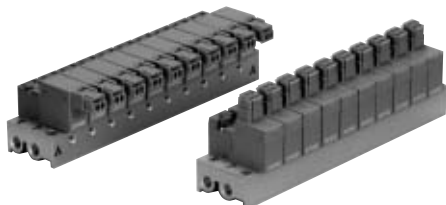


# Manifold Specifications



## Manifold Specifications

Model		Type 30 <sup>(3)</sup>	Type 31	Type S41
Manifold		Single base/B mount		
P(SUP)/R(EXH)		Common SUP/Common EXH		
Valve stations		2 to 10 stations	2 to 20 stations	
A port porting specifications	Position	Valve		Base
	Direction	Top		Side
Port size	P, R ports	M5 x 0.8		
	A port	M3 x 0.5	M3 x 0.5, M5 x 0.8	



Note 1) SY114(A) and SY124(A) can not be mounted on the same manifold.

Note 2) Supply to R port and exhaust from P port for SY124(A).

Note 3) 30 Type is applicable only for SY113 and SY113A. Piping to exhaust port is not possible.

## Flow Characteristics

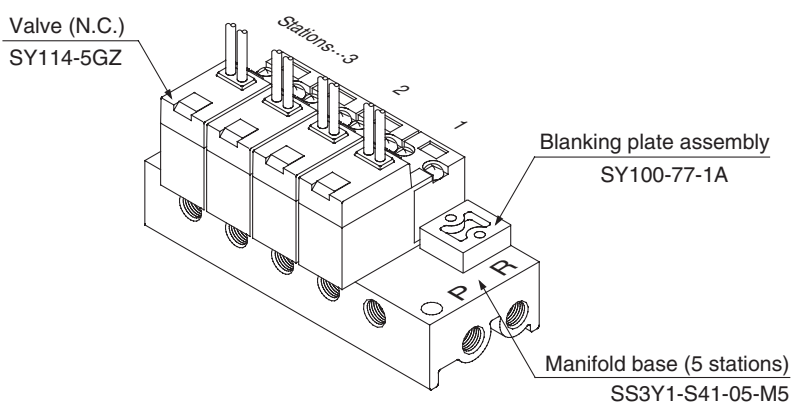
Manifold		Port size		Effective area (mm <sup>2</sup> )
		1(P), 3(R) port	2(A) port	
SS3Y1-30	SY1□3	M5 x 0.8	M3 x 0.5	0.14
	SY1□3(A)			0.21
SS3Y1-31	SY1□3	M5 x 0.8	M3 x 0.5	0.14
	SY1□3(A)			0.21
SS3Y1-S41	SY1□4	M5 x 0.8	M3 x 0.5	0.14
	SY1□4(A)			0.21
	SY1□4	M5 x 0.8	M5 x 0.8	0.14
	SY1□4(A)			0.21



Note) Value at manifold base mounted

## How to Order Valve Manifold Assembly

### Example



SS3Y1-S41-05-M5..... 1 set (Type S41, 5 station manifold part number)

\* SY100-77-1A..... 1 set (Blanking plate assembly part number)

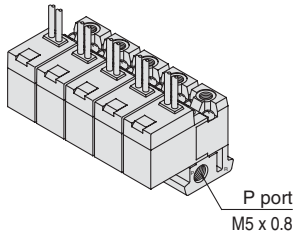
\* SY114-5GZ..... 4 sets (Valve)

→The asterisk denotes the symbol for assembly. Prefix it to the part nos. of the solenoid valve, etc.

List part numbers of the installed valve and option in required station location separately under manifold part no.

## Common SUP/Common EXH

### Type 30



How to Order

**SS3Y1 - 30 - 05 - F**

Stations

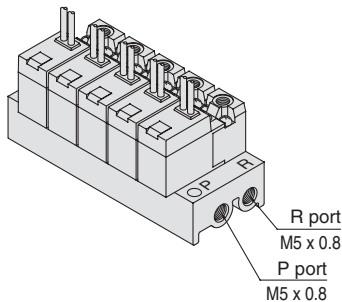
02	2 stations
⋮	⋮
10	10 stations

**Applicable solenoid valve**  
 SY113-□□□□-M3  
 SY113A-□□□□-M3  
**Applicable blanking plate assembly**  
 SY100-77-1A



Note) Piping to exhaust port not possible.

