6) C8 (One-touch fitting for Ø8)	Rc 1/4 C10 (One-touch fitting for ø10			
Manifold base weight W (g) n: Stations		W = 30n + 50	W = 37n + 63	W = 61n + 101	W = 79n + 127	W = 100n + 151				

Note) For more than 10 stations, supply pressure to P port on both sides and exhaust from EA and EB port on both sides.

Flow Characteristics

	Port size		Flow characteristics Note)					
			$1 \rightarrow 4/2 \ (P \rightarrow A/B)$		$4/2 \rightarrow 5/3 \text{ (A/B} \rightarrow \text{EA/EB)}$			
Model	1, 5, 3 (P, EA, EB)	4, 2 (A, B)	C [dm³/ (s·bar)]	b	Cv	C [dm³/ (s·bar)]	b	Cv
SS5X3-41	Rc 1/8	C6	0.75	0.19	0.18	0.81	0.23	0.20
SS5X3-42	Rc 1/8	C6	0.75	0.20	0.18	0.82	0.20	0.20
SS5X5-41	Rc 1/4	C8	1.8	0.23	0.44	1.9	0.16	0.45
SS5X5-42	Rc 1/4	C8	1.9	0.20	0.46	1.9	0.12	0.43
SS5X7-42	Rc 1/4	C10	3.0	0.25	0.75	3.0	0.12	0.66

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

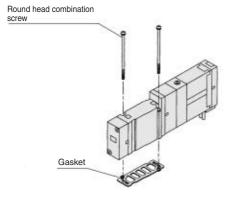
Manifold Option

■ Blanking plate assembly



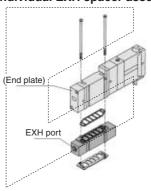
Series Assembly part no.		
SX3000	SY3000-26-9A	
SX5000	SY5000-26-20A	
SX7000	SY7000-26-22A	

■ Bolt and gasket part no.



Series	Round head combination screw	Gasket
SX3000	SX3000-22-2 (M2 x 24)	SY3000-11-25
SX5000	M3 x 30 (Matt nickel plated)	SY5000-11-15
SX7000	M4 x 35 (Matt nickel plated)	SY7000-11-11

■ Individual EXH spacer assembly



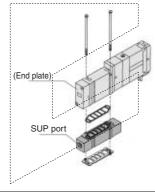
Series	Assembly part no.	Port size
SX3000	SX3000-39-2A	M5 x 0.8
SX5000	SX5000-39-16⊠A	1/8
SX7000	SX7000-39-16®A	1/4

Note) The EXH port may be either on the lead wire side or on the end plate side. (An assembly is shipped under the condition shown in the figure.)

■ Plua

Inserted into an unused cylinder port and SUP/EXH ports. Purchasing order is available in units of 10 pieces.

■ Individual SUP spacer assembly



Series	Assembly part no.	Port size
SX3000	SX3000-38-2A	M5 x 0.8
SX5000	SX5000-38-16⊠A	1/8
SX7000	SX7000-38-16⊠A	1/4

Note) The SUP port may be either on the lead wire side or on the end plate side. (An assembly is shipped under the condition shown in the figure.)

* Thread type					
Nil Rc					
F	G				
N	NPT				
Т	NPTF				

Dimensions

Applicable fittings fitting 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
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

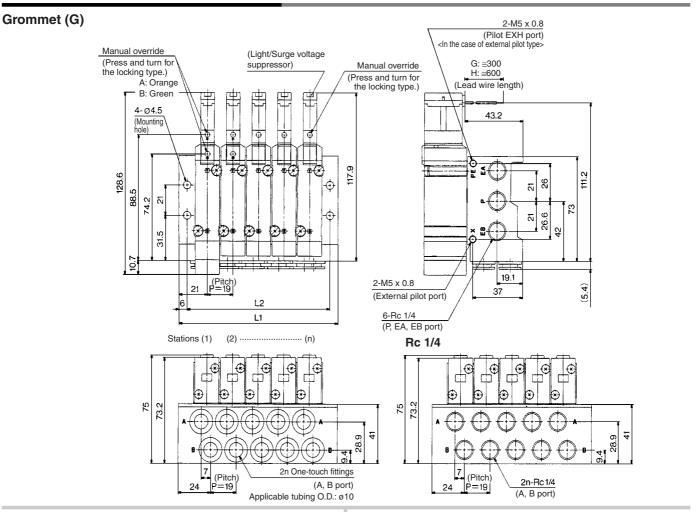
8
⚠ Caution
Mounting screw tightening torques
M2: 0.17 N·m
M3: 0.8 N·m
M4: 1.4 N·m

⚠ Warning

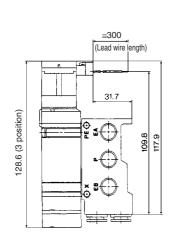
When mounting a valve or spacer on the manifold base or sub-plate, etc., those mounting directions are determined. If mounted in the wrong direction, the equipment to be connected may cause malfunction. Refer to external dimensions in pages 1-6-57 to 1-6-63, and then mount it.



