

Solenoid Valve SVA

Pilot solenoid valve with 2/3/5 ports (Stand-alone type, Manifold type)

⚠ Safety instructions for this product
 Safety instructions, Common safety instructions for each product category and Detailed safety instructions for each product are in the end of this catalog and our website.

Model Designation of SVA21 Sub-base piping type (Example)



(1) Solenoid Valve SVA

(2) Valve series

21: Sub-base piping type (16mm width valve)

(3) Output port size

Port style Code	mm size (mm)						inch size (inch)					
	Side			Top			Side			Top		
	6C	8C	0C	6L	8L	0L	1/4C	5/16C	3/8C	1/4L	5/16L	3/8L
Tube O.D.	ø6	ø8	ø10	ø6	ø8	ø10	ø1/4	ø5/16	ø3/8	ø1/4	ø5/16	ø3/8

(4) Intake port size

Port style Code	mm size (mm)						inch size (inch)					
	Side			Top			Side			Top		
	6C	8C	0C	6L	8L	0L	1/4C	5/16C	3/8C	1/4L	5/16L	3/8L
Tube O.D.	ø6	ø8	ø10	ø6	ø8	ø10	ø1/4	ø5/16	ø3/8	ø1/4	ø5/16	ø3/8

* When a silencer is selected for Exhaust port, port style should be side.

(5) Exhaust port size

Code	mm size (mm)			inch size (inch)			Silencer (Open-Air Exhaust)
	6	8	0	1/4	5/16	3/8	
Tube O.D.	ø6	ø8	ø10	ø1/4	ø5/16	ø3/8	—

*1. Port style of Exhaust port is the same as that of Intake port.

*2. When tube exhaust is selected and Valve type T or U for (6) , do not plug the exhaust port for any reason since the pilot air is discharged through the port. Plugging of exhaust port will cause malfunction.

(6) Mounting valve type

Code	No. of ports	No. of positions	Valve type
S	5	2	Single solenoid
D			Double solenoid
E	3	2	4 (A), 2 (B) port: Normally Closed (Twin 3-way valve)
F			4 (A), 2 (B) port: Normally Open (Twin 3-way valve)
G			4 (A) port: Normally Closed, 2 (B) port: Normally Open (Twin 3-way valve)
H	5	3	4 (A) port: Normally Open, 2 (B) port: Normally Closed (Twin 3-way valve)
A			Closed Center
R			Exhaust Center
P	2	2	Pressure Center
T			Single solenoid (Vacuum-operatable valve)
U	3	2	Double solenoid (Vacuum-operatable valve)
V			Single solenoid (Vacuum-operatable valve)
W			Double solenoid (Vacuum-operatable valve)

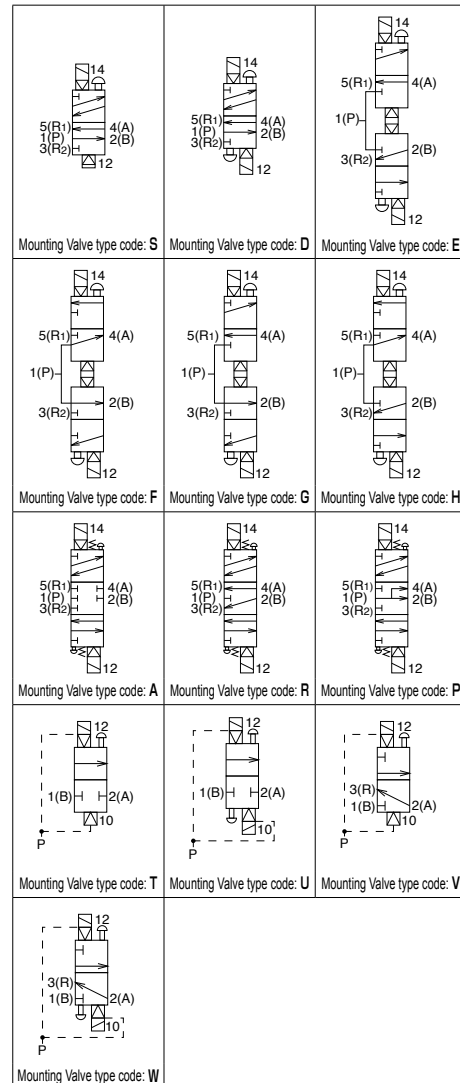
(7) Body color

B: Black

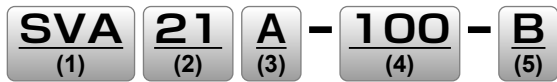
(8) Voltage

Code	D24	100
Coil voltage	24VDC	100VAC

■ Mounting Valve type JIS symbol



Model Designation of Sub-base Mounting Valve Unit (Example)



