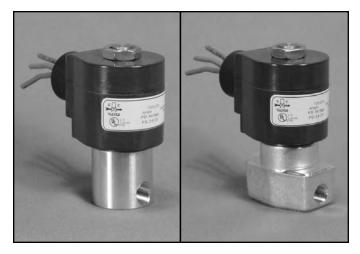
#### S30 Series



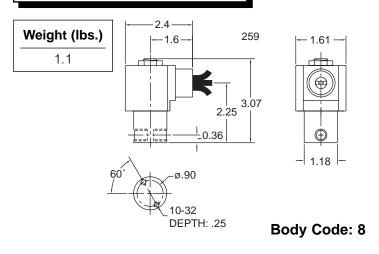
- 1/8" NPT
- Brass Body
- 2-Way Direct Acting
- Normally Closed

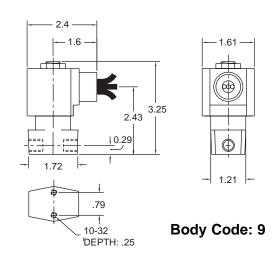


Materials	Seals:	Nitrile, Viton®, Ethylene Propylene, Teflon®, Rulon
	Orifice:	Stainless Steel
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolerance:	±10% of applicable voltage
	Coil Classes:	F, H, N
	Standard Lead Length:	24 inch
Operating Temperature	Ambient (Nominal):	32°F to 125°F
Mounting	Position:	Any
Approvals*	Agency:	UL Safety Shut-off, UL Listed, UL Recognized, CSA Approved, FM Certified

<sup>\*</sup> Not available for all variations

## Dimensions/Weight





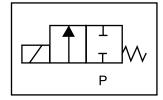
<sup>®</sup> Registered Trademark of DuPont Co.

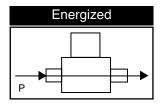


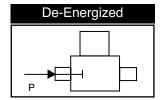
## S301 – 1/8" NPT, Brass Body, Normally Closed

