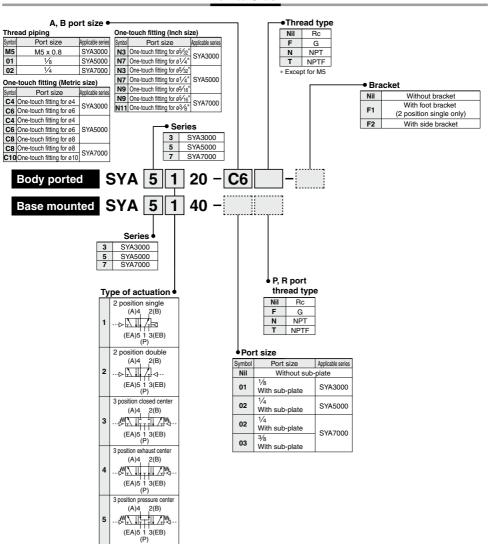
5 Port Air Operated Valve

Series SYA3000/5000/7000

How to Order



5 Port Air Operated Valve Series SYA3000/5000/7000

Specifications

Fluid		Air
Operating pressure range MPa	2 position single	0.15 to 0.7
	2 position double	-100 kPa to 0.7
	3 position	-100 kPa to 0.7
Pilot pressure range Note 1) MPa	2 position single	(0.7 x P + 0.1) to 0.7 P: Operating pressure range
	2 position double	0.1 to 0.7
	3 position	0.2 to 0.7
Ambient and fluid temperature (°C)		-10 to 60 (No freezing.)
Manual override (Manual operation)		Non-locking push type
Lubrication		Not required
Mounting orientation		Unrestricted
Impact/Vibration resistance (m/s²) Note 2)		150/30

Note 1) In case of single type, be certain that pressure within operating pressure range be supplied to supply port, because return pressure is introduced from supply port (1(P)) for activation.

Note 2) Impact resistance: No mailfunction resulted from the impact test using a drop impact tester. The test was

Note 2) Impact resistance: No malfunction resulted from the impact test using a drop impact tester. The test was performed on the axis and right angle directions of the main valve and armature, when pilot signal is ON and OFF. (Value in the initial state)

Vibration resistance: No malfunction occurred in one sweep test between 45 and 2000 Hz. Test was performed to axis and right angle directions of the main valve and armature when pilot signal is ON and OFF. (Value in the initial state)



Be sure to read before handling. Refer to front matter 53 for Safety Instructions and pages 3 to 8 for 3/4/5 Port Solenoid Valve Precautions.

How to Order Manifold Base

Same manifolds as series SY (Non plug-in style) are prepared. (For 20, 41, 42 and 45 Types)



 Specify the part numbers for valves and options together beneath the manifold base part number.

<Example>

SS5YA5-42-03-02 1 set (Type 42, 3 station manifold base part no.)

SYA5140 1 set (Single air operated valve part no.)

SYA5240 1 set (Double air operated valve part no.)

SY5000-26-20A 1 set (Blanking plate assembly part no.)

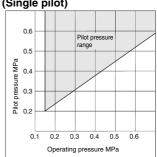
T-The asterisk denotes the symbol for assembly.

Prefix it to the part nos. of the solenoid valve, etc.

Note) When single body ported air operated valves are ordered, manifold mounting screws and gaskets are not included. Order them separately if necessary. (For details, refer to pages 353 and 416.)



Pilot Pressure Range (Single pilot)



SYA

SYJA VZA

VFA

VFRA VPA4

> VSA4 SYJA

VZA

VTA

VPA VPA3

2179