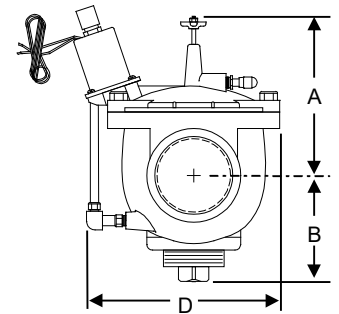
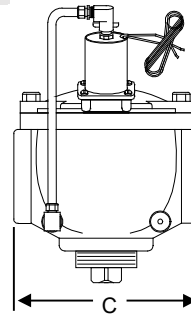


SPECIFICATIONS

Operating Pressure:	2 to 150 PSI
Material:	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"	2160H	4.25	2.50	4.50	4.50	7.75
1-1/4"	2160J	4.25	2.75	4.50	4.50	7.50
1-1/2"	2160K	6.00	3.00	5.50	5.50	12.25
2"	2160L	6.00	3.25	7.50	7.50	19
2-1/2"	2160M	6.25	3.25	7.50	7.50	22
3"	2160N	6.50	4.50	8.50	8.50	26



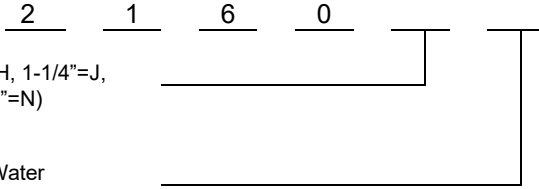
PRESSURE LOSS (PSI) AT VARIOUS FLOWRATES

SIZE	FLOW PATTERN	Cv	FLOWRATE (GPM)																																				
			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	CONSULT WITH FACTORY IN THIS RANGE																									
	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 WITH FACTORY IN THIS RANGE																								
	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	USE 1 PSI DROP IN THIS RANGE																						
	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	USE 1 PSI DROP IN THIS RANGE																
	ANGLE	57.00											1.3	1.5	2.0	2.5	3.1	4.4	6.1	7.9	10.0	12.3																	
2-1/2"	STRAIGHT	65.00															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	USE 1 PSI DROP IN THIS RANGE								
	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	USE 1 PSI DROP IN THIS RANGE						
	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 2160 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. The 2160 is designed for use as a normally-open master valve. The 2160_R can be used with Reclaimed Water.

MODEL NUMBER SELECTION

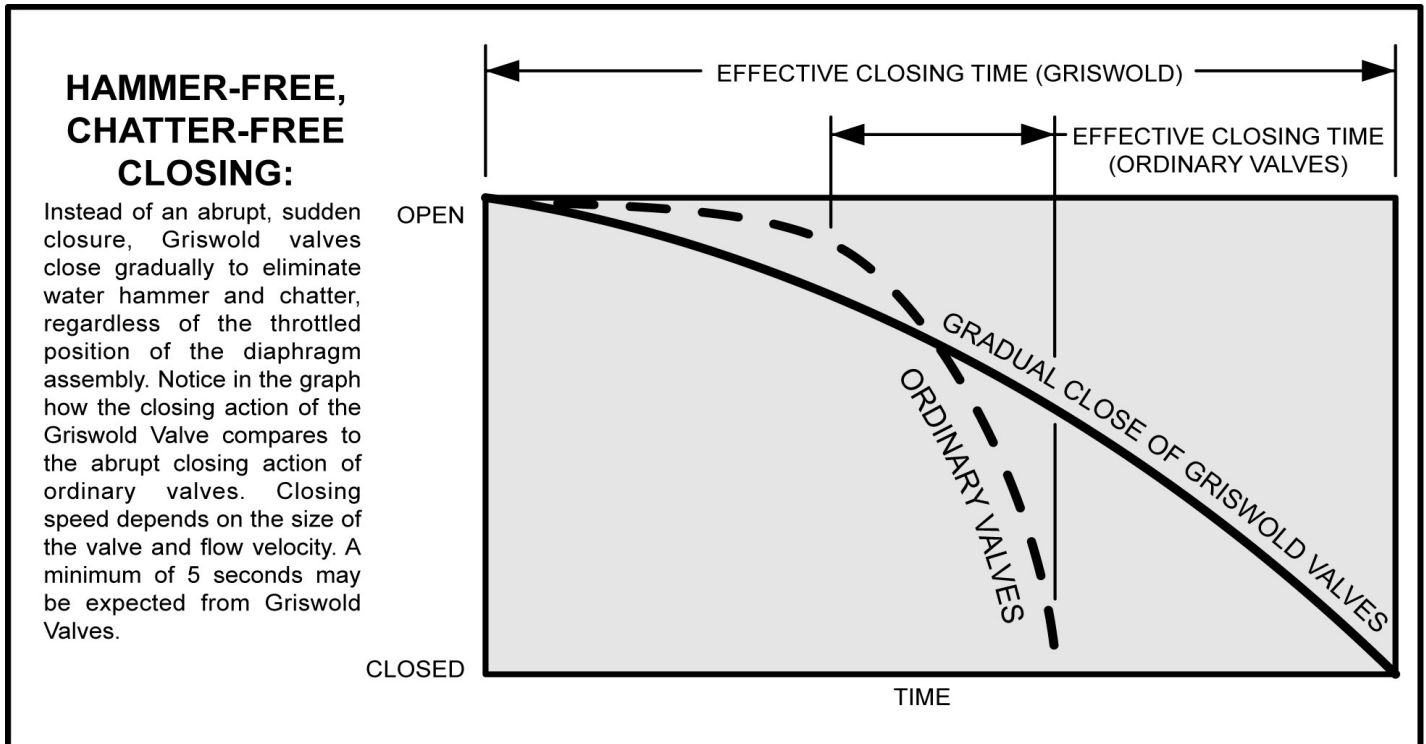


Select a Housing Size (1"=H, 1-1/4"=J, 1-1/2"=K, 2"=L, 2-1/2"=M, 3"=N)

Add an "E" for Epoxy
Add an "R" for Reclaimed Water
Add an "A" for Angle Configuration
Add a "D" for "DC-Latching Solenoid
(Select all that apply)

DESCRIPTION

- Normally Open: Energize Solenoid to Close Valve, De-energize to Open Valve
- On/Off Solenoid Control Valve
- Watertight Epoxy Molded Solenoid Coil
- Slow Closing
- "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.