#### **Valve Selection List**

Normally Closed







NPT		Size		(	Opera	ating	Pres	sure	Differ	rentia	al (psi	)	p.		Po	wor.	Model Code
NPT	Size	Sign						Maxi	mum				ax Tem	ərial	_	- 1	
NPT	be (	rifice		шn	Δir/	Gas	۱۸/ء	ator	Liah	+ ∩il	Sto	am*	Ξ̈́p	Mate	(Wa	atts)	
1/32	Ы	Ō		nin	All/	Gas	VVC	101	Ligit	t Oii	Sie	a111	正	lag I			
1/8	NPT	in.	C <sub>V</sub>	Mir	AC	DC	AC	DC	AC	DC	AC	DC	°F	S	AC	DC	Brass Body
1/16		1/32	.03	0	2400	2400	2400	2400	_	_	150*	150*	295	EPR	10	10	S301GF02C8AC1
1/8		3/64	.05	0	1050	1000	1050	1000	_	_	150*	150*	295	EPR	10	10	S301GF02C8AC3
1/8		1/16	.10	0	700	300	700	300	_	_	150*	150*	295	EPR	10	10	S301GF02C8AC5
1/8		5/64	.15	0	550	240	550	240	_	_	150*	150*	295	EPR	10	10	S301GF02C8AC7
1/8	1/0	3/32	.21	0	450	200	450	200	_	_	150*	150*	295	EPR	10	10	S301GF02C8AC9
5/32	1/8	7/64	.29	0	350	170	350	170	_	_	150*	150*	295	EPR	10	10	S301GF02C8AD3
3/16		1/8	.36	0	200	140	200	140	_	_	150*	140*	295	EPR	10	10	S301GF02C8AD5
1/4		5/32	.44	0	150	100	150	100	_	_	150*	100*	295	EPR	10	10	S301GF02C8AD7
3/8		3/16	.65	0	100	70	100	70	_	_	100*	70*	295	EPR	10	10	S301GF02C8AE1
1/32		1/4	.85	0	50	20	50	20	_	_	50*	20*	295	EPR	10	10	S301GF02C8AE7
1/8		3/8	1.0	0	20	5	20	5	_	_	20*	5*	295	EPR	10	10	S301GF02C9AF5
1/16		1/32	.03	0	2400	2400	2400	2400	2400	2400	_	_	180	Nitrile	10	10	S301GF02N8AC1
1/8		3/64	.05	0	1050	1000	1050	1000	1050	1000	_	_	180	Nitrile	10	10	S301GF02N8AC3
1/8    3/32   21   0   450   200   450   200   -   -   180   Nitrile   10   10   S301GF02N8AC9		1/16	.10	0	700	300	700	300	700	300	_	_	180	Nitrile	10	10	S301GF02N8AC5
1/8         7/64         .29         0         350         170         350         170         —         —         180         Nitrile         10         10         S301GF02N8AD3           1/8         .36         0         200         140         200         140         —         —         180         Nitrile         10         10         S301GF02N8AD5           5/32         .44         0         150         100         150         100         —         —         180         Nitrile         10         10         S301GF02N8AD5           3/16         .65         0         100         70         100         70         100         70         —         —         180         Nitrile         10         10         S301GF02N8AD7           3/16         .65         0         100         70         100         70         100         70         —         —         180         Nitrile         10         10         S301GF02N8AD7           3/8         1.0         0         20         5         20         5         20         5         —         —         180         Nitrile         10         10         S301GF02N8AC1		5/64	.15	0	550	240	550	240	550	240	_	_	180	Nitrile	10	10	S301GF02N8AC7
1/8	4 (0	3/32	.21	0	450	200	450	200	450	200	_	_	180	Nitrile	10	10	S301GF02N8AC9
5/32	1/8	7/64	.29	0	350	170	350	170	350	170	_	_	180	Nitrile	10	10	S301GF02N8AD3
3/16		1/8	.36	0	200	140	200	140	200	140	_	_	180	Nitrile	10	10	S301GF02N8AD5
1/4		5/32	.44	0	150	100	150	100	150	100	_	_	180	Nitrile	10	10	S301GF02N8AD7
3/8         1.0         0         20         5         20         5         -         -         180         Nitrile         10         10         S301GF02N9AF5           1/32         .03         0         2400 2400 2400 2400 2400 2400         -         230         Viton         10         10         S301GF02V8AC1           3/64         .05         0         1050 1000 1050 1000 1050 1000 1050 1000         230         Viton         10         10         S301GF02V8AC3           1/16         .10         0         700 300 700 300 700 300         230         Viton         10         10         S301GF02V8AC3           5/64         .15         0         550 240 550 240 550 240         230         Viton         10         10         S301GF02V8AC5           3/32         .21         0         450 200 450 200 450 200 450 200         230         Viton         10         10         S301GF02V8AC9           7/64         .29         0         350 170 350 170 350 170         230         Viton         10         10         S301GF02V8AD3           1/8         .36         0         200 140 200 140 200 140         230         Viton         10         10         S301GF02V8AD5 </td <td></td> <td>3/16</td> <td>.65</td> <td>0</td> <td>100</td> <td>70</td> <td>100</td> <td>70</td> <td>100</td> <td>70</td> <td>_</td> <td>_</td> <td>180</td> <td>Nitrile</td> <td>10</td> <td>10</td> <td>S301GF02N8AE1</td>		3/16	.65	0	100	70	100	70	100	70	_	_	180	Nitrile	10	10	S301GF02N8AE1
1/8		1/4	.85	0	50	20	50	20	50	20	_	_	180	Nitrile	10	10	S301GF02N8AE7