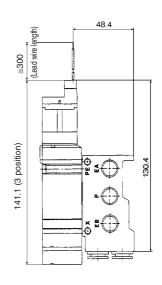
SX7000: SS5X7-42- Stations -02/C10



L plug connector (L)



M plug connector (M)



Stations n	2 stations	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20 stations
L1	61	80	99	118	137	156	175	194	213	232	251	270	289	308	327	346	365	384	403
L2	49	68	87	106	125	144	163	182	201	220	239	258	277	296	315	334	353	372	391

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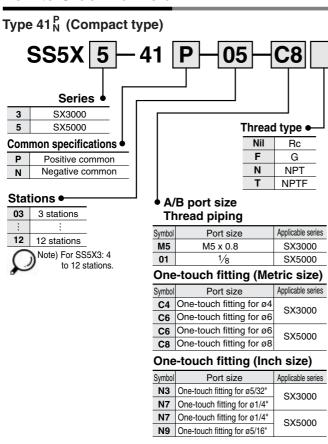
SYJ

SX

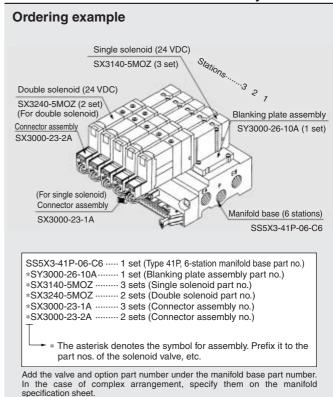


Series SX3000/5000/7000 Base Mounted Manifold Bar Stock Type Flat Ribbon Cable

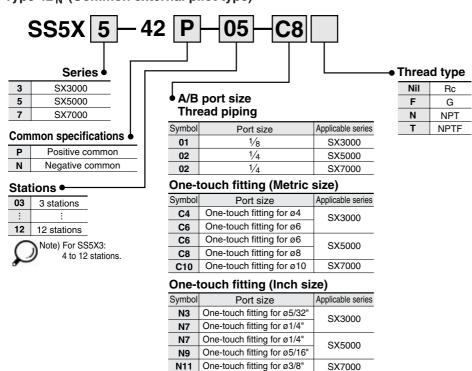
How to Order Manifold



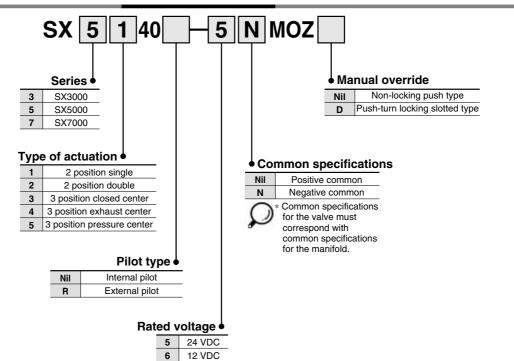
How to Order Valve Manifold Assembly



Type 42 P (Common external pilot type)



How to Order Valves



How to Order Connector Assembly

- Positive common specifications
 For single solenoid: SX3000-23-1A
 For double solenoid, 3 position: SX3000-23-2A
- Negative common specifications
 For single solenoid: SX3000-24-1A
 For double solenoid, 3 position: SX3000-24-2A
- For detailed information on connector assembly, refer to page 1-6-9.



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- Multiple valve wiring is simplified through the use of the flat cable connector.
- Clean appearance

In case of a flat cable style, each valve is wired on the print board of manifold base to allow the external wiring to be piped all together with 26 pins MIL connector.



