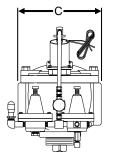
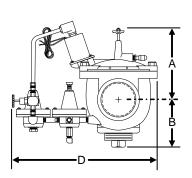
#### 1" - 3"

# **MODEL 2265**

# PRESSURE REDUCING/SURGE ANTICIPATION SOLENOID

#### NORMALLY OPEN VALVE





**Operating Pressure:** Regulating Range: Material: End Connections:

Voltage Operating Range:

Assembly:

Optional:

**Optional:** 

SPECIFICATIONS:

2 to 200 PSI 5 to 125 PSI Cast Iron and Bronze NPT (BSPT Optional) 22-28 VAC Low Current Requirement: 0.40 A at 24 VAC Valve comes fully assembled Purple Handle for Reclaimed Water Epoxy Coating

## 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)																											
PATT	PATTERN	01	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
1"	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	тw	ITH I	FAC	<b>FOR</b>	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																
1-1/2"	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													
2"	STRAIGHT	52.00												1.6	1.8	2.4	3.0	3.7	5.3	7.3	9.5	12.0	14.8								
	ANGLE	57.00												1.3	1.5	2.0	2.5	3.1	4.4	6.1	7.9	10.0	12.3								
0.4/0	STRAIGHT	65.00		U	SE 1	PSI	DRO	OP II	N TH	IS R	ANG	ε		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				
0.1	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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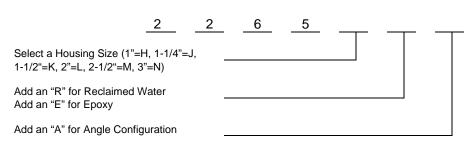
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## 1" - 3"

# PRESSURE REDUCING/SURGE ANTICIPATION SOLENOID

#### **MODEL NUMBER SELECTION**

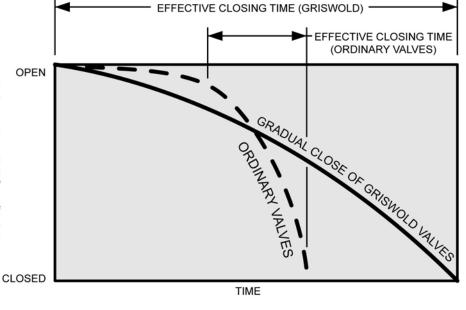


#### **DESCRIPTION:**

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

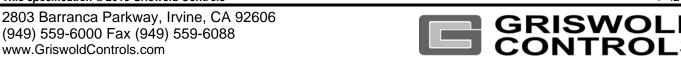
## HAMMER-FREE, **CHATTER-FREE** CLOSING:

Instead of an abrupt, sudden closure, 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.



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