1/8       3/64       .05       0       1050       1000       1050       1000       1050       1000       —       —       230       Viton       10       10       S301GF02V8AC3         1/16       .10       0       700       300       700       300       —       —       230       Viton       10       10       S301GF02V8AC5         5/64       .15       0       550       240       550       240       550       240       —       —       230       Viton       10       10       S301GF02V8AC7         3/32       .21       0       450       200       450       200       —       —       230       Viton       10       10       S301GF02V8AC9         7/64       .29       0       350       170       350       170       350       170       —       —       230       Viton       10       10       S301GF02V8AD3         1/8       .36       0       200       140       200       140       —       —       230       Viton       10       10       S301GF02V8AD5         5/32       .44       0       150       100       150       100       — <td></td> <td>3/8</td> <td>1.0</td> <td>0</td> <td>20</td> <td>5</td> <td>20</td> <td>5</td> <td>20</td> <td>5</td> <td>_</td> <td>_</td> <td>180</td> <td>Nitrile</td> <td>10</td> <td>10</td> <td>S301GF02N9AF5</td>		3/8	1.0	0	20	5	20	5	20	5	_	_	180	Nitrile	10	10	S301GF02N9AF5
1/8  1/8  1/16  1.10  0  700  300  700  300  700  300  -  -  230  Viton  10  10  S301GF02V8AC5  5/64  1.15  0  550  240  550  240  550  240  -  230  Viton  10  10  S301GF02V8AC7  3/32  21  0  450  200  450  200  450  200  -  230  Viton  10  10  S301GF02V8AC9  7/64  29  0  350  170  350  170  350  170  -  230  Viton  10  10  S301GF02V8AC9  7/64  29  0  350  170  350  170  350  170  -  230  Viton  10  10  S301GF02V8AD3  1/8  36  0  200  140  200  140  200  140  -  230  Viton  10  10  S301GF02V8AD3  1/8  5/32  44  0  150  100  150  100  150  100  -  230  Viton  10  10  S301GF02V8AD5  5/32  44  0  150  100  150  100  170  70  -  230  Viton  10  10  S301GF02V8AD7  3/16  S301GF02V8AD7		1/32	.03	0	2400	2400	2400	2400	2400	2400	_	_	230	Viton	10	10	S301GF02V8AC1
1/8    5/64   .15   0   550   240   550   240   550   240     -   230   Viton   10   10   S301GF02V8AC7     3/32   .21   0   450   200   450   200   450   200   -   -   230   Viton   10   10   S301GF02V8AC9     7/64   .29   0   350   170   350   170   350   170   -   -   230   Viton   10   10   S301GF02V8AD3     1/8   .36   0   200   140   200   140   200   140   -   -   230   Viton   10   10   S301GF02V8AD5     5/32   .44   0   150   100   150   100   150   100   -   -   230   Viton   10   10   S301GF02V8AD7     3/16   .65   0   100   70   100   70   -   -   230   Viton   10   10   S301GF02V8AE1		3/64	.05	0	1050	1000	1050	1000	1050	1000	_	_	230	Viton	10	10	S301GF02V8AC3
1/8  3/32		1/16	.10	0	700	300	700	300	700	300	_	_	230	Viton	10	10	S301GF02V8AC5
1/8       7/64       .29       0       350       170       350       170       —       —       230       Viton       10       10       S301GF02V8AD3         1/8       .36       0       200       140       200       140       —       —       230       Viton       10       10       S301GF02V8AD5         5/32       .44       0       150       100       150       100       —       —       230       Viton       10       10       S301GF02V8AD7         3/16       .65       0       100       70       100       70       —       —       230       Viton       10       10       S301GF02V8AE1		5/64	.15	0	550	240	550	240	550	240	_	_	230	Viton	10	10	S301GF02V8AC7
7/64       .29       0       350       170       350       170       —       —       230       Viton       10       10       S301GF02V8AD3         1/8       .36       0       200       140       200       140       —       —       230       Viton       10       10       S301GF02V8AD5         5/32       .44       0       150       100       150       100       150       100       —       —       230       Viton       10       10       S301GF02V8AD7         3/16       .65       0       100       70       100       70       —       —       230       Viton       10       10       S301GF02V8AE1	4 (0	3/32	.21	0	450	200	450	200	450	200	_	_	230	Viton	10	10	S301GF02V8AC9
5/32         .44         0         150         100         150         100         -         -         230         Viton         10         10         S301GF02V8AD7           3/16         .65         0         100         70         100         70         -         -         230         Viton         10         10         S301GF02V8AE1	1/8	7/64	.29	0	350	170	350	170	350	170	_	_	230	Viton	10	10	S301GF02V8AD3
3/16		1/8	.36	0	200	140	200	140	200	140	_	_	230	Viton	10	10	S301GF02V8AD5
		5/32	.44	0	150	100	150	100	150	100	_	_	230	Viton	10	10	S301GF02V8AD7
1/4 85 0 50 20 50 20 50 20 — 220 Viton 10 10 S201GE02VAE7		3/16	.65	0	100	70	100	70	100	70	_	_	230	Viton	10	10	S301GF02V8AE1
177   1.00   0   30   20   30   20   0   20   0   10   0   0   0   30   10   0   0   0   0   0   0   0   0		1/4	.85	0	50	20	50	20	50	20	_	_	230	Viton	10	10	S301GF02V8AE7
3/8 1.0 0 20 5 20 5 20 5 — — 230 Viton 10 10 S301GF02V9AF5		3/8	1.0	0	20	5	20	5	20	5	_	_	230	Viton	10	10	S301GF02V9AF5