### Type 31



How to Order

**SS3Y1 - 31 - 05**

Stations

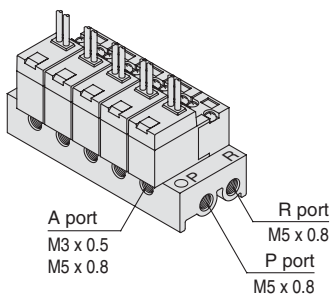
02	2 stations
⋮	⋮
20	20 stations

**Applicable solenoid valve** Note)  
 SY113-□□□□-M3  
 SY113A-□□□□-M3  
 SY123-□□□□-M3  
 SY123A-□□□□-M3  
**Applicable blanking plate assembly**  
 SY100-77-1A



Note) SY113(A) and SY123(A) cannot be mounted on the same manifold.

### Type S41



How to Order

**SS3Y1 - S41 - 05 - M3**

Stations

02	2 stations
⋮	⋮
20	20 stations

A port side

M3	M3 x 0.5
M5	M5 x 0.8

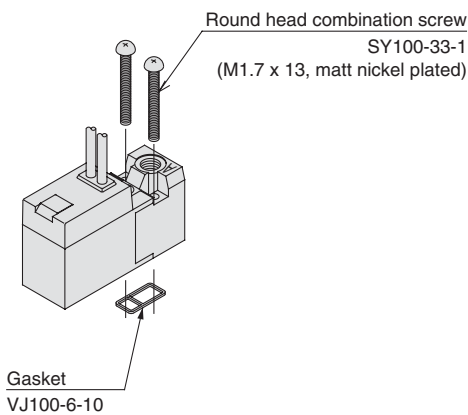
**Applicable solenoid valve** Note)  
 SY114-□□□□  
 SY114A-□□□□  
 SY124-□□□□  
 SY124A-□□□□  
**Applicable blanking plate assembly**  
 SY100-77-1A



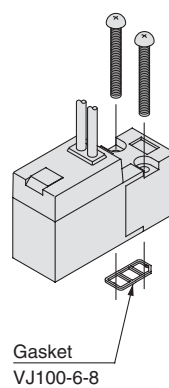
Note) SY114(A) and SY124(A) cannot be mounted on the same manifold.

## Combination with Solenoid Valve and Gasket Manifold Base

### Body ported

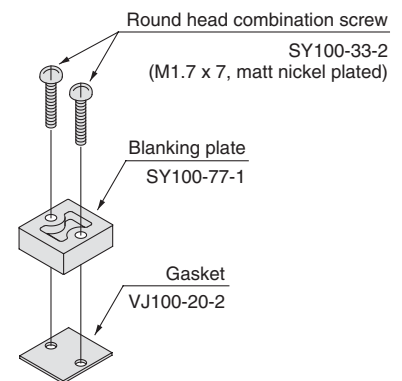


### Base mounted



## Blanking Plate Assembly

Part no.: SY100-77-1A



**Applicable base**  
 • Sub-plate (For body ported type)  
 • SS3Y1-30 type | Manifold  
 • SS3Y1-31 type | base

**Applicable base**  
 Sub-plate  
 Type SS3Y1- S41  
 Manifold base

**Applicable base**  
 Sub-plate  
 Type SS3Y1-30  
 Type SS3Y1-31  
 Type SS3Y1-S41 } Manifold base

### ⚠ Caution

**Mounting Screw Tightening Torques** M1.7: 0.12 N·m

V100

SY

SYJ

VK

VZ

VT

VP

VG

VP

S070

VQ

VKF

VQZ

VZ

VS

VFN