(1) Solenoid Valve SVA

(2) Valve series

21: Sub-base piping type (16mm width valve)

(3) Mounting Valve type

Code	No. of ports	No. of positions	Valve type
S	5	2	Single solenoid
D			Double solenoid
E	3	2	4 (A), 2 (B) port: Normally Closed (Twin 3-way valve)
F			4 (A), 2 (B) port: Normally Open (Twin 3-way valve)
G			4 (A) port: Normally Closed, 2 (B) port: Normally Open (Twin 3-way valve)
H			4 (A) port: Normally Open, 2 (B) port: Normally Closed (Twin 3-way valve)
A	5	3	Closed Center
R			Exhaust Center
P			Pressure Center
T	2	2	Single solenoid (Vacuum-operatable valve)
U			Double solenoid (Vacuum-operatable valve)
V	3	2	Single solenoid (Vacuum-operatable valve)
W			Double solenoid (Vacuum-operatable valve)

* Valve type JIS symbol in on the previous page.

(4) Voltage

Code	D24	100
Coil voltage	24VDC	100VAC

(5) Body color

B: Black

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Model Designation of Manifold piping type (Example)

SVA (1)	20 (2)	08 (3)	A (4)	-	8C (5)	0C (6)	A08 (7)	8 (8)	-	F (9)	B (10)	-	K (11)	-	D24 (12)	-	(13)	(14)
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(1) Solenoid Valve SVA

(2) Valve series

20: Manifold piping type (16mm width valve)

(3) No. of stations

Code	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
No. of stations	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

(4) Intake & Exhaust block

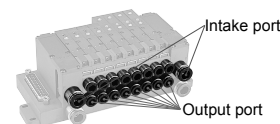
Code	A	B
Block shape	On Both sides	On One side



A: Intake & Exhaust block on Both sides B: Intake & Exhaust block on One side

(5) Output port size

Port style	mm size (mm)						inch size (inch)			
	Side			Top			Side		Top	
Code	1C	6C	8C	1L	6L	8L	1/4C	5/16C	1/4L	5/16L
Tube O.D.	Combination in different sizes		ø6 ø8	Combination in different sizes		ø6 ø8	ø1/4	ø5/16	ø1/4	ø5/16



(6) Intake port size

Port style	mm size (mm)						inch size (inch)					
	Side			Top			Side		Top			
Code	8C	0C	2C	8L	0L	2L	5/16C	3/8C	1/2C	5/16L	3/8L	1/2L
Tube O.D.	ø8	ø10	ø12	ø8	ø10	ø12	ø5/16	ø3/8	ø1/2	ø5/16	ø3/8	ø1/2

(7) Exhaust check valve

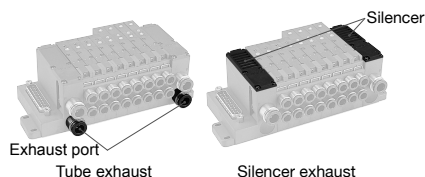
Code	A01	A02	A03	A04	A05	A06	A07	A08	A09	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	No code
No. of stations	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	without check valve

(8) Exhaust port size

Code	mm size (mm)			inch size (inch)			Silencer (Open-Air Exhaust)
	8	0	2	5/16	3/8	1/2	
Tube O.D.	ø8	ø10	ø12	ø5/16	ø3/8	ø1/2	—

*1. Port style of Exhaust port is the same as that of Intake port.

*2. When tube exhaust is selected and Valve type T or U for (11), do not plug the exhaust port for any reason since the pilot air is discharged through the port. Plugging of exhaust port will cause malfunction.