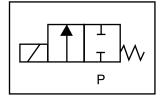
<sup>\*</sup> Class H Coil Recommended for Steam and Other High Temperature Applications

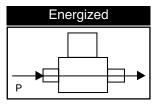
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

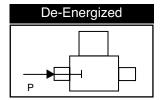
#### S301 – 1/8" NPT, Brass Body, Normally Closed



## Valve Selection List







	Size		(	Opera	ating	Pres	sure	Diffe	rentia	al (ps	i)	ō.		Po	wer	Model Code
Size	S. O.						Maxi	mum				en Leu	ərial		mption	(120V/60HZ — 110V/50HZ)
Pipe (	Orifice		Minimum	Air/Gas		Water		Ligh	Light Oil		am*	Max Fluid Temp.	Seal Material		atts)	(120V/60HZ — 110V/50HZ) Shown
NPT	in.	C <sub>v</sub>	Min	AC	DC	AC	DC	AC	DC	AC	DC	°F	Se	AC	DC	Brass Body
	1/32	.03	0	2400	2400	2400	2400	2400	2400	150*	150*	366	Rulon	10	10	S301GF02R8AC1
	3/64	.05	0	1050	1000	1050	1000	1050	1000	150*	150*	366	Rulon	10	10	S301GF02R8AC3
	1/16	.10	0	700	300	700	300	700	300	150*	150*	366	Rulon	10	10	S301GF02R8AC5
	5/64	.15	0	550	240	550	240	550	240	150*	150*	366	Rulon	10	10	S301GF02R8AC7
	3/32	.21	0	450	200	450	200	450	200	150*	150*	366	Rulon	10	10	S301GF02R8AC9
1/8	7/64	.29	0	350	170	350	170	350	170	150*	150*	366	Rulon	10	10	S301GF02R8AD3
1/0	1/8	.36	0	200	140	200	140	200	140	150*	140*	366	Rulon	10	10	S301GF02R8AD5
	5/32	.44	0	150	100	150	100	150	100	150*	100*	366	Rulon	10	10	S301GF02R8AD7
	3/16	.65	0	100	70	100	70	100	70	100*	70*	366	Rulon	10	10	S301GF02R8AE1
	1/4	.85	0	50	20	50	20	50	20	50*	20*	366	Rulon	10	10	S301GF02R8AE7
	9/32	1.0	0	35	15	35	15	35	15	35"	15*	366	Rulon	10	10	S301GF02R9AF1
	3/8	1.0	0	20	5	20	5	20	5	20*	5*	366	Rulon	10	10	S301GF02R9AF5
	1/32	.03	0	2400	2400	2400	2400	2400	2400	150*	150*	366	Teflon	10	10	S301GF02T8AC1
	3/64	.05	0	1050	1000	1050	1000	1050	1000	150*	150*	366	Teflon	10	10	S301GF02T8AC3
	1/16	.10	0	700	300	700	300	700	300	150*	150*	366	Teflon	10	10	S301GF02T8AC5
	5/64	.15	0	550	240	550	240	550	240	150*	150*	366	Teflon	10	10	S301GF02T8AC7
	3/32	.21	0	450	200	450	200	450	200	150*	150*	366	Teflon	10	10	S301GF02T8AC9
4 /0	7/64	.29	0	350	170	350	170	350	170	150*	150*	366	Teflon	10	10	S301GF02T8AD3
1/8	1/8	.36	0	200	140	200	140	200	140	150*	140*	366	Teflon	10	10	S301GF02T8AD5
	5/32	.44	0	150	100	150	100	150	100	150*	100*	366	Teflon	10	10	S301GF02T8AD7
	3/16	.65	0	100	70	100	70	100	70	100*	70*	366	Teflon	10	10	S301GF02T8AE1
	1/4	.85	0	50	20	50	20	50	20	50*	20*	366	Teflon	10	10	S301GF02T8AE7
	9/32	1.0	0	35	15	35	15	35	15	35"	15*	366	Teflon	10	10	S301GF02T9AF1
	3/8	1.0	0	20	5	20	5	20	5	20*	5*	366	Teflon	10	10	S301GF02T9AF5