Flat Ribbon Cable Manifold Specifications

Model		SS5X3-41 ^P	SS5X3-42 ^P	SS5X5-41 ^P	SS5X5-42 ^P	SS5X7-42 ^P _N				
Applicable valve		SX3□40	SX3□40(R)	SX5□40	SX5□40(R)	SX7□40(R)				
Manifo	old ty	ре	Single base/B mount							
P (SUI	P)/R	(EXH)		Common SUP/Common EXH						
Valve	statio	ons (1)	4 to 12	_						
A, B por	t	Location			Base					
specifica	ations	Direction		Side						
	P, E	A, EB port	Rc1	1/8	Rc	Rc 1/ ₄				
Port size	A, B port		M5 x 0.8 C4 (One-touch fitting for ø4) C6 (One-touch fitting for ø6)	, ,	Rc 1/8 C6 (One-touch fitting for ø6) C8 (One-touch fitting for ø8)	, ,	Rc 1/4 C10 (One-touch fitting for ø10)			
Manifold base weight W (g) n: Stations		W = 39n + 83	W = 48n + 99	W = 67n + 118	W = 88n + 151	W = 109n + 174				
Applicable flat ribbon cable connector		Socket: 26 pins MIL with strain relief (Conforming to MIL-C-83503)								
Internal wiring (2)		+COM (Type 41P, 42P), -COM (Type 41N, 42N)								
Rated voltage		12, 24 VDC								

Note

Note 1) For more than 10 stations, supply pressure to P port on both sides and exhaust from EA and EB port on both sides.

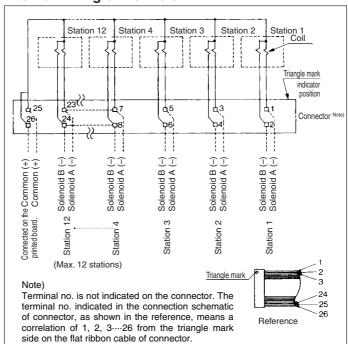
Note 2) The withstand voltage specification for the wiring unit section is JIS C 0704, Grade 1 or its equivalent.

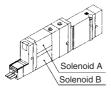
Flow Characteristics

	Port	ciza	Flow characteristics							
	1 011	3126	1 →	$4/2 (P \rightarrow A)$	A/B)	$4/2 \rightarrow 5/3 \text{ (A/B} \rightarrow \text{EA/EB)}$				
Model	1, 5, 3 (P, EA, EB)	4, 2 (A, B)	C [dm³/ (s·bar)]	b	Cv	C [dm³/ (s·bar)]	b	Cv		
SS5X3-41 N	Rc 1/8	C6	0.75	0.19	0.18	0.81	0.23	0.20		
SS5X3-42 P	Rc 1/8	C6	0.75	0.20	0.18	0.82	0.20	0.20		
SS5X5-41 P	Rc 1/4	C8	1.8	0.23	0.44	1.9	0.16	0.45		
SS5X5-42 P	Rc 1/4	C8	1.9	0.20	0.46	1.9	0.12	0.43		
SS5X7-42 P	Rc 1/4	C10	3.0	0.25	0.75	3.0	0.12	0.66		

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

Internal Wiring of Manifold





- For more than 9 stations, both poles of the common should be wired. For single solenoid, connect to the solenoid A side.
 - The maximum number of stations is 12. If more than 12 stations are required, please consult with SMC.
 - COM and +COM specifications are available. (Diagram above is for +COM specifications.)



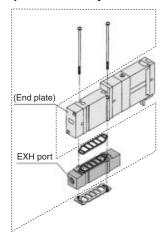
Manifold Option

■ Blanking plate assembly



Series	Assembly part no.			
SX3000	SY3000-26-10A			
SX5000	SY5000-26-21A			
SX7000	SY7000-26-23A			

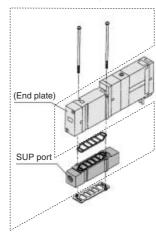
■ Individual EXH spacer assembly



Series	Assembly part no.	Port size
SX3000	SX3000-39-2A	M5 x 0.8
	SX5000-39-16⊮A	
SX7000	SX7000-39-16⊠A	1/4

Note) For protection of the wiring unit section, the EXH port is on the end plate side.

■ Individual SUP spacer assembly



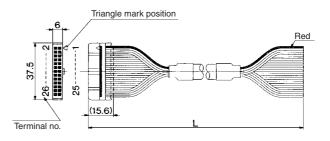
	Assembly part no.	Port size
SX3000	SX3000-38-2A	M5 x 0.8
SX5000	SX5000-38-16⊞A	1/8
SX7000	SX7000-38-16⊮A	1/4

Note) The SUP port may be either on the lead wire side or on the end plate side. (An assembly is shipped under the condition shown in the figure.)