(9) Wiring type

Code	D	S	F
Wiring type	Sub-D Connector	Individual Plug-in Connector	Flat cable (ribbon-cable) connector



Sub-D Connector



Individual Plug-in Connector



Flat cable (ribbon-cable) connector

(10) Body color

B: Black

(11) Mounting valve type

Code	No. of ports	No. of positions	Valve type
S	5	2	Single solenoid
D			Double solenoid
E	3	2	4 (A), 2 (B) port: Normally Closed (Twin 3-way valve)
F			4 (A), 2 (B) port: Normally Open (Twin 3-way valve)
G			4 (A) port: Normally Closed, 2 (B) port: Normally Open (Twin 3-way valve)
H	5	3	4 (A) port: Normally Open, 2 (B) port: Normally Closed (Twin 3-way valve)
A			Closed Center
R			Exhaust Center
P			Pressure Center
T	2	2	Single solenoid (Vacuum-operatable valve)
U			Double solenoid (Vacuum-operatable valve)
V	3	2	Single solenoid (Vacuum-operatable valve)
W			Double solenoid (Vacuum-operatable valve)
K	Combination of Valves		
B	Blank Plate		
M	Manifold-base only		

(12) Voltage

Code	D24	100
Coil voltage	24VDC	100VAC

* No entry when mounting valve type is B (Blank plate) or M (Manifold-base only)

(13) Dual pressure option

Code	No code	P
Supply pressure	Single pressure	Double pressure ^{*1, 2}

*1. Please specify pressure separating position by an order form.

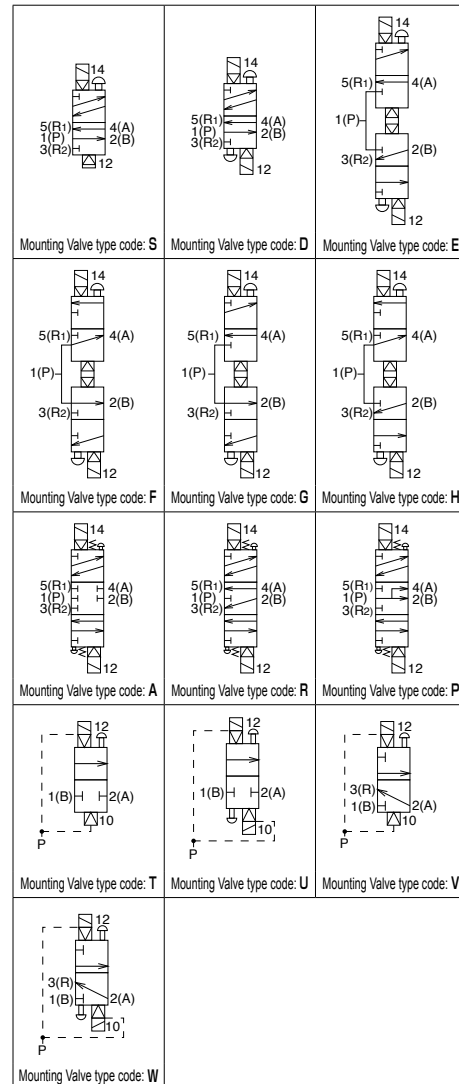
*2. Intake & Exhaust Block for Dual Pressure is "A" type (Intake & Exhaust Block on Both sides) only.

(14) DIN-rail mounting bracket

Code	No code	D
DIN-rail mounting bracket	Without bracket	With DIN-rail bracket

* 1set of DIN-rail bracket contains 2pcs.

■ Mounting Valve type JIS symbol



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Model Designation of Manifold mounting valve unit alone (Example)

SVA (1) **20** (2) **D** (3) - **D24** (4) **D** (5) - **B** (6)

(1) Solenoid Valve SVA

(2) Valve series

20: Manifold piping type (16mm width valve)

(3) Mounting valve type

Code	No. of ports	No. of positions	Valve type
S	5	2	Single solenoid
D			Double solenoid
E	3	2	4 (A), 2 (B) port: Normally Closed (Twin 3-way valve)
F			4 (A), 2 (B) port: Normally Open (Twin 3-way valve)
G			4 (A) port: Normally Closed, 2 (B) port: Normally Open (Twin 3-way valve)
H			4 (A) port: Normally Open, 2 (B) port: Normally Closed (Twin 3-way valve)
A	5	3	Closed Center
R			Exhaust Center
P			Pressure Center
T	2	2	Single solenoid (Vacuum-operatable valve)
U			Double solenoid (Vacuum-operatable valve)
V	3	2	Single solenoid (Vacuum-operatable valve)
W			Double solenoid (Vacuum-operatable valve)

