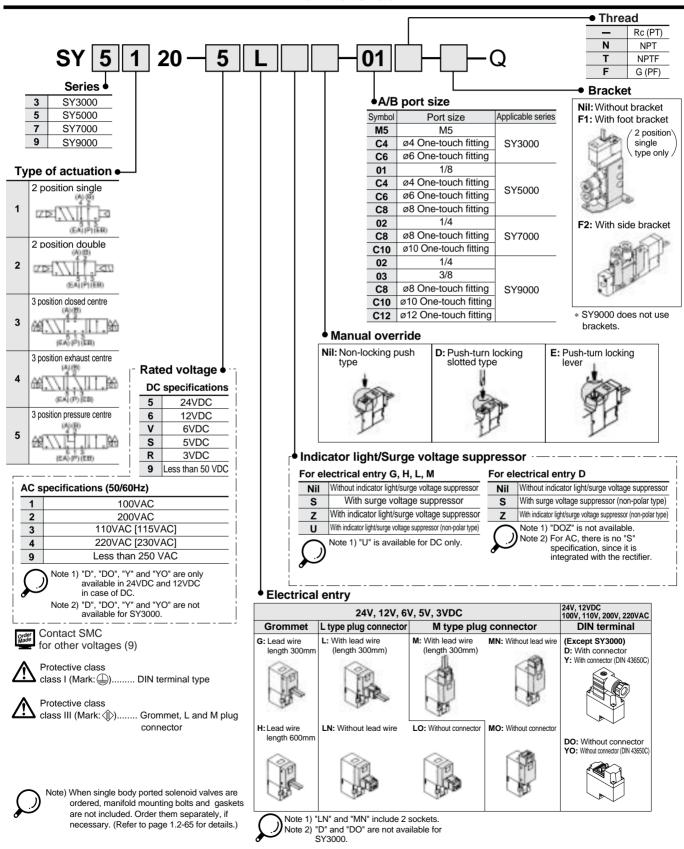
SY3000/5000/7000/9000 Body Ported Type Single Valve

How to Order



Construction

Series SY



Symbol: 2 position double



Symbol: 3 position closed centre

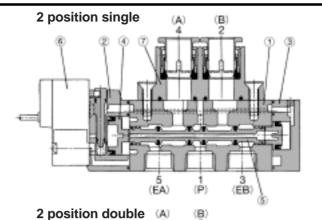


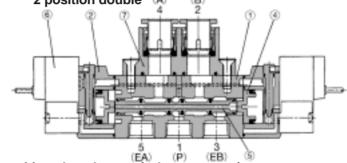
3 position exhaust centre



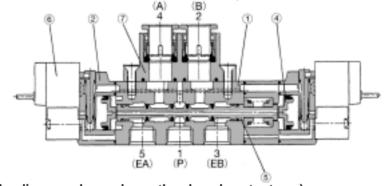
3 position pressure centre







3 position closed centre/exhaust centre/pressure centre



(The diagram above shows the closed centre type.)

Parts list

No.	Description	Material	Note
1	Body	Die-cast aluminum (SY3000 is die-cast zinc.)	White
2	Adaptor plate	Resin	White (Gray for SY9000)
3	End plate	Resin	White
4	Piston	Resin	_
5	Spool valve assembly	Aluminum/NBR	

Replacement parts

No.	Description	Part no.
6	Pilot valve assembly	Refer to "How to Order Pilot Valve Assemblies" on page 1.2-14.
7	Port block assembly	Refer to "How to Order Port Block Assemblies" on page 1.2-14.

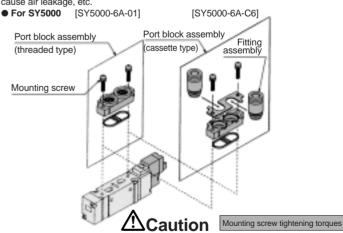
Bracket assembly part nos.

Description	Part no.
Bracket (for F1 type)	SX 5 000-16-2A (with mounting screws)
Bracket (for F2 type)	SX ₅ ³ 000-16-1A (with mounting screws)

^{*} Brackets are not available for SY9000.

How to Replace Port Block Assembly

With the body ported type, the A/B port size can be changed by replacing the port block assembly mounted on the body. Use appropriate tightening torque when replacing the port block assembly, as insufficient tightening of mounting screws will cause air leakage, etc.



SY3000 (M2): 0.12N·m SY5000 (M3): 0.6N·m SY9000 (M4): 1.4N·m

 \ast Refer to "How to Order Port Block Assemblies" on page 1.2-14 for part numbers.



SV

SY

SYJ

SX

٧K

VZ

۷F

VFR

VP7

VQC

SQ VQ

VQ4

VQ5

VQZ

VQD

VFS

VS

VS7

VQ7