



# NS301 Series



- 1/4" NPT
- 303 SS Body
- 2-Way Zero Differential
- Normally Closed

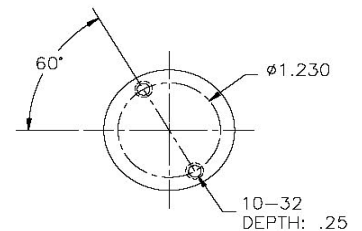
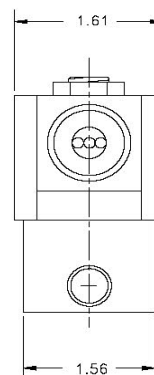
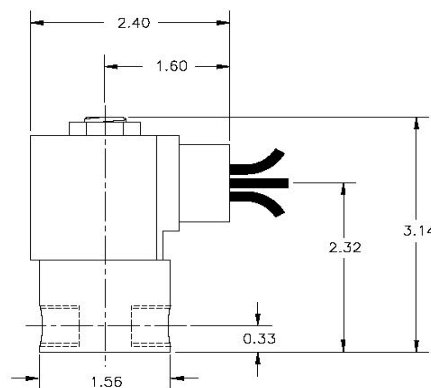


Materials	Seals:	NSF Approved EPDM
	Orifice:	Stainless Steel
Electrical	Housing:	NEMA 4/4X Encapsulated - 1/2" Conduit
	Optional Housings:	Contact GC Valves Customer Svc. for available options.
	Voltage:	24,120,240, VAC, 60 and/or 50 Hz. Available. 6, 12, 24 VDC Contact GC Valves Customer Svc. for available options.
	Voltage Tolerance:	± 10% of applicable voltage
	Coil Classes:	F, H, N
	Standard Lead Length:	24 inches
Operating Temperature	Ambient (Nominal):	32° F to 125° F
Mounting	Position:	Any
Approvals*	Agency:	NSF/ANSI - 61-G / NSF-372 / UR Recognized

\* Not available for all variations

## Dimensions / Weight

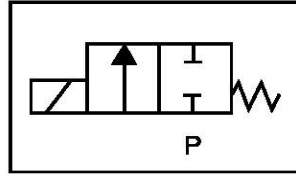
Weight (lbs.)
1.2



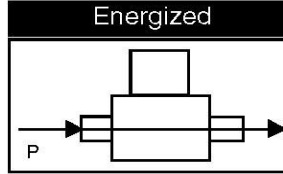
GC Valves Customer Service: 800-828-0484 (7:30 AM to 5:00 PM ET)

## Valve Selection List

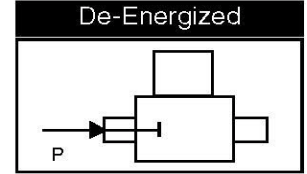
Normally Closed



Energized



De-Energized



Pipe Size  NPT	Orifice Size  in.	C <sub>V</sub>	Minimum	Operating Pressure Differential (psi)								Max Fluid Temp.  °F	Seal Material	Power Consumption (Watts)		Model Code  (120V/60HZ — 110V/50HZ Shown)
				Maximum										Stainless Steel Body		
				Air/Gas		Water		Light Oil		Steam*						
				AC	DC	AC	DC	AC	DC	AC	DC					
1/4	1/32	.03	0	—	—	2400	2400	—	—	—	—	295	EPR	10	10	NS301GF02C3BC1
	3/64	.05	0	—	—	1050	1000	—	—	—	—	295	EPR	10	10	NS301GF02C3BC3
	1/16	.10	0	—	—	700	300	—	—	—	—	295	EPR	10	10	NS301GF02C3BC5
	5/64	.15	0	—	—	500	240	—	—	—	—	295	EPR	10	10	NS301GF02C3BC7
	3/32	.21	0	—	—	400	200	—	—	—	—	295	EPR	10	10	NS301GF02C3BC9
	7/64	.29	0	—	—	350	170	—	—	—	—	295	EPR	10	10	NS301GF02C3BD3
	1/8	.36	0	—	—	200	140	—	—	—	—	295	EPR	10	10	NS301GF02C3BD5
	5/32	.44	0	—	—	150	100	—	—	—	—	295	EPR	10	10	NS301GF02C3BD7
	3/16	.65	0	—	—	100	70	—	—	—	—	295	EPR	10	10	NS301GF02C3BE1
	1/4	.85	0	—	—	50	20	—	—	—	—	295	EPR	10	10	NS301GF02C3BE7
9/32	1.0	0	—	—	35	15	—	—	—	—	295	EPR	10	10	NS301GF02C3BF1	

\* Class H Coil Recommended for Steam and Other High Temperature Applications

## Part Numbering

1	2	3	4	5	6	7	8	9	10	11	12	13	14
N	S	3	0	1	G	F	0	2	C	3	B	C	1
Series				Operating Mode	Housing*	Coil Class*	Voltage*		Seal Material	Body Material	Pipe Connection	Orifice Size	
S30				1: Normally Closed	G: Conduit	F: Class F H: Class H	02: 120/60 110/50		C: EPR	3: Stainless Steel	B: 1/4" NPT	C1: 1/32" C3: 3/64" C5: 1/16" C7: 5/64" C9: 3/32" D5: 1/8" D7: 5/32" E1: 3/16" E7: 1/4" F1: 9/32"	
* See the "Engineering Guide" for additional voltages, variations and options.													

## Coil Data

Coil Family	
Type	Size
All	S4

Frequency (Hz)		60	50
Nominal Power (VA)			
Inrush		46	46
Holding		18	23

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