

3 Port Solenoid Valve

Power Consumption

0.1W (with power saving circuit)



Temperature rise: 1°C
(with power saving circuit)

Valves of specific power consumption
can be manufactured to suit the
flow rate and operating pressure.
(as special products).

V100 Specifications

Type		With power saving circuit	Standard
Power Consumption		0.1W	0.35W
Temperature rise		1.0°C	20°C
Flow characteristics	C[dm ³ /(s·bar)]	0.034	
	b	0.019	
	Cv	0.007	

5 Port Solenoid Valve

Coming out in
**June,
2002**



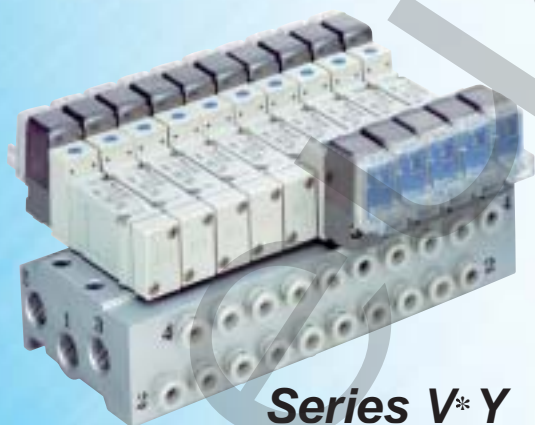
Achieves power consumption of 0.1W/0.35W with use of Series V100 as the pilot valve.

Flow characteristics increased by 10% or more (Series V*Y)

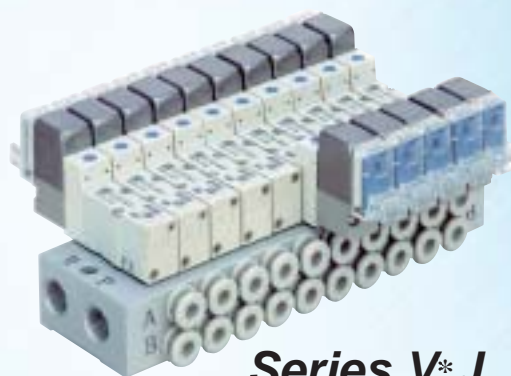
When compared with conventional Series SY and SYJ

Interchangeability in mounting

Can be mounted on conventional manifolds (Series SY and SYJ) with no changes.



Series V*Y



Series V*J

Applicable cylinder size

Series	Flow characteristics			Cylinder size												
	C[dm ³ /(s·bar)]	b	Cv	6	8	10	12	16	20	25	32	40	50	63	80	100
Series V*Y	V1Y	1.2	0.28	0.29	●	●	●	●	●	●	●	●				
	V2Y	3.4	0.37	0.90	●	●	●	●	●	●	●	●	●			
	V3Y	5.2	0.28	1.4	●	●	●	●	●	●	●	●	●	●	●	●
	V4Y	10	0.29	2.5	●	●	●	●	●	●	●	●	●	●	●	●
Series V*J	V1J	0.46	0.36	0.12	●	●	●	●	●							
	V2J	0.83	0.32	0.21	●	●	●	●	●	●	●					
	V3J	2.9	0.35	0.74	●	●	●	●	●	●	●	●				

Conditions Pressure: 0.5MPa
Load rate: 50%
Cylinder speed: 450mm/s