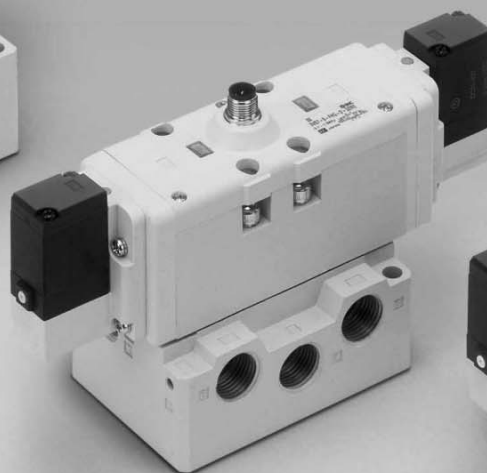
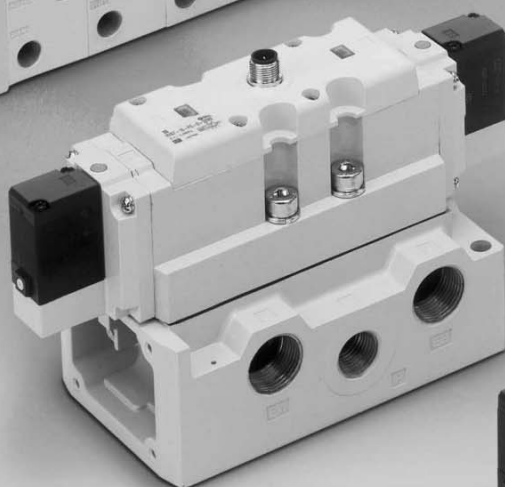
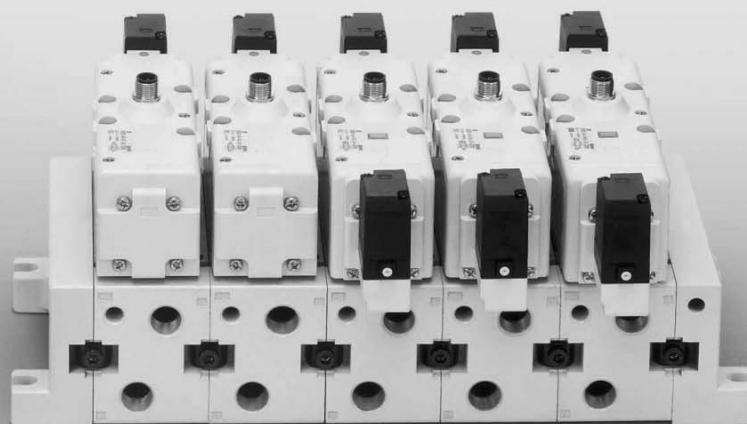
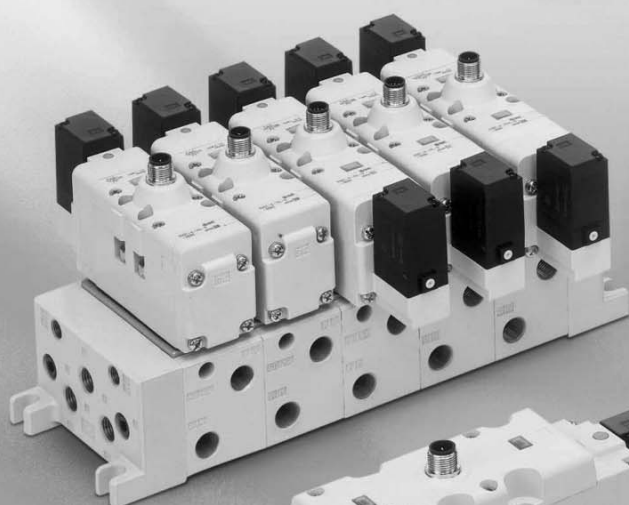


Conforming to ISO Standard Solenoid Valve (with M12 Connector) Series *EVS7-6/7-8/7-10*

(Size 1) (Size 2) (Size 3)



Large capacity

	Flow rate	Cylinder driving size
EVS7-6 (Size 1)	1200 ℓ /min (ANR)	$\varnothing$ 100
EVS7-8 (Size 2)	3000 ℓ /min (ANR)	$\varnothing$ 160
EVS7-10 (Size 3)	5500 ℓ /min (ANR)	$\varnothing$ 200

*Rubber seal, single type

Lightweight

Size 1 (3 position): 0.55 kg

Size 2 (3 position): 0.80 kg

Size 3 (3 position): 1.13 kg

Interface conforms to ISO standard

Size 1 (**EVS7-6**), Size 2 (**EVS7-8**), and Size 3 (**EVS7-10**)
Conform to ISO5599/1

Accommodates enclosure IP65

Dust/Splashproof type

Reduced installation space

Up to 7% reduction in square area installation (compared to Series EVS7)
Up to 35% reduction in cubic area installation (for Cnomo)

Wide variety of manifold option

VK

VZ

VF

VFR

VP4

VZS

VFS

VS4

VQ7

EVS

VFN

ISO Standard Solenoid Valve

Size 1, 2, 3/Single Unit

Series *EVS7-6/7-8/7-10*

How to Order

Valve

EVS7 — **6** — **FG** — **S** — **3** — — — — **M0**

Size

6	Size 1
8	Size 2
10	Size 3

Passage symbol

FG	
FHG	
FJG	
FIG	
FPG*	

* Available for 7-6 and 7-8 only

Number of solenoids

S	Single
D	Double

Rated coil voltage

3	24 VDC
4	12 VDC
9	Voltage other than above (50 VDC or less)