<sup>\*</sup> Class H Coil Recommended for Steam and Other High Temperature Applications



## S301 – 1/8" NPT, Brass Body, Normally Closed

#### **Part Numbering**

Mode	G F  Housing* Coil Class*	0 2 C	8 Body	A C	1
S30 Mode S30	Housing* Coil Class*	I Voltade" I	Body	Dina	
		Material	, , ,	Pipe nnection Orifice	Size
* See the	G: Conduit F: Class F H: Class H	110/50 N: Nitrile V: Viton R: Rulon T: Teflon	8: Brass 9: Forged Brass	1/8" NPT C1: 1/3: C3: 3/6 C5: 1/1 C7: 5/6 C9: 3/3: D3: 7/6 D5: 1/8 D7: 5/3: E1: 3/1( E7: 1/4'	4" 6" 4" 2" 4" 2" 6"

<sup>®</sup>Brass

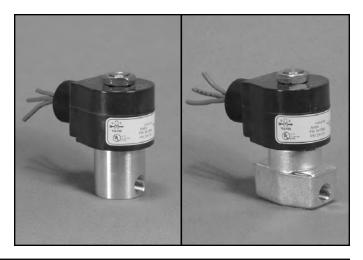
Coil F	amily
Type	Size
All	S4

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	18	19

#### S31 Series



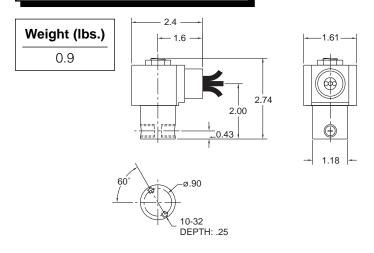
# 1/8" NPT Brass Body 2-Way Direct Acting Normally Closed

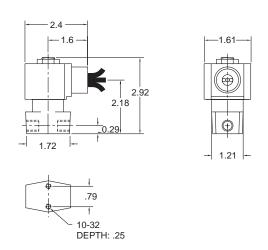


Materials	Seals:	Nitrile, Viton®, Ethylene Propylene, Teflon®, Rulon
	Orifice:	Stainless Steel
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolerance:	±10% of applicable voltage
	Coil Classes:	F, H, N
	Standard Lead Length:	24 inch
Operating Temperature	Ambient (Nominal):	32°F to 125°F
Mounting	Position:	Any
Approvals*	Agency:	UL Safety Shutoff, UL Listed, UL Recognized, CSA Approved, FM Certified

<sup>\*</sup> Not available for all variations

#### **Dimensions/Weight**





GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

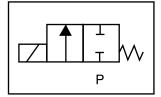
<sup>®</sup> Registered Trademark of DuPont Co.

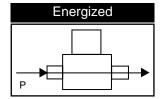


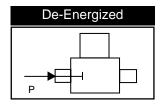
## S311 – 1/8" NPT, Brass Body, Normally Closed

