

Features

- 2-Way Normally Closed operation.
- Die-cast aluminum bodies.
- Zero differential piloted diaphragm.
- For on-off control of fuel gas in commercial and industrial gas burners.
- Valves provided with pipe tap(s) with plug for routine testing.
- Suitable for ambient temperatures up to 175°F.

Construction

Valve Parts in Contact with Fluids	
Body	Aluminum
Seals and Disc	NBR
Washer	302 Stainless Steel
Core Tube	305 Stainless Steel
Core and Plugnut	430F Stainless Steel
Core Guide	CA
Springs	302F Stainless Steel
Shading Coil	Copper
Body Gasket	Cork
Pipe Plug	Zinc-Plated Steel

Electrical

Standard Coil and Class of Insulation	Watt Rating and Power Consumption			Ambient Temp. °F	Spare Coil Part No.	
	AC				General Purpose	Explosionproof
	Watts	VA Holding	VA* Inrush		AC	AC
N	20	43	240	-20 to 175	222345	-

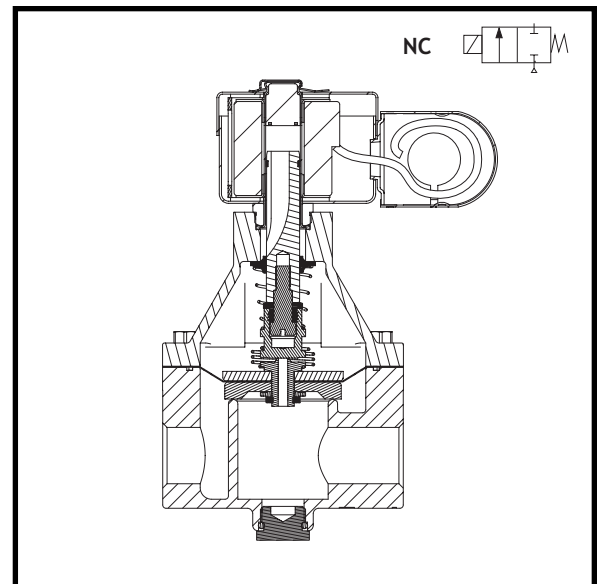
Valve Response Time

Opening Time: Less than 1 second.

Closing Time: Less than 1 second.

Solenoid Enclosures

Standard: Type 1 General Purpose junction box housing with two 7/8" knockouts.



Approvals:

UL listed to standard 429 "Electrically Operated Valves," Guide YIOZ, File MP932, Safety Valves.

FM Approved to Class 7400 "Liquid and Gas Safety Shutoff Valves" (3/8" through 3/4" only).

CSA Certified to:

- 1) Standard C22.2 No 139 "Electrically Operated Valves," File 113070.
- 2) Automatic Gas Valves Z21.21 (6.5), File 109157 and 113070.
- 3) Automatic Gas Safety Shutoff Valves C/I (3.9), File 113070.

