

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)

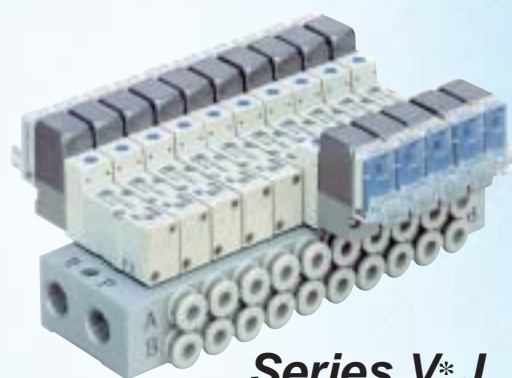
When compared with conventional Series SY and SYJ

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	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

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1st printing GT D-036 P-650(DN)

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Printed in Japan.

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