High Capacity & Simple Choices

5 Port Solenoid Valves **SY3000/5000/7000/9000**

Low power consumption: 0.5W

(Current value: 21mA at 24VDC)

Low power consumption enables direct operation by a PLC, and cost savings are realized through the use of a smaller power supply and switching elements and the elimination of relay cards.

[An energy saving type [0.22W] is also available. Refer to page 1.2-177 for details.]

Compact design with high flow capacity of 1668.6 to 2944.5 N/min with the same body width

The same size cylinder can be driven with a valve one physical size smaller than a conventional type, contributing greatly to both space and cost savings.

Valves to drive cylinders of sizes ø6 to ø200

Pressure: 0.5MPa, Load factor: 50%

Base mounted (sub-plate)	_	Cylinder speed mm/s		Cylinder bore size mm															
	NI/min		Series CJ2			Series CM2				Series MB/CA1				Series CS1					
			ø6	ø10	ø16	ø20	ø25	ø32	ø40	ø40	ø50	ø63	ø80	ø100	ø125	ø140	ø160	ø180	ø200
SY3000	294.5	150																	
		300																	
		450																	
		600																	
		750																	
SY5000	687	150																	
		300																	
		450																	
		600																	
		750																	
SY7000	1177.8	150													*	*			
		300											*	*					
		450										*	*						
		600										*							
		750									*	*							
SY9000		150															*	*	*
		300												*	*	*			
	2748.2	450											*	*					
		600										*	*	*					
		750										*	*						



- * Cylinder speeds are for extension of the cylinder.
- * The "*" symbol indicates conditions with SGP (steel piping).

Long life exceeding 50 million cycles

(Based on SMC life test conditions.)

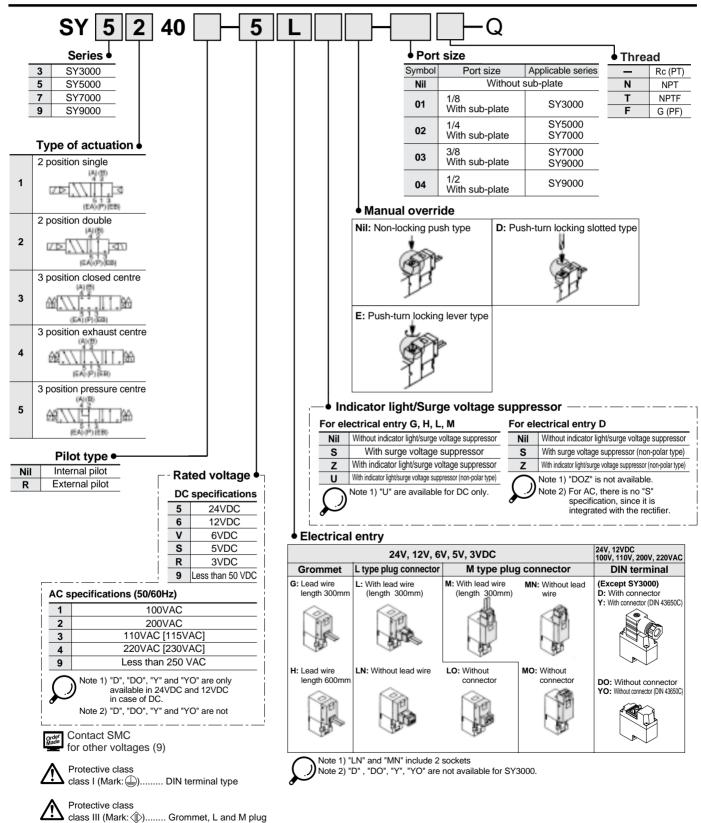
Long life is achieved by a new pilot design, guide rings that prevent main valve eccentricity, and a stronger return force.





SY3000/5000/7000/9000 Base Mounted Type Single Valve

How to Order



connector