

Solenoid Valve

Valves

On/Off and 2-Way | High Flows

Featuring up to 18 GPM in on/off configuration, our solenoids for high flows use a single host to control whatever segments you break the fluid into. They can handle both fluid and water-soluble

chemical mixtures. Each one provides quick component attachment with full air control within the flow.



SV.1999A.1V.WP



TIR E-CHIP® COMPATIBLE

SV.2100C.1V.WP



TIR E-CHIP® COMPATIBLE

SV.2500B.1.WP



TIR E-CHIP® COMPATIBLE

SV.2502B.1.WPWP



TIR E-CHIP® COMPATIBLE

SPECS	SV.1999A.1V.WP	SV.2100C.1V.WP	SV.2500B.1.WP	SV.2502B.1.WP
TIR E-CHIP®	SV.1999A.1V.WP.C	SV.2100C.1V.WP.C	SV.2500B.1.WP.C	SV.2502B.1.WP.C
TYPE	2-Way Pilot Operating	2-Way Direct Operating	2-Way Direct Operating	2-Way Direct Operating
MAXIMUM PRESSURE*	175 PSI (1200 kPa)	125 PSI (861 kPa)	100 PSI (689 kPa)	175 PSI (1200 kPa)
GPM	0-18 (65 LPM)	0-10 (38 LPM)	0-10 (38 LPM)	0-8 (35 LPM)
PRESSURE DROP	5 PSI at 18 GPM	7.5 PSI at 10 GPM	5 PSI at 10 GPM	5 PSI at 8 GPM
VOLTAGE	12-Volt DC 24-Volt DC Available	12-Volt DC	12-Volt DC	12-Volt DC
STD. CURRENT DRAW	1.1 AMPS	2 AMPS	2 AMPS	2 AMPS
CV RATING	8.0	3.6	4.5	3.6
VALVE HOUSING	Glass-Filled Nylon	Glass-Filled Nylon	Glass-Filled Nylon	Glass-Filled Nylon
WETTED METAL PARTS	304 & 430F Stainless Steel	430F Stainless Steel	430F Stainless Steel	430F Stainless Steel
COIL	Epoxy Encapsulated	Epoxy Encapsulated	Epoxy Encapsulated	Epoxy Encapsulated
VALVE	Normally Closed	Normally Closed	Normally Closed	Normally Closed
DIAPHRAGM/SEAT/SEALS	Viton Aflas Available Viton A Available	Viton	Viton	Viton
TERMINALS	Weather Pack .25" Spade Available	Weather Pack .25" Spade Available	Weather Pack .25" Spade Available	Weather Pack .25" Spade Available
INLETS/OUTLETS	1" NPT Female Bypass Inlet 1" NPT Male Bypass Outlet .75" Female Boom Outlet	.75" NPT Female Bypass Inlet .75" NPT Male Bypass Outlet .5" NPT Female Boom Outlet	.75" NPT Female Bypass Inlet .75" NPT Male Bypass Outlet .5" NPT Female Boom Outlet	.75" NPT Female Bypass Inlet .75" NPT Male Bypass Outlet .5" NPT Female Boom Outlet
OPTIONAL				
TIR E-CHIP® CURRENT DRAW	1.1 AMPS draw reduces to .36 AMPS at 1 second	2 AMPS draw reduces to .6 AMPS at 1 second	2 AMPS draw reduces to .6 AMPS at 1 second	2 AMPS draw reduces to .6 AMPS at 1 second
ACCESSORIES				
REPAIR KITS	KT.2517 - Viton Repair Kit KT.2518 - Aflas Repair Kit	KT.2604 - Viton Repair Kit	KT.2352 - Viton Repair Kit	KT.2352 - Viton Repair Kit
MOUNTING BRACKETS	BKT.1988 - Single Valve BKT.1989 - Two Valves BKT.1990 - Three Valves	BKT.2148 - Single Valve BKT.2149 - Two Valves BKT.2151 - Three Valves	BKT.2148 - Single Valve BKT.2149 - Two Valves BKT.2151 - Three Valves	BKT.2148 - Single Valve BKT.2149 - Two Valves BKT.2151 - Three Valves

*Maximum Pressure Calculations based on 13.4V D.C.



All Valves are available in single, double or triple banks

◀ SV.2502B.3.WP

How to order:

Specify Mnf Part #.

Example: SV.1999A.1V.WP

Solenoid Valve

Valves

On/Off and 2-Way | Low to Medium Flows

These Solenoid On/Off and 2-Way Valves give you the power to control and mix harsh chemicals easily and reliably with precision on/off functionality. These valves also feature quick

component attachment, the ability to control air, and are ideal for low pressure, low to medium volume flows.