## Valve Selection List

Normally Closed







4)	Size			Oper	ating	Pres	sure	Diffe	rentia	al (psi	i)	<u>Б</u>	_	Po	wer	Model Code
Pipe Size	Si Si						Maxi	mum				Max Fluid Temp.	Seal Material		mption	(120V/60HZ — 110V/50HZ)
be C	Orifice		۱	Λir/	Gas	10/1-	ater	Ligh	t Oil	Ste	am*	Σ̈́g	√atí	1	atts)	Shown
<u>a</u>	ō		Minimum	AII/	Gas	VVC	1161	Ligit	t Oii	Sie	a111	Ē	<u> </u>			,
NPT	in.	C <sub>V</sub>	Mir	AC	DC	AC	DC	AC	DC	AC	DC	°F	Se	AC	DC	Brass Body
	1/32	.03	0	2000	2000	2000	2000	_	_	150*	150*	295	EPR	8	9	S311GF02C8AC1
	3/64	.05	0	770	420	770	420	_		150*	150*	295	EPR	8	9	S311GF02C8AC3
	1/16	.10	0	560	185	560	185	_	l	150*	150*	295	EPR	8	9	S311GF02C8AC5
	5/64	.15	0	400	150	400	150	_		150*	150*	295	EPR	8	9	S311GF02C8AC7
	3/32	.21	0	300	130	300	130	_		150*	130*	295	EPR	8	9	S311GF02C8AC9
4 /0	7/64	.29	0	210	90	210	90	_		150*	90*	295	EPR	8	9	S311GF02C8AD3
1/8	1/8	.32	0	155	60	155	60	_		150*	60*	295	EPR	8	9	S311GF02C8AD5
	5/32	.43	0	105	35	105	35	_		105*	35*	295	EPR	8	9	S311GF02C8AD7
	3/16	.49	0	75	20	75	20	_		75*	20*	295	EPR	8	9	S311GF02C8AE1
	1/4	.85	0	35	15	35	15			35*	15*	295	EPR	8	9	S311GF02C9AE7
	9/32	1.0	0	20	10	20	10	_	_	20*	10*	295	EPR	8	9	S311GF02C9AF1
	3/8	1.1	0	15	5	15	5	_	_	15*	5*	295	EPR	8	9	S311GF02C9AF5
	1/32	.03	0	2000	2000	2000	2000	2000	2000	_	_	180	Nitrile	8	9	S311GF02N8AC1
	3/64	.05	0	770	420	770	420	770	420	_	_	180	Nitrile	8	9	S311GF02N8AC3
	1/16	.10	0	560	185	560	185	560	185	_	_	180	Nitrile	8	9	S311GF02N8AC5
	5/64	.15	0	400	150	400	150	400	150	_	_	180	Nitrile	8	9	S311GF02N8AC7
	3/32	.21	0	300	130	300	130	300	130	_	_	180	Nitrile	8	9	S311GF02N8AC9
4 /0	7/64	.29	0	210	90	210	90	210	90	_	_	180	Nitrile	8	9	S311GF02N8AD3
1/8	1/8	.32	0	155	60	155	60	155	60	_	_	180	Nitrile	8	9	S311GF02N8AD5
	5/32	.43	0	105	35	105	35	105	35	_	_	180	Nitrile	8	9	S311GF02N8AD7
	3/16	.49	0	75	20	75	20	75	20	_	_	180	Nitrile	8	9	S311GF02N8AE1
	1/4	.85	0	35	15	35	15	35	15	_	_	180	Nitrile	8	9	S311GF02N9AE7
	9/32	1.0	0	20	10	20	10	20	10	_	_	180	Nitrile	8	9	S311GF02N9AF1
	3/8	1.1	0	15	5	15	5	15	5	_	_	180	Nitrile	8	9	S311GF02N9AF5
	1/32	.03	0	2000	2000	2000	2000	2000	2000	_	_	230	Viton	8	9	S311GF02V8AC1
	3/64	.05	0	770	420	770	420	770	420	_	_	230	Viton	8	9	S311GF02V8AC3
	1/16	.10	0	560	185	560	185	560	185	_	_	230	Viton	8	9	S311GF02V8AC5
	5/64	.15	0	400	150	400	150	400	150	_	_	230	Viton	8	9	S311GF02V8AC7
	3/32	.21	0	300	130	300	130	300	130	_	_	230	Viton	8	9	S311GF02V8AC9
4 /0	7/64	.29	0	210	90	210	90	210	90	_	_	230	Viton	8	9	S311GF02V8AD3
1/8	1/8	.32	0	155		155		155	60	_	_	230	Viton	8	9	S311GF02V8AD5
	5/32	.43	0	105	1	105	35	105	35	_	_	230	Viton	8	9	S311GF02V8AD7
	3/16	.49	0	75	20	75	20	75	20	_	_	230	Viton	8	9	S311GF02V8AE1
	1/4	.85	0	35	15	35	15	35	15	_	_	230	Viton	8	9	S311GF02V9AE7
	9/32	1.0	0	20	10	20	10	20	10	_	_	230	Viton	8	9	S311GF02V9AF1
	3/8	1.1	0	15	5	15	5	15	5	_	_	230	Viton	8	9	S311GF02V9AF5
	ı				1	*	Class	s H C	oil F	Recor	nme	nded f	or Steam	and O	ther H	igh Temperature Applications