(4) Voltage

Code	D24	100
Coil voltage	24VDC	100VAC

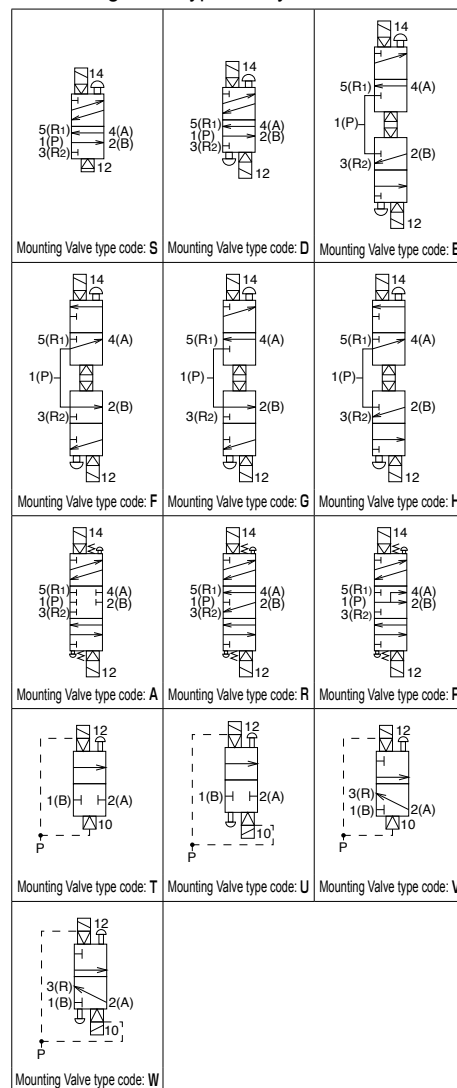
(5) Wiring type

Code	D	S
Wiring type	Concentrated wiring (Sub-D connector, Flat cable connector)	Individual wiring (Individual Plug-in Connector)

(6) Body color

B: Black

Mounting Valve type JIS symbol



Model Designation of DIN-rail mounting bracket

DRF35S (1)

(1) DIN-rail mounting bracket

Model Designation of Blank plate (Example)

SVA (1) **20** (2) **B - B**

(1) Solenoid Valve SVA

(2) Series

20 : For 20 series

Model Designation of Silencer element (Example)

SVA (1) **21** (2) **EX - E**

(1) Solenoid Valve SVA

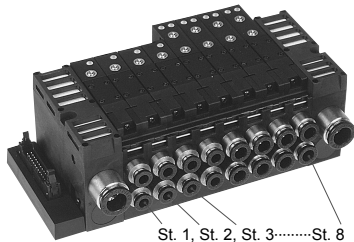
(2) Series

20: For 20 series

21: For 21 series

■ Example of Manifold type (20 series) Model Designation

Model (1)	Series (2)	No. of stations (3)	In. & Ex. block (4)	Out-port (5)	In-port (6)	Check valve (7)	Ex-port (8)	Wiring (9)	Color (10)	Valve (11)	Voltage (12)	2-press. (13)	DIN-rail (14)
SVA	20	08	A	1C	2C	A04	S	F	B	K	D24		



* Station No. is counted as St.1, St.2, St.3 ...St.8 from left side with the tube fittings at the front as shown in the figure above.

Station No.	Out-port	Check valve	Mounting valve type	2-press.
St. 1	6		SVA20	S
St. 2	6		SVA20	S
St. 3	6		SVA20	S
St. 4	6		SVA20	S
St. 5	8	A	SVA20	D
St. 6	8	A	SVA20	D
St. 7	8	A	SVA20	D
St. 8	8	A	SVA20	D

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SVA20 Solenoid Valve Specification Order Form

Person in charge: _____

To: NIHON PISCO Co.,Ltd. _____

Distributor/Dealer address: _____ TEL _____

Delivery address: _____ TEL _____

Customer address: _____ TEL _____

Requested EX-W PISCO Date: _____ Quantity _____ pcs.

Model (1)	Series (2)	No. of stations (3)	In. & Ex. block (4)	Out-port (5)	In-port (6)	Check valve (7)	Ex-port (8)	Wiring (9)	Color (10)	Valve (11)	Voltage (12)	2-press. (13)	DIN-rail (14)
SVA	20								B				

Station No.	Out-port	Check valve	Mounting valve type	2-press.
St. 1			SVA20	
St. 2			SVA20	
St. 3			SVA20	
St. 4			SVA20	
St. 5			SVA20	
St. 6			SVA20	
St. 7			SVA20	
St. 8			SVA20	
St. 9			SVA20	
St. 10			SVA20	
St. 11			SVA20	
St. 12			SVA20	
St. 13			SVA20	
St. 14			SVA20	
St. 15			SVA20	
St. 16			SVA20	
St. 17			SVA20	
St. 18			SVA20	
St. 19			SVA20	

Solenoid Valve SVA

Characteristics

Lightweight and small-sized, yet high flow.

