

BRONZE SOLENOID VALVES
Dependable • Packless

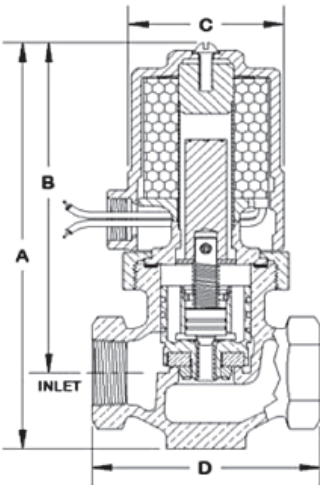


“SANDY WELL WATER” FULL PORT - NORMALLY CLOSED
1/2” TO 3” PIPE SIZE

NO DIFFERENTIAL PRESSURE REQUIRED TO OPEN

OPERATION:

Valve opens when energized and closes when de-energized. When the coil is energized the pilot valve opens, relieving the pressure above the piston, which is then lifted from its seat by the plunger. Upon de-energizing the coil, a spring closes the pilot valve and opens a bleed passageway to permit pressure to build above the piston and seat it.



CONSTRUCTION: (* Wetted parts)

- *Valve Body - Cast Bronze, Globe Pattern - NPT ends
- *Piston - Bronze
- Coil Enclosure - Malleable or Cast Iron, 1/2” NPS conduit conn.
- *Plunger - 430 Stainless Steel
- *Pilot Valve - 303 Stainless Steel
- *Bonnet Tube - 304 Stainless Steel
- *Spring - 302 Stainless Steel
- *Body Seal - Buna N or Non Asbestos Gasket
- *Orifice Seal - Buna N (Viton or Glass Filled Teflon available)
- *AC Shading Coil - Copper
- *Stem Pin - Inconel
- Coil - Encapsulated Class B, 18” leads - (Class H available)

APPLICATION:

To control the flow of “Sandy Well Water”, the valve is designed with the piston and other components “turned down”, offering additional clearance, allowing the valve to operate with fluids containing some sediment typically found in well water. Valve operates from zero to maximum differential pressure indicated in table. Valve must be mounted in horizontal pipe with solenoid enclosure vertical and on top.

MAX. FLUID TEMP.
212° F
MAX. STATIC PRESSURE
300 PSI
Except valves listed for 500 PSI



FOR OPTIONS & ACCESSORIES
SEE PAGES 26 & 27

Strainers are recommended for use with solenoid valves (See page 19)

When you order please supply the following:

- Pipe Size
- Valve Type
- Voltage (AC or DC)
- Hertz
- Fluid
- Fluid Temperature
- Max. Diff. Pressure
- Optional Features

(See pages 26 & 27)

Pipe Size Inches	Max Diff. PSI	Type No.	Watts AC	Watts AC	Ship Wt. Lbs.	Dimension In Inches			
						A	B	C	D
1/2	50	18A22-V	25	18	8	7	5-7/8	2-3/4	3-1/4
	80	118A22-V	40	28					
3/4	50	18A23-V	25	18	8	7-1/8	6	2-3/4	3-1/2
	75	118A23-V	40	28					
	125	233A23-V	80	40					
1	50	18A24-V	25	18	10	7-7/8	6-5/8	2-3/4	4-1/8
	75	118A24-V	40	28					
	125	133A24-V	65	33					
	200	233A24-V	80	N/A					
1-1/4	50	18A25-V	25	18	12	8-3/8	6-3/4	2-3/4	4-1/2
	75	118A25-V	40	28					
	110	133A25-V	65	33					
	300	140A45-V	85	N/A					
1-1/2	50	35A26-V	45	23	20	10	8-1/8	4	4-7/8
	75	135A26-V	65	33					
	125	41A26-V	60	35					
2	30	36A17-V	45	23	31	11	8-3/4	5-3/8	6
	50	136A17-V	65	33					
	75	136A27-V	65	33					
	125	42A27-V	60	35					
2-1/2	30	43A18-V	60	35	43	12-7/8	10-1/8	5-7/8	7-1/4
	50	143A18-V	85	45					
	75	243A18-V	115	65					
	185	142A27-V	85	45					
3	30	44A19-V	60	35	56	13-3/4	10-1/2	6-5/8	8-3/8
	50	144A19-V	85	45					
	75	244A19-V	115	65					

†† Not available for DC operation