

Manifold Specifications

Model	SS5X3-20	SS5X5-20	SS5X7-20
Applicable valve	SX3□20	SX5□20	SX7□20
Manifold type	Single base/B mount		
P (SUP)/R (EXH)	Common SUP/Common EXH		
Valve stations ^{Note)}	2 to 20 stations		
A, B port location	Valve		
Port size	P, EA, EB port	Rc 1/8	Rc 1/4
	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) C10 (One-touch fitting for ø10)
Manifold base weight W (g) n: Stations	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

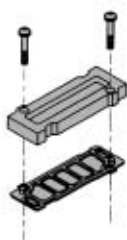
Model	Port size		Flow characteristics					
			1 → 4/2 (P → A/B)			4/2 → 5/3 (A/B → EA/EB)		
	1, 5, 3 (P, EA, EB)	4, 2 (A, B)	C [dm³/ (s-bar)]	b	Cv	C [dm³/ (s-bar)]	b	Cv
SS5X3-20	Rc 1/8	C6	0.72	0.29	0.18	0.80	0.36	0.21
SS5X5-20	Rc 1/4	C8	1.9	0.28	0.48	2.2	0.20	0.53
SS5X7-20	Rc 1/4	C10	3.6	0.31	0.93	3.6	0.27	0.88



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

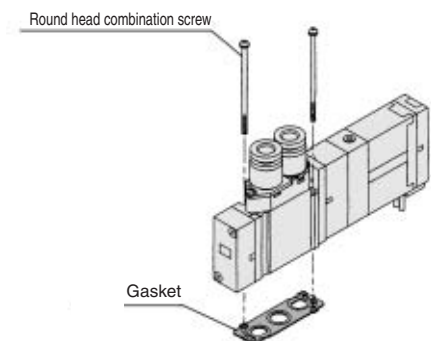
Manifold Option

■ Blanking plate assembly



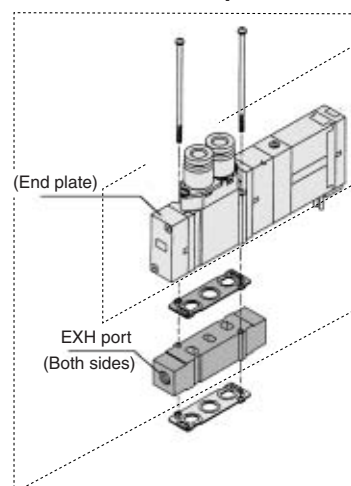
Series	Assembly part no.
SX3000	SY3000-26-9A
SX5000	SY5000-26-20A
SX7000	SY7000-26-22A

■ 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

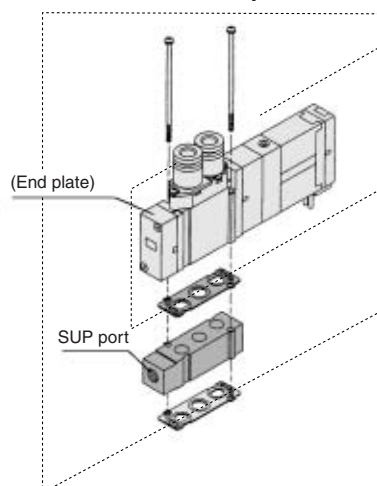
■ Plug

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

Dimensions

Applicable fitting ød	Model	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

■ Individual SUP spacer assembly

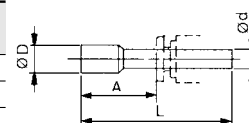


Series	Assembly part no.	Port size
SX3000	SX3000-38-1□A	M5 x 0.8
SX5000	SX5000-38-1□A	Rc 1/8
SX7000	SX7000-38-20A	Rc 1/4

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
T	NPTF



⚠ 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 pages 1-6-44 to 1-6-46, and then mount it.