Effective Sectional Area of 18mm² with valve width 16mm

Various valve types are available.

2 options of intake and output port position; Top or side

Twin 3-way valve allows to control different 2 actuators simultaneously, but separately.

It contributes to save room where many 3-way valves are used with air-operated valves or single acting cylinders.

Vacuum-operatable 2/3-Port Solenoid Valve

Vacuum-operatable 2 or 3-way valve which does not require external piping.

Same in function as the external pilot system.

Single and Double solenoid types are available.

External piping is not necessary, so that mix-mounting of different valve types is possible.

* 20 series realizes easy-wiring, and piping and less room.

Manifold piping type (20 series)

Easy maintenance with a single-screw mounting mechanism.

Centralized wire harness makes manifold piping easy.

Sub-D Connector and Flat cable (ribbon-cable) connector are available.

Individual Plug-in Connector of Manifold piping is also available.



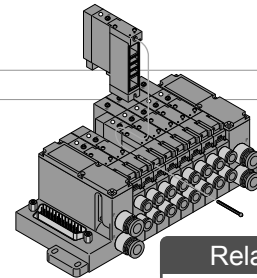
Sub-D Connector



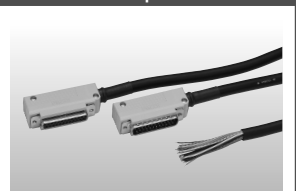
Flat cable (ribbon-cable) connector



Individual Plug-in Connector



Related products



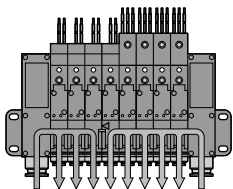
Sub-D Connector

► P.246

A check valve for each exhaust port to prevent back pressure can be installed as an option.

Dual pressure type allows 2 different pressures of supply air putting a separator between certain stations. Dual pressure type is an option.

Intake ports in a manifold are separated.



Bracket of DIN rail is available. It helps easy attachment and detachment.

With the bracket, a manifold can be firmly fixed.

Specifications

■ Sub-base Specifications

Model	SVA21		
Fluid medium	Air		
Operating pressure range	0.2 to 0.7 MPa		
Proof pressure	1.05 MPa		
Operating temp. range	5 to 50°C		
Installing direction	Universal (Conditional)		
No. of mountable main valve	1 pc.		
Tube dia.	1 (P), 5 (R1), 3 (R2) port	Push-in fitting (dia.)	ø6mm, ø8mm, ø10mm (*) ø1/4", ø5/16", ø3/8" (*)
	4 (A), 2 (B) port	Push-in fitting (dia.)	ø6mm, ø8mm, 10mm ø1/4", ø5/16", ø3/8"
Wiring type	Type	Individual Plug-in Connector	
	No. of pins	3 pins	
Silencer	Standard equipment only with silencer exhaust 5 (R1) and 3 (R2) port.		

■ Manifold specifications

Item	Model	SVA20-A--D	SVA20-B--D	SVA20-A--F	SVA20-B--F	SVA20-A--S	SVA20-B--S	
Fluid medium	Air							
Operating pressure range	0.2 to 0.7 MPa							
Proof pressure	1.05 MPa							
Operating temp. range	5 to 50°C							
Installing direction	Universal (Conditional)							
No. of mountable main valve	max. 12pcs.			max. 19pcs.				
Tube dia.	1 (P), 5 (R1), 3 (R2) port	Push-in fitting (dia.)						
		ø8mm×2	ø8mm×1	ø8mm×2	ø8mm×1	ø8mm×2	ø8mm×1	ø8mm×1
		ø10mm×2	ø10mm×1	ø10mm×2	ø10mm×1	ø10mm×2	ø10mm×1	ø10mm×1
		ø12mm×2	ø12mm×1	ø12mm×2	ø12mm×1	ø12mm×2	ø12mm×1	ø12mm×1
		ø5/16"×2	ø5/16"×1	ø5/16"×2	ø5/16"×1	ø5/16"×2	ø5/16"×1	ø5/16"×1
4 (A), 2 (B) port	Push-in fitting (dia.): ø6mm, ø8mm							
Wiring type	Type	Sub-D Connector		Flat cable (ribbon-cable) connector		Individual Plug-in Connector		
	No. of pins	9pins, 25pins(*)		10pin, 26pins, 40pins(*)		3 pins		
Silencer	Standard equipment only with silencer exhaust 5 (R1) and 3 (R2) port.							

