

Parker Solenoid Valves with Manual Override

For equipment test and power outage



Product

Parker's locking manual override option for 2-way and 3-way stainless steel and brass solenoid valves provide more application solutions.

Solenoid valves are designed to start and stop the flow of media when directed by an electrical signal. When electricity is not available to shift the valve into the 'on' position, a mechanical method must be used. These valves have this option.

Instances where non-electrical valve function may be required include checking a system during start up, trouble shooting a problem or operation in a power failure.

For industrial processes where manual override is required, Parker solenoid valves with manual override are the ideal solution.

Parker's Fluid Control Division has always offered 4-way pneumatic valves for valve actuation with manual override. Now, manual override is an option in the multi-media solenoid valves as well.



Markets

- Industrial equipment process
- Energy (solar power)
- Agriculture
- Transportation

Applications

- Instrumentation equipment
- Analyzers and diagnostic equipment
- Process control
- Lubrication equipment
- Pilot valve actuation
- Mobile fuel shut off
- Textile and dry cleaning equipment
- Irrigation systems

Benefits

- Locking manual override
- Compact design
- Compatible with all coils in valve family
- Brass or Stainless with NBR seals
- 2" NPT valves have a slow close feature to prevent water hammer

Technical Data

- 2-way and 3-way configurations
- Flow factors up to 38.6
- Operating Pressure up to 230 psi
- Available in 1/4" to 2" NPT brass or 1/4" NPT stainless steel



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Valve Assembly Part Numbers

Pipe Size NPT	Orifice Size (in)	Flow Factor (Cv)	Operating Pressure Differential (psi)				Watts	Voltage	Valve Assembly Number
			Min	Air Inert Gas	Water	Light Oil			

2 Way Normally Closed Stainless Steel with NBR Seals

1/4"	1/8	.28	0	200	200	200	10	120/60	71215SN2MNM0NOC111P3
1/4"	1/8	.28	0	150	150	150	10	24 VDC	71215SN2MNM0NOC111C2

2 Way Normally Closed Brass with NBR Seals

1/2"	5/8	4	0	150	150	150	11	120/60	08F23C2140ACF4C05M*
1/2"	5/8	4	0	40	40	-	11.5	24 VDC	08F23C2140A3F4C80M*
1/2"	5/8	4	5	250	220	220	11	120/60	08F22C2140ACF4C05M
1/2"	5/8	4	5	125	100	100	11.5	24 DC	08F22C2140A3F4C80M
3/4"	3/4	5	0	150	150	150	11	120/60	12F23C2148ACF4C05M*
3/4"	3/4	5	0	40	40	-	11.5	24 VDC	12F23C2148A3F4C80M*
3/4"	3/4	5	5	125	125	125	11	120/60	12F22C2148ACF4C05M
3/4"	3/4	5	5	100	90	75	11.5	24 VDC	12F22C2148A3F4C80M
1"	1	13	5	150	150	100	6	120/60	16F24C2164AAF4C05M
1"	1	13	5	125	125	125	11.5	24 VDC	16F24C2164A3F4C80M
1 1/2"	1 1/4	22.5	5	150	150	100	6	120/60	24F24C2180AAF4C05M
1 1/2"	1 1/4	22.5	5	125	125	125	11.5	24 VDC	24F24C2180A3F4C80M
2"	1 9/16	38.6	5	230	230	230	10	120/60	7321GBN99NMCNOC111P3
2"	1 9/16	38.6	5	200	200	200	10	24 VDC	7321GBN99NMCNOC111C2

3 Way Normally Closed Stainless Steel with NBR Seals

1/4"	3/64 x 1/16	.062 x .095	0	250	250	250	10	120/60	71315SN2ENM5NOC111P3
1/4"	3/64 x 1/16	.062 x .095	0	250	250	250	10	24VDC	71315SN2ENM5NOC111C2
1/4"	3/32 x 3/32	.17 x .17	0	125	125	125	10	120/60	71315SN2KNM5NOC111P3
1/4"	3/32 x 3/32	.17 x .17	0	125	125	125	10	24VDC	71315SN2KNM5NOC111C2

3 Way Normally Closed Brass with FKM Seals

1/4"	5/64 x 1/8	.17 x .31	0	150	150	150	10	120/60	7131TBN2JVM0NOC111P3
1/4"	5/64 x 1/8	.17 x .31	0	150	150	150	10	24VDC	7131TBN2JVM0NOC111C2
1/4"	3/32 x 9/64	.24 x .38	0	110	110	110	10	120/60	7131TBN2LVM0NOC111P3
1/4"	3/32 x 9/64	.24 x .38	0	110	110	110	10	24VDC	7131TBN2LVM0NOC111C2

3 Way Multipurpose Brass with FKM Seals

1/4"	5/64 x 5/64	.17 x .17	0	100	100	100	10	120/60	7133TBN2JVM0NOC111P3
1/4"	5/64 x 5/64	.17 x .17	0	100	100	100	10	24VDC	7133TBN2JVM0NOC111C2

* Direct Lift Valves (0 minimum pressure differential) will open at zero differential pressure, however, full flow through the valve will be achieved at approximately 5 psi differential.

Ordering

For simplicity, valves are shown with 1/2" conduit enclosures and 120/60 or 24 VDC coils. For other voltages or DIN coils, please contact the factory.

Questions regarding this information can be directed to Technical Support at 1-860-827-2300.