* Thread type

	··· · · / / · ·
Nil	Rc
F	G
N	NPT
Т	NPTF

■ Cable assembly AXT100-FC26- ¹/₁₃



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Connector Assembly for Flat Ribbon Cable

Cable length (L)	Assembly part no.	Note
1.5 m	AXT100-FC26-1	
3 m	AXT100-FC26-2	Cable 26 cores x 28AWG
5 m	AXT100-FC26-3	

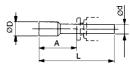
* For other commercial connectors, use a 26 pins type with strain relief conforming to MIL-C-83503.

Connector manufacturers' example

- Hirose Electric Co., Ltd. Japan Aviation Electronics Industry, Ltd.
- Sumitomo 3M Limited J.S.T. Mfg. Co., Ltd.
- Fujitsu Limited

■ Plug

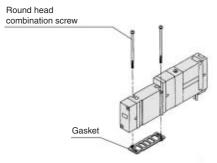
These are inserted in cylinder ports or SUP/EXH ports which are not being used.



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
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

■ Bolt and gasket part no.



Series	Round head combination screw	Gasket
SX3000	SX3000-22-2 (M2 x 24)	SY3000-11-25
SX5000	M3 x 30 (Matt nickel plated)	SY5000-11-15
SX7000	M4 x 35 (Matt nickel plated)	SY7000-11-11

⚠ Caution

Mounting screw tightening torques

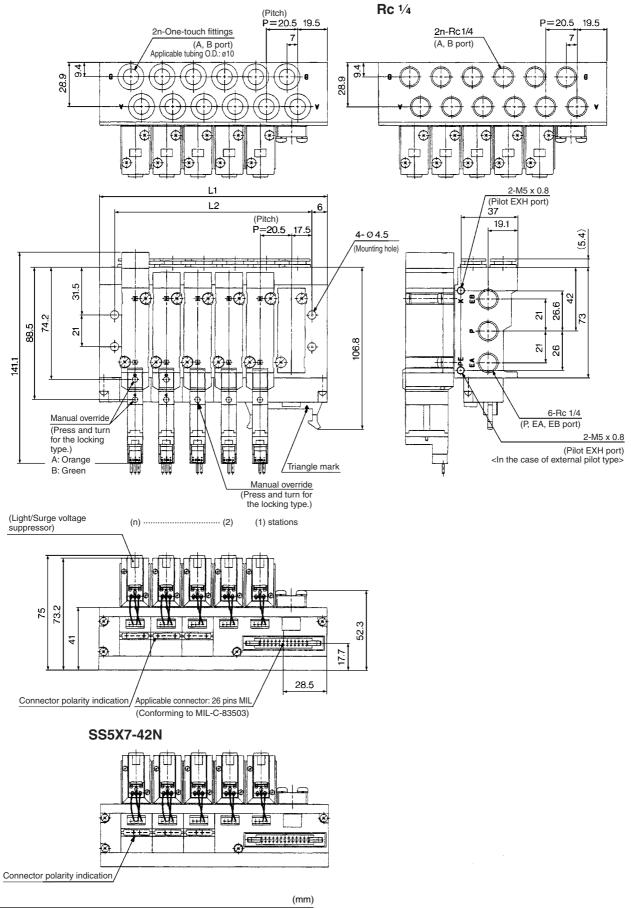
M2: 0.17 N·m M3: 0.8 N·m M4: 1.4 N·m

Marning

When mounting a valve or spacer on the manifold base or sub-plate, etc., those mounting directions are determined. If mounted in the wrong direction, the equipment to be connected may cause malfunction. Refer to external dimensions in pages 1-6-68 to 1-6-72, and then mount it.



SX7000: SS5X7-42P- Stations -02/C10



12 Stations n 3 4 5 6 7 8 9 10 11 108.5 L1 88 129 149.5 170 190.5 211 231.5 252 272.5 **L2** 76 96.5 117 | 137.5 | 158 | 178.5 | 199 | 219.5 | 240 | 260.5





Series SX3000/5000/7000 Made to Order Specifications:

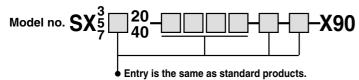
Symbol

Main Valve Fluoro Rubber Specifications -X90

Fluoro rubber is used for rubber parts of the main valve to allow use in applications such as the following.

- When using a lubricant other than the recommended turbine oil, and there is a possibility of malfunction due to swelling of the spool valve seals.
- 2. When ozone enters or is generated in the air supply.

Applicable solenoid valves: Series $SX3\square_4^20$, $SX5\square_4^20$, $SX7\square_4^20$



The specifications and performance are the same as those of standard models.



Note) Because in series -X90 fluoro rubber is used for only main valve, the rubber parts of the application/usage in conditions requiring heat resistance should be avoided.