*1. For 2 to 4 stations, 9 pins. For 5 to 12 stations, 25 pins.

*2. For 2 to 4 stations, 10 pins. For 5 to 12 stations, 26 pins. For 13 to 19 stations, 40 pins.

■ Solenoid Valve Specifications (24VDC)

Model	SVA21-D24 / SVA20-D24									
Piping spec.	Valve type									
	S	D	A,R,P	E,F,G,H	T	U	V	W		
Pilot valve	Operating system	Direct acting operation								
	Valve structure	Rubber seal, Poppet valve								
	Rated coil voltage	24VDC								
	Tolerance of voltage range	21.6 to 26.4 VDC								
	Power consumption	1.2 W (with LED)								
	Surge protection circuit	Diode								
	Manual override	Non-lock push button								
	Operating pressure range	0.2 to 0.7 MPa								
Main valve	Operating system	Pneumatic operation by pilot valve								
	Valve structure	Rubber seal, Spool valve								
	No. of positions	2positions		3positions		2positions				
	No. of ports	5ports			3ports x2(*)		2ports		3ports	
	Valve function	Single	Double	Single	Double	Single	Double	Single	Double	
	No. of pilot points	1		2		1		2		
	Response time(*)	18msec	12msec	18msec		12msec	18msec	12msec		
	Max. operation cycle	5Hz								
	Min. excitation time	50msec			50msec		50msec			
	Lubrication	Not required								
	Operating pressure range	0.2 to 0.7 MPa				- 0.1 to 0.7 MPa				

*1. This is a valve construction incorporating 2× 3-port valves. 1(P) is common.

*2. Values are at air pressure of 0.5MPa and from power off to on. For 3 positions valve, the value is from neutral position of closed center.

■ Solenoid Valve Specifications (100VAC)

Model	SVA21-100 / SVA20-100									
Piping spec.	Valve type									
	S	D	A,R,P	E,F,G,H	T	U	V	W		
Pilot valve	Operating system	Direct acting operation								
	Valve structure	Rubber seal, Poppet valve								
	Rated coil voltage	100VAC								
	Tolerance of voltage range	90 to 110 VAC								
	Power consumption	1.5 VA (with LED)								
	Surge protection circuit	Diode								
	Manual override	Non-lock push button								
	Operating pressure range	0.2 to 0.7 MPa								
Main valve	Operating system	Pneumatic operation by pilot valve								
	Valve structure	Rubber seal, Spool valve								
	No. of positions	2positions		3positions		2positions				
	No. of ports	5ports			3ports x2(*)		2ports		3ports	
	Valve function	Single	Double	Single	Double	Single	Double	Single	Double	
	No. of pilot points	1		2		1		2		
	Response time(*)	18msec	12msec	18msec		12msec	18msec	12msec		
	Max. operation cycle	5Hz								
	Min. excitation time	50msec			50msec		50msec			
	Lubrication	Not required								
	Operating pressure range	0.2 to 0.7 MPa				- 0.1 to 0.7 MPa				

*1. This is a valve construction incorporating 2× 3-port valves. 1(P) is common.

*2. Values are at air pressure of 0.5MPa and from power off to on. For 3 positions valve, the value is from neutral position of closed center.

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Flow characteristics of Sub-base type