SV.2501B.WP



SV.3002A.WP



SV.3008A.WP



SV.3012A.WP



SV.3018A.WP

TIR E-CHIP® COMPATIBLE EMI

TIR E-CHIP® COMPATIBLE

TIR E-CHIP® COMPATIBLE

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TIR E-CHIP® COMPATIBLE

SPECS	SV.2501B.WP	SV.3002A.WP	SV.3008A.WP	SV.3012A.WP	SV.3018A.WP
TIR E-CHIP®	SV.2501B.WP.C	SV.3002A.WP.C	SV.3008A.WP.C	SV.3012A.WP.C	SV.3018A.WP.C
EMI	SV.2501B.WP.EMI				
TYPE	Direct Operating On/Off	Direct Operating On/Off	Direct Operating On/Off	2-Way Direct Operating	2-Way Direct Operating
MAXIMUM PRESSURE*	150 PSI (1034 kPa)	130 PSI (895 kPa)	40 PSI (275 kPa)	130 PSI (895 kPa)	40 PSI (275 kPa)
GPM	0-6 (22.7 LPM)	0-3.1 (11 LPM)	0-4 (15 LPM)	0-3.1 (11 LPM)	0-4 (15 LPM)
PRESSURE DROP	5 PSI at 6 GPM	4.5 PSI at 3.1 GPM	5 PSI at 4 GPM	4.5 PSI at 3.1 GPM	5 PSI at 4 GPM
VOLTAGE	12-Volt DC	12-Volt DC	12-Volt DC	12-Volt DC	12-Volt DC
STD. CURRENT DRAW	2 AMPS	1.7 AMPS	1.1 AMPS	1.1 AMPS	1.1 AMPS
CV RATING	2.7	1.48	1.83	1.48	1.83
VALVE HOUSING	Glass-Filled Nylon	Glass-Filled Nylon	Glass-Filled Nylon	Glass-Filled Nylon	Glass-Filled Nylon
WETTED METAL PARTS	430F Stainless Steel	430F Stainless Steel	430F Stainless Steel	430F Stainless Steel	430F Stainless Steel
COIL	Epoxy Encapsulated	Epoxy Encapsulated	Epoxy Encapsulated	Epoxy Encapsulated	Epoxy Encapsulated
VALVE	Normally Closed	Normally Closed	Normally Closed	Normally Closed	Normally Closed
DIAPHRAGM/SEAT/SEALS	Viton	Viton	Viton	Viton	Viton
TERMINALS	Weather Pack .25" Spade Available	Weather Pack .25" Spade Available	Weather Pack .25" Spade Available	Weather Pack .25" Spade Available	Weather Pack .25" Spade Available
INLETS/OUTLETS	.5" NPT Female Inlet .5" NPT Female Outlet	.5" NPT Female Inlet .5" NPT Female Outlet	.5" NPT Female Inlet .5" NPT Female Outlet	.75" NPT Female Inlet .75" NPT Male Bypass Outlet .5" NPT Female Boom Outlet	.75" NPT Female Inlet .75" NPT Male Bypass Outlet .5" NPT Female Boom Outlet
OPTIONAL					
TIR E-CHIP® CURRENT DRAW	2 AMPS reduces to .6 AMPS at 1 second	1.7 AMPS reduces to .56 AMPS at 1 second	1.1 AMPS reduces to .36 AMPS at 1 second	1.1 AMPS reduces to .36 AMPS at 1 second	1.1 AMPS reduces to .36 AMPS at 1 second
EMI CURRENT DRAW	1.6 AMPS				

How to order:

Specify Mnf Part #.
Example: SV.2501B.WP

*Maximum Pressure Calculations based on 13.4V D.C.

Solenoid Valve

Valves

On/Off Low Flows

The Small Solenoid Valves are ideal for placement in end nozzles, foam markers, small sprayers and chemical injection systems. With quick component attachment and fully encapsulated,

waterproof coils, these valves give you total, precise control over the spray tip and air flow.



