DIAPHRAGM VALVE 1" - 3" MODEL 2265

PRESSURE REDUCING/SURGE ANTICIPATION SOLENOID

NORMALLY OPEN VALVE



SPECIFICATIONS

Operating Pressure:2 to 200 PSIRegulating Range:5 to 125 PSIMaterial:Cast Iron and Bronze

End Connections: NPT (BSPT Optional)

Voltage Operating Range: 22-28 VAC Low Current Requirement: 0.40 A at 24 VAC

Assembly: Valve comes fully assembled
Optional: Purple Handle for Reclaimed Water

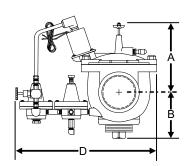
Optional: Epoxy Coating

Optional: DC Latching Solenoid (6-40VDC)

DIMENSIONS & WEIGHTS (NOMINAL)

SIZE	MODEL NO.	A (IN)	B (IN)	C (IN)	D (IN)	APPROX SHIP WT IN LBS				
1"	2265H	4.25	2.50	4.50	10.00	12				
1-1/4"	2265J	4.25	2.75	4.50	10.00	11				
1-1/2"	2265K	6.00	3.00	5.50	10.00	19				
2"	2265L	6.00	3.25	7.50	12.00	23				
2-1/2"	2265M	6.25	3.25	7.50	12.00	27				
3"	2265N	6.50	4.50	8.50	12.50	29				





PRESSURE LOSS (PSI) AT VARIOUS FLOWRATES

SIZE	FLOW	Cv		FLOWRATE (GPM)																											
PATTERN	PATTERN	0,	10	15	20	25	30	35	40	44	50	55	60	65	70	80	90	100	120	140	160	180	200	225	250	275	300	325	350	375	400
4"	STRAIGHT	13.50	1.0	1.24	2.2	3.4	5.0	6.7	8.8	11.1	13.7	16.6	19.7																		
	ANGLE	15.30			1.7	2.7	3.9	5.2	6.8	8.6	10.7	12.9	15.4																		
1-1/4"	STRAIGHT	16.60			1.5	2.3	3.3	4.5	5.8	7.4	9.1	11.0	13.1	15.3	17.8					CONSULT W			ITH	FAC	ror'	Y IN	THIS	S RA	NGE		
1-1/4	ANGLE	17.80			1.3	2.0	2.8	3.9	5.1	6.4	7.9	9.6	11.4	13.3	15.5															•	
4.4/0"	STRAIGHT	26.00					1.3	1.8	2.4	3.0	3.7	4.5	5.0	5.4	7.3	9.5	12.0	14.8													
1-1/2"	ANGLE	29.00					1.1	1.5	1.9	2.4	3.0	3.6	4.3	5.9	6.3	7.6	9.7	11.9													
0"	STRAIGHT	52.00												1.6	1.8	2.4	3.0	3.7	5.3	7.3	9.5	12.0	14.8								
2"	ANGLE	57.00												1.3	1.5	2.0	2.5	3.1	4.4	6.1	7.9	10.0	12.3								
0.4/01	STRAIGHT	65.00		U	SE 1	1 PSI	DR	OP II	N TH	IS R	ANG	iΕ		1.0	1.2	1.5	1.9	2.4	3.4	4.6	6.1	7.7	9.5	12.0	14.8	17.9	21.3				
2-1/2"	ANGLE	72.00		•												1.2	1.6	1.9	2.8	3.8	4.9	6.3	7.7	9.8	12.0	14.6	17.4				
3"	STRAIGHT	83.00															1.2	1.5	2.1	2.8	3.7	4.7	5.8	7.3	9.1	11.0	13.1	15.3	17.8	20.4	23.2
3	ANGLE	92.00															1.0	1.2	1.7	2.3	3.0	3.8	4.7	6.0	7.4	8.9	10.6	12.5	14.5	16.6	18.9

APPLICATIONS

The 2265 Pressure Reducing Surge Anticipation Solenoid Valve offers maximum performance combined with the reliability you have come to expect from Griswold Controls. The valve is intended for use in a wide variety of irrigation systems and can be used on slopes, banks, and hilly terrain with no performance loss, making it the right choice for golf course irrigation. The 2265 is designed as a normally-open master valve for systems with high supply pressure and fast-acting valves. The 2265_R can be used with Reclaimed Water.

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CONTROLS

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PRESSURE REDUCING/SURGE ANTICIPATION SOLENOID

MODEL NUMBER SELECTION

2 2 6 5 Select a Housing Size (1"=H, 1-1/4"=J, 1-1/2"=K, 2"=L, 2-1/2"=M, 3"=N) Add an "R" for Reclaimed Water Add an "E" for Epoxy Add an "A" for Angle Configurations

DESCRIPTION

(Select all that apply)

- Normally Open: Energize Solenoid to Close Valve, De-Energize to Open Valve
- Lightning protected

Add a "D" for "DC-Latching Solenoid

- Watertight Epoxy Molded Solenoid Coil
- Slow Closing
- Surges Above Setting Are Automatically Relieved
- "No Surge or Hammer" Operation
- Will Throttle Against Flow Without Chatter
- Diaphragm-Disc Assembly Guided by Stainless Steel Stem in all Positions
- Completely Serviceable Without Removing Valve Body from the System

EFFECTIVE CLOSING TIME (GRISWOLD) HAMMER-FREE, **CHATTER-FREE** EFFECTIVE CLOSING TIME (ORDINARY VALVES) **CLOSING:** Instead of an abrupt, sudden **OPEN** closure, Griswold valves GRADUAL CLOSE OF GRISWOLD VALVES close gradually to eliminate water hammer and chatter, regardless of the throttled position of the diaphragm assembly. Notice in the graph how the closing action of the Griswold Valve compares to the abrupt closing action of ordinary valves. Closing speed depends on the size of the valve and flow velocity. A minimum of 5 seconds may be expected from Griswold Valves. CLOSED TIME

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F-4241G CONTROLS

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