Option

Nil	None
Z	Light/Surge voltage suppressor

Thread type

Nil	Rc
F	G
T	NPTF

Port size

Symbol	Piping specifications	Size 1	Size 2	Size 3
Nil	Without sub-plate	○	○	○
A02	Side-ported 1/4	○		
A03	Side-ported 3/8	○	○	
A04	Side-ported 1/2		○	○
A06	Side-ported 3/4		○	○
A10	Side-ported 1			○
B02	Bottom-ported 1/4	○		
B03	Bottom-ported 3/8	○	○	
B04	Bottom-ported 1/2		○	○
B06	Bottom-ported 3/4		○	○

Sealing type

Nil	Metal seal
R	Rubber seal

Sub-plate

VS7 — **1** — **A02** — —

Size

1	Size 1
2	Size 2
3	Size 3

Port size

Symbol	Piping specifications	Size 1	Size 2	Size 3
A02	Side-ported 1/4	○		
A03	Side-ported 3/8	○	○	
A04	Side-ported 1/2		○	○
A06	Side-ported 3/4		○	○
A10	Side-ported 1			○
B02	Bottom-ported 1/4	○		
B03	Bottom-ported 3/8	○	○	
B04	Bottom-ported 1/2		○	○
B06	Bottom-ported 3/4		○	○

Thread type

Nil	Rc
F	G
T	NPTF

Specifications

Model	Piping specifications			Weight (kg)
	Piping direction	Port size for 1(P), 2(B), 4(A)	Port size for 3(R2), 5(R1)	
VS7-1-A02	Horizontal	1/4	3/8	0.37
VS7-1-A03		3/8		
VS7-1-B02	Bottom	1/4	3/8	
VS7-1-B03		3/8		
VS7-2-A03	Horizontal	3/8		0.68
VS7-2-A04		1/2		
VS7-2-A06	Bottom	3/4		1.29
VS7-2-B03		3/8		0.68
VS7-2-B04		1/2		
VS7-2-B06		3/4		1.29
VS7-3-A04	Horizontal	1/2	3/4	1.50
VS7-3-A06		3/4		
VS7-3-A10		1	3/4	
VS7-3-B04	Bottom	1/2		
VS7-3-B06		3/4		

Series EVS7-□

Model

Series EVS7-6



Positions			Bore size	Flow characteristics					
				1 → 4, 2 (P → A, B)			4, 2 → 5, 3 (A, B → EA, EB)		
				C	b	Cv	C	b	Cv
2 position	Single	Metal seal	1/4	4.1	0.10	0.9	5.2	0.07	1.1
		Rubber seal		5.0	0.13	1.1	6.0	0.11	1.4
	Double	Metal seal		4.1	0.10	0.9	5.2	0.07	1.1
		Rubber seal		5.0	0.13	1.1	6.0	0.11	1.4
3 position	Closed center	Metal seal		4.1	0.10	0.9	5.2	0.10	1.1
		Rubber seal		5.0	0.13	1.1	5.6	0.20	1.3
	Exhaust center	Metal seal		4.1	0.10	0.9	5.2	0.10	1.1
		Rubber seal		4.8	0.16	1.1	6.0	0.17	1.4
	Pressure center	Metal seal		4.1	0.10	0.9	5.2	0.08	1.1
		Rubber seal		5.6	0.15	1.2	5.9	0.08	1.3
	Perfect type	Metal seal		1.4	—	—	3.1	—	—
		Rubber seal		1.4	—	—	3.1	—	—

Series EVS7-8



Positions			Bore size	Flow characteristics					
				1 → 4, 2 (P → A, B)			4, 2 → 5, 3 (A, B → EA, EB)		
				C	b	Cv	C	b	Cv
2 position	Single	Metal seal	3/8	10	0.18	2.4	12	0.24	3.0
		Rubber seal		12	0.24	3.0	13	0.27	3.3
	Double	Metal seal		10	0.18	2.4	12	0.24	3.0
		Rubber seal		12	0.24	3.0	13	0.27	3.3
3 position	Closed center	Metal seal		10	0.28	2.4	10	0.24	2.4
		Rubber seal		11	0.25	2.8	11	0.27	2.8
	Exhaust center	Metal seal		10	0.16	2.4	10	0.20	2.4
		Rubber seal		11	0.26	2.8	13	0.27	3.3
	Pressure center	Metal seal		10	0.26	2.4	11	0.25	2.8
		Rubber seal		13	0.27	3.3	12	0.29	3.0
	Perfect type	Metal seal		7.2	—	—	7.0	—	—
		Rubber seal		7.2	—	—	7.0	—	—

Series EVS7-10



Positions			Bore size	Flow characteristics					
				1 → 4, 2 (P → A, B)			4, 2 → 5, 3 (A, B → EA, EB)		
				C	b	Cv	C	b	Cv
2 position	Single	Metal seal	1/2	13	0.10	3.0	18	0.10	4.0
		Rubber seal		16	0.20	4.0	18	0.20	4.4
	Double	Metal seal		13	0.10	3.0	18	0.10	4.0
		Rubber seal		16	0.20	4.0	18	0.20	4.4
3 position	Closed center	Metal seal		13	0.10	3.0	18	0.10	4.0
		Rubber seal		15	0.20	3.5	15	0.20	3.7
	Exhaust center	Metal seal		13	0.10	3.0	18	0.10	4.0
		Rubber seal		16	0.20	4.0	16	0.20	4.0
	Pressure center	Metal seal		13	0.10	3.0	18	0.10	4.0
		Rubber seal		15	0.20	3.8	19	0.10	4.4