Model		SVA21						
Valve type		S	D	A,R,P	E,F,G,H	T,U	V,W	
Piping spec.								
1(P)→4(A),2(B)(ø10mm)(*)	S ⁽⁴⁾	17 (0.92)	17 (0.92)	12 (0.65)	15 (0.81)	17 (0.92)	17 (0.92)	
1(P)→4(A),2(B)(ø8mm)(*)	S ⁽⁴⁾	16 (0.86)	16 (0.86)	12 (0.65)	14.5 (0.78)	13 (0.7)	13 (0.7)	
1(P)→4(A),2(B)(ø6mm)(*)	S ⁽⁴⁾	10.5 (0.56)	10.5 (0.56)	9.5 (0.51)	10.5 (0.56)	8.5 (0.46)	8.5 (0.46)	
4(A),2(B)(ø10 mm)→5(R ₁),3(R ₂) Without Check valve ^(2,3)	S ⁽⁴⁾	18 (0.97)	18 (0.97)	14 (0.75)	14 (0.75)		17.5 (0.95)	
4(A),2(B)(ø8 mm)→5(R ₁),3(R ₂) With Check valve ⁽²⁾	S ⁽⁴⁾							
4(A),2(B)(ø8 mm)→5(R ₁),3(R ₂) Without Check valve ^(2,3)	S ⁽⁴⁾	17 (0.92)	17 (0.92)	13.5 (0.73)	13.5 (0.73)		14 (0.76)	
4(A),2(B)(ø6 mm)→5(R ₁),3(R ₂) With Check valve ⁽²⁾	S ⁽⁴⁾							
4(A),2(B)(ø6 mm)→5(R ₁),3(R ₂) Without Check valve ^(2,3)	S ⁽⁴⁾	10.5 (0.56)	10.5 (0.56)	10 (0.54)	10 (0.54)		9.5 (0.51)	

- *1. Values of valve type T/U/V/W are with the flow direction 1(B) to 2(A).
 *2. The value of open-air R port exhaust flow rate.
 *3. Values of valve type V/W are with the flow direction 2(A) to 3(R).
 *4. S: Effective sectional area S (mm² (CV))
 *5. Refer to the flow rate of dia. 6 mm for inch port size of dia. 1/4", refer to dia. 8 mm for dia. 5/16", refer to dia. 10 mm for dia. 3/8" respectively.

Flow characteristics of Manifold type

Model		SVA20						
Valve type		S	D	A,R,P	E,F,G,H	T,U	V,W	
Piping spec.								
1(P)→4(A),2(B)(ø10mm)(*)	S ⁽⁴⁾							
1(P)→4(A),2(B)(ø8mm)(*)	S ⁽⁴⁾	16 (0.86)	16 (0.86)	12 (0.65)	14.5 (0.78)	13.5 (0.73)	13.5 (0.73)	
1(P)→4(A),2(B)(ø6mm)(*)	S ⁽⁴⁾	10.5 (0.56)	10.5 (0.56)	9.5 (0.51)	10.5 (0.56)	9 (0.49)	9 (0.49)	
4(A),2(B)(ø10 mm)→5(R ₁),3(R ₂) Without Check valve ⁽²⁾	S ⁽⁴⁾							
4(A),2(B)(ø8 mm)→5(R ₁),3(R ₂) With Check valve ^(2,3)	S ⁽⁴⁾	17 (0.92)	17 (0.92)	13(0.7)	12.5 (0.67)		14 (0.76)	
4(A),2(B)(ø8 mm)→5(R ₁),3(R ₂) Without Check valve ^(2,3)	S ⁽⁴⁾	21(1.13)	21(1.13)	15(0.81)	13.5 (0.73)		15.5 (0.84)	
4(A),2(B)(ø6 mm)→5(R ₁),3(R ₂) With Check valve ^(2,3)	S ⁽⁴⁾	10.5 (0.56)	10.5 (0.56)	10 (0.54)	10 (0.54)		10 (0.54)	
4(A),2(B)(ø6 mm)→5(R ₁),3(R ₂) Without Check valve ^(2,3)	S ⁽⁴⁾	10.5 (0.56)	10.5 (0.56)	10 (0.54)	10 (0.54)		9.5 (0.51)	

- *1. Values of valve type T/U/V/W are with the flow direction 1(B) to 2(A).
 *2. The value of open-air R port exhaust flow rate.
 *3. Values of valve type V/W are with the flow direction 2(A) to 3(R).
 *4. S: Effective sectional area S (mm² (CV))
 *5. Refer to the flow rate of dia. 6 mm for inch port size of dia. 1/4", refer to dia. 8 mm for dia. 5/16", refer to dia. 10 mm for dia. 3/8" respectively.

