



Specification Sheet

3-Way Normally Open Solenoid Valves 12-Volt DC

Performance Data

Temperature Range	Media
20° to 120° F	Compatible w/ seals

Product Number	Operating Pressure (psi)	Series	Cv	Flow (scfm)		Fill sec/in ³ 0-90 psi	Exhaust sec/in ³ 100-10 psi
				50 psi	Max. psi		
S15MM-31-12-0B	75	15 mm	.034	1.40	2.10 @ 75 psi (5 bar)	.10	.16
S15MM-31-12-0C	105	15 mm	.026	1.00	1.90 @ 105 psi (7 bar)	.21	.19
S15MM-31-12-0D	150	15 mm	.028	1.10	3.10 @ 150 psi (10 bar)	.12	.17
S8-31-12-0	0 to 150	System 8	.074	2.83	6.2 @ 125 psi	.05	.08
S10MM-31-12-2	105	10 mm	.010	.38	.79 @ 105 psi (7 bar)	.40	.42
S15MM-31-12-2B	75	15 mm	.034	1.40	2.10 @ 75 psi (5 bar)	.10	.16
S15MM-31-12-2C	105	15 mm	.026	1.00	1.90 @ 105 psi (7 bar)	.21	.19
S15MM-31-12-2D	150	15 mm	.028	1.10	3.10 @ 150 psi (10 bar)	.12	.17
S10MM-31-12-3	105	10 mm	.010	.38	.79 @ 105 psi (7 bar)	.40	.42
S15MM-31-12-3B	75	15 mm	.034	1.40	2.10 @ 75 psi (5 bar)	.10	.16
S15MM-31-12-3C	105	15 mm	.026	1.00	1.90 @ 105 psi (7 bar)	.21	.19
S15MM-30-12-3D	150	15 mm	.028	1.10	3.10 @ 150 psi (10 bar)	.12	.17
S10MM-30-12-4	105	10 mm	.013	.54	1.05 @ 105 psi (7 bar)	.28	.32
S15MM-30-12-4B	75	15 mm	.034	1.40	2.10 @ 75 psi (5 bar)	.10	.16
S15MM-31-12-4C	105	15 mm	.026	1.00	1.90 @ 105 psi (7 bar)	.21	.19
S15MM-30-12-4D	150	15 mm	.028	1.10	3.10 @ 150 psi (10 bar)	.12	.17

When design makes data critical- contact factory for confirmation. All published information is based on usual manufacturing standards and product applications and is for general reference purposes. Supplied information is in no way a representation of a warranty for product.

Electrical Performance Data

	Voltage Tolerance	Response Time Energize	Response Time De-Energize	Copper Wire Insulation Class
10 mm	-5% to 10%	8 ms	10 ms	F 311°F (155°C)
15 mm	-5% to 10%	10 ms	12 ms	F 311°F (155°C)
System 8	-10% to 10%	8 ms	9 ms	F 311°F (155°C)

Materials

10 mm
Glass Filled Nylon Body, Buna-N Seals, Stainless Steel Springs, Copper Wire Coil, Stainless Steel Core

System 8
Polyamide Body, Viton® Seals, Enameled Copper Wire Coil, Cr-Ni-Steel Plunger and Core, Brass Armature

15 mm
Glass Filled Nylon Body, Buna-N Seals, Stainless Steel Springs, Copper Wire Coil, Stainless Steel Core