SV.2201A.WP


TIR E-CHIP® COMPATIBLE


SV.2202A.WP


TIR E-CHIP® COMPATIBLE

SV.2203A.WP


TIR E-CHIP® COMPATIBLE

SV.2206A.WP


TIR E-CHIP® COMPATIBLE

SPECS	SV.2201A.WP	SV.2202A.WP	SV.2203A.WP	SV.2206A.WP
TIR E-CHIP®	SV.2201A.WP.C	SV.2202A.WP.C	SV.2203A.WP.C	SV.2206A.WP.C
EMI	SV.2201A.WP.EMI			
PUSH-TO-CONNECT	SV.4051.WP.C	SV.4050.WP.C		
TYPE	Direct Operating On/Off	Direct Operating On/Off	Direct Operating On/Off	Direct Operating On/Off
MAXIMUM PRESSURE*	125 PSI (861 kPa)	80 PSI (551 kPa)	175 PSI (1200 kPa)	200 PSI (1378 kPa)
GPM	0–1 (3.79 LPM)	0–1 (3.79 LPM)	0–.5 (1.9 LPM)	0–.22 (0.85 LPM)
PRESSURE DROP	5 PSI at 1 GPM	5 PSI at 1 GPM	3.5 PSI at .5 GPM	5 PSI at .22 GPM
VOLTAGE	12-Volt DC	12-Volt DC	12-Volt DC	12-Volt DC
STD. CURRENT DRAW	1.1 AMPS	.85 AMPS	.85 AMPS	.85 AMPS
CV RATING	0.45	0.45	0.26	0.1
VALVE HOUSING	Glass-Filled Nylon	Glass-Filled Nylon	Glass-Filled Nylon	Glass-Filled Nylon
WETTED METAL PARTS	304 and 430F Stainless Steel	304 and 430F Stainless Steel	304 and 430F Stainless Steel	304 and 430F Stainless Steel
COIL	Epoxy Encapsulated	Epoxy Encapsulated	Epoxy Encapsulated	Epoxy Encapsulated
VALVE	Normally Closed	Normally Closed	Normally Closed	Normally Closed
DIAPHRAGM/SEALS	Viton	Viton	Viton	Viton
TERMINALS	Weather Pack .25" Spade Available	Weather Pack .25" Spade Available	Weather Pack .25" Spade Available	Weather Pack .25" Spade Available
STD. INLETS/OUTLETS	.25" NPT Female Inlet .25" NPT Female Outlet Push-To-Connect Attachments available	.25" NPT Female Inlet .25" NPT Female Outlet Push-To-Connect Attachments available	.25" NPT Female Inlet .25" NPT Female Outlet	.25" NPT Female Inlet .25" NPT Female Outlet
OPTIONAL				
TIR E-CHIP® CURRENT DRAW	1.1 AMPS reduces to .36 AMPS at 1 second	.85 AMPS reduces to .26 AMPS at 1 second	.85 AMPS reduces to .26 AMPS at 1 second	.85 AMPS reduces to .26 AMPS at 1 second
EMI CURRENT DRAW	1.6 AMPS			
PUSH-TO-CONNECT SPECS				
PTC INLET/OUTLET FITTINGS	3/8" OD Tube Fitting	3/8" OD Tube Fitting		
PTC TUBE TYPE COMPATIBILITY	Plastic Soft Metal	Plastic Soft Metal		
PTC COMPOSITION	Collet Gripper Viton O-Ring Stainless Steel Teeth Plastic Half-Cartridge	Collet Gripper Viton O-Ring Stainless Steel Teeth Plastic Half-Cartridge		

*Maximum Pressure Calculations based on 13.4V D.C.



Available with EMI capability

EMI (Electro Magnetic Interference) reduces peak spikes.

How to order:

Specify Mnf Part #.

Example: SV.2201A.WP



Solenoid Valve

Valves

On/Off | Low Flows

Designed specifically for spraying, these valves give you precise control of the spray nozzle. They can accommodate multiple spray tips and patterns at the same time and are recommended for boom end nozzles,

individual nozzle shutoffs and where instantaneous opening and shutoff are desirable. Our nozzle body outlets are compatible with most industry-standard quick connect nozzle caps.



SPECS	NB.2601A.WP	NB.2602A.WP	NB.2603A.WP
TYPE	Direct Operating On/Off	Direct Operating On/Off	Direct Operating On/Off
MAXIMUM PRESSURE*	125 PSI (861 kPa)	80 PSI (551 kPa)	175 PSI (1200 kPa)
GPM	0-1 (3.79 LPM)	0-1 (3.79 LPM)	0-.5 (1.9 LPM)
PRESSURE DROP	5 PSI at 1 GPM	5 PSI at 1 GPM	3.5 PSI at .5 GPM
VOLTAGE	12-Volt DC	12-Volt DC	12-Volt DC
STD. CURRENT DRAW	1.1 AMPS	.85 AMPS	.85 AMPS
CV RATING	0.45	0.45	0.26
VALVE HOUSING	Glass-Filled Nylon	Glass-Filled Nylon	Glass-Filled Nylon
WETTED METAL PARTS	304 and 430F Stainless Steel	304 and 430F Stainless Steel	304 and 430F Stainless Steel
COIL	Epoxy Encapsulated	Epoxy Encapsulated	Epoxy Encapsulated
VALVE	Normally Closed	Normally Closed	Normally Closed
SEALS	Viton	Viton	Viton
TERMINALS	Weather Pack	Weather Pack	Weather Pack
INLETS/OUTLETS	.25" NPT Female Inlet .25" Nozzle Body Outlet	.25" NPT Female Inlet .25" Nozzle Body Outlet	.25" NPT Female Inlet .25" Nozzle Body Outlet

*Maximum Pressure Calculations based on 13.4V D.C.

How to order:

Specify Mnf Part #.

Example: NB.2602A.WP

Poly Shutoff Valves

Valves

Single and double garden hose valves with 3/4" GHT. 100 PSI maximum operating pressure. ABS construction.

Mnf Part Number	Description
G 3434 V	3/4" Female GHT (inlet) x 3/4" Male GHT (1 outlet)