Cylinder Speed Table

Cylinder speed (mm/s)	Cylinder tube bore (mm)									
	ø20	ø25	ø32	ø40	ø50	ø63	ø80	ø100	ø125	ø140
100										
200										
300										
400										
500										
600										
700										
800										

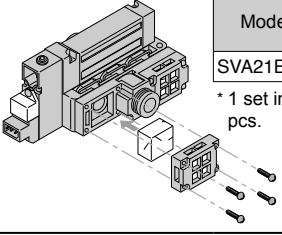
- *1. The cylinder average speed is referential at 0.5 MPa of pressure, 30% of load factor and 1 m of tube length.
 *2. The cylinder speed varies according to the configuration of piping and fittings.
 *3. The data in the above table represents the value when dia. 8 mm Push-in fitting is used on 4 (A) and 2 (B) ports of SVA20S-D24.

Specification of DIN-rail mounting bracket

Recommended thread fixing torque	0.3 to 0.4 N·m
Max. load capacity	100 N

RoHS2 (2011/65/EU+EU2015/863) compliant

Specification of Sub-base piping type (21 series)

Double solenoid valve		Single solenoid valve		Silencer element	
Type	Model code	Type	Model code	Model code	
Tube exhaust SVA	SVA21-3[4]5-6B-8	Tube exhaust SVA	SVA21-3[4]5-6B-8	 <p>* 1 set includes 2 pcs.</p>	
Silencer exhaust SVA	SVA21-3[4]S-6B-8	Silencer exhaust SVA	SVA21-3[4]S-6B-8		

Notes

- *1. Contact the nearest sales office for the price of SVA21 series.
 *2. Please select each code referring to the example of model designation from page 228 [3]: Output port size code, [4]: Intake port size code, [5]: Exhaust port size code, [6]: Valve type code and [8]: Voltage code.
 *3. The element is available only for Silencer (Open-air exhaust) type.

CAD data is available at PISCO website.

Packaging specifications
 1 pc. /bag
 Silencer element: 2 pcs/ set (=1 bag)

RoHS2 (2011/65/EU+EU2015/863) compliant

Manifold piping type (20 series)			
Sub-D connector			
Type	Model code	Type	Model code
In. & Ex. block on both sides (Tube exhaust) SVA	SVA203A-5678-DB-11-12-1314	In. & Ex. block on one side (Tube exhaust) SVA	SVA203B-5678-DB-11-12-1314
In. & Ex. block on both sides (Silencer exhaust) SVA	SVA203A-5678-SB-11-12-1314	In. & Ex. block on one side (Silencer exhaust) SVA	SVA203B-5678-SB-11-12-1314
Individual Plug-in Connector type			
Type	Model code	Type	Model code
In. & Ex. block on both sides (Tube exhaust) SVA	SVA203A-5678-SB-11-12-1314	In. & Ex. block on one side (Tube exhaust) SVA	SVA203B-5678-SB-11-12-1314
In. & Ex. block on both sides (Silencer exhaust) SVA	SVA203A-5678-SB-11-12-1314	In. & Ex. block on one side (Silencer exhaust) SVA	SVA203B-5678-SB-11-12-1314
Flat cable (ribbon-cable) connector type			
Type	Model code	Type	Model code
In. & Ex. block on both sides (Tube exhaust) SVA	SVA203A-5678-FB-11-12-1314	In. & Ex. block on one side (Tube exhaust) SVA	SVA203B-5678-FB-11-12-1314
In. & Ex. block on both sides (Silencer exhaust) SVA	SVA203A-5678-FB-11-12-1314	In. & Ex. block on one side (Silencer exhaust) SVA	SVA203B-5678-FB-11-12-1314
DIN-rail mounting bracket		Silencer element	
Type	Model code	Model code	
DIN-rail mounting bracket DRF	DRF35S	SVA20EX-E * 1 set includes 2 pcs.	
Blank plate		 Packaging specifications 1 pc. /bag DIN-rail mounting bracket: 2 pcs/ bag Silencer element: 2 pcs/ set (=1 bag)	
Type	Model code		
Blank plate SVA20B-B	SVA20B-B		
		i Notes *1. No. of manifold stations and valve type in pictures above are just examples. *2. Please select each code referring to the example of model designation from page 230 to 231 ③: No. of stations code, ⑤: Output port size, ⑥: Input port size, ⑦: Exhaust check valve code, ⑧: Exhaust port size code, ⑪: Valve type code, ⑫: Voltage code, ⑬: Dual pressure code, and ⑭: DIN-rail code. *3. The element is available only for Silencer (Open-air exhaust) type.	
		CAD CAD data is available at PISCO website.	

Valve