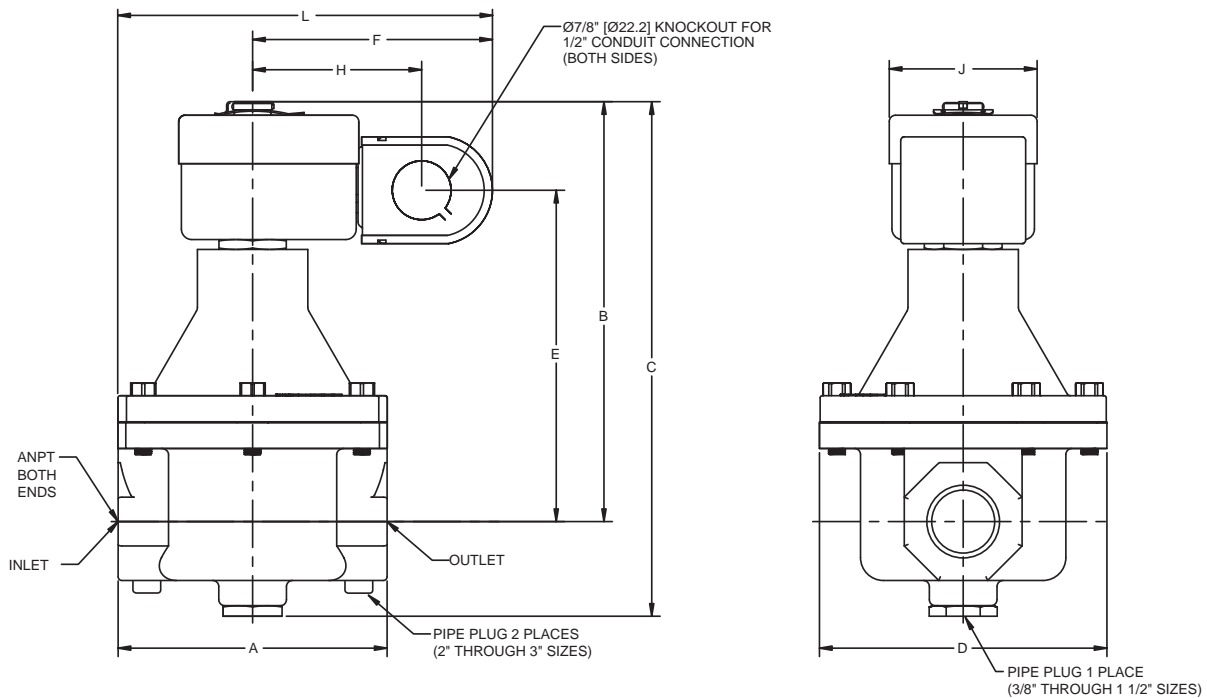
Specifications

Pipe Size (ins.)	Orifice Size (ins.)	CV Flow	Gas Capacity ①		Operating Pressure Differential (psi)		Nominal Fluid Temp. °F	Catalog Number			Const. Ref.	Approvals			Wattage	Approx Shipping Weight (lbs)
			Btu/hr.	Min.	Max.	24V 60 Hz		120V 60 Hz	240V 60 Hz	UL		FM	CSA			
COMBUSTION (Fuel Gas) - NORMALLY CLOSED																
3/8	3/4	5.3	217,000	0	30	77	S261SG01N3CG5	S261SG02N3CG5	S261SG04N3CG5	1	○	○	○	20	3.0	
1/2	3/4	6.2	322,000	0	30	77	S261SG01N3DG5	S261SG02N3DG5	S261SG04N3DG5	1	○	○	○	20	3.2	
3/4	3/4	8	370,000	0	30	77	S261SG01N3EG5	S261SG02N3EG5	S261SG04N3EG5	1	○	○	○	20	3.3	
1	1 1/2	18	1,120,000	0	25	77	S261SG01N3FJ5	S261SG02N3FJ5	S261SG04N3FJ5	2	○	-	○	20	4.4	
1 1/4	2	34	1,710,000	0	25	77	S261SG01N3GJ7	S261SG02N3GJ7	S261SG04N3GJ7	3	○	-	○	20	4.4	
1 1/2	2	37	1,790,000	0	25	77	S261SG01N3HJ7	S261SG02N3HJ7	S261SG04N3HJ7	3	○	-	○	20	12.5	
2	4 1/2	80	4,180,000	0	25	77	S261SG01N3JK4	S261SG02N3JK4	S261SG04N3JK4	4	○	-	○	20	12.5	
2 1/2	4 1/2	110	5,700,000	0	25	77	S261SG01N3KK4	S261SG02N3KK4	S261SG04N3KK4	5	○	-	○	20	14.2	
3	4 1/2	135	7,100,000	0	25	77	S261SG01N3LK4	S261SG02N3LK4	S261SG04N3LK4	5	○	-	○	20	14.2	

○ = Safety Shutoff Valve. ① 1" W.C. Drop @ 2" W.C. Inlet Pressure, 1, 000 Btu/cu.ft. or more, 0.64 Specific Gravity Gas.

Dimensions: inches

Const. Ref.	A	B	C	D	E	F	H	J	L
1	2.75	5.48	6.54	2.31	4.07	3.53	2.50	2.19	4.90
2	4.00	6.35	7.60	4.27	4.94	3.53	2.50	2.19	5.53
3	4.76	6.73	8.35	4.77	5.32	3.53	2.50	2.19	5.91
4	8.12	7.20	9.57	7.69	5.85	3.53	2.50	2.19	7.59
5	9.00	8.06	10.62	7.69	6.65	3.53	2.50	2.19	8.03



Must be mounted with solenoid upright or horizontal on 3/8" to 1 1/2" pipe sizes. For 2" to 3", must be mounted with solenoid vertical only.