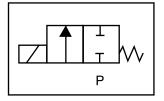
\* Class H Coil Recommended for Steam and Other High Temperature Applications

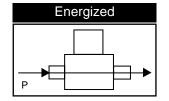
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

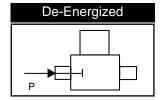
#### S311 – 1/8" NPT, Brass Body, Normally Closed



### Valve Selection List







Φ	Size		(	Operating Pressure Differential (psi)								np.	le.	Power		Model Code
Size	Se		_				Maxi	mum		ı		/ax Ten	teria	Consumption		(120V/60HZ — 110V/50HZ)
Pipe	Orifice		Minimum	Air/	Gas	Wa	ater	Ligh	t Oil	Ste	am*	Max Fluid Temp.	Seal Material	(Watts)		Shown )
NPT	in.	C <sub>v</sub>	Min	AC	DC	AC	DC	AC	DC	AC	DC	°F	Sei	Š AC DC		Brass Body
	1/32	.03	0	2000	2000	2000	2000	2000	2000	150*	150*	366	Rulon	8	9	S311GF02R8AC1
	3/64	.05	0	770	420	770	420	770	420	150*	150*	366	Rulon	8	9	S311GF02R8AC3
	1/16	.10	0	560	185	560	185	560	185	150*	150*	366	Rulon	8	9	S311GF02R8AC5
	5/64	.15	0	400	150	400	150	400	150	150*	150*	366	Rulon	8	9	S311GF02R8AC7
	3/32	.21	0	300	130	300	130	300	130	150*	130*	366	Rulon	8	9	S311GF02R8AC9
	7/64	.29	0	210	90	210	90	210	90	150*	90*	366	Rulon	8	9	S311GF02R8AD3
1/8	1/8	.32	0	155	60	155	60	155	60	150*	60*	366	Rulon	8	9	S311GF02R8AD5
1/0	5/32	.43	0	105	35	105	35	105	35	105*	35*	366	Rulon	8	9	S311GF02R8AD7
	3/16	.49	0	75	20	75	20	75	20	75*	20*	366	Rulon	8	9	S311GF02R8AE1
	1/4	.85	0	35	15	35	15	35	15	35*	15*	366	Rulon	8	9	S311GF02R9AE7
	9/32	1.0	0	20	10	20	10	20	10	20*	10*	366	Rulon	8	9	S311GF02R9AF1
	3/8	1.1	0	15	5	15	5	15	5	15*	5*	366	Rulon	8	9	S311GF02R9AF5
	1/32	.03	0	2000	2000	2000	2000	2000	2000	150*	150*	366	Teflon	8	9	S311GF02T8AC1
	3/64	.05	0	770	420	770	420	770	420	150*	150*	366	Teflon	8	9	S311GF02T8AC3
	1/16	.10	0	560	185	560	185	560	185	150*	150*	366	Teflon	8	9	S311GF02T8AC5
	5/64	.15	0	400	150	400	150	400	150	150*	150*	366	Teflon	8	9	S311GF02T8AC7
	3/32	.21	0	300	130	300	130	300	130	150*	130*	366	Teflon	8	9	S311GF02T8AC9
	7/64	.29	0	210	90	210	90	210	90	150*	90*	366	Teflon	8	9	S311GF02T8AD3
1/8	1/8	.32	0	155	60	155	60	155	60	150*	60*	366	Teflon	8	9	S311GF02T8AD5
1/0	5/32	.43	0	105	35	105	35	105	35	105*	35*	366	Teflon	8	9	S311GF02T8AD7
	3/16	.49	0	75	20	75	20	75	20	75*	20*	366	Teflon	8	9	S311GF02T8AE1
	1/4	.85	0	35	15	35	15	35	15	35*	15*	366	Teflon	8	9	S311GF02T9AE7
	9/32	1.0	0	20	10	20	10	20	10	20*	10*	366	Teflon	8	9	S311GF02T9AF1
	3/8	1.1	0	15	5	15	5	15	5	15*	5*	366	Teflon	8	9	S311GF02T9AF5

<sup>\*</sup> Class H Coil Recommended for Steam and Other High Temperature Applications



## S311 – 1/8" NPT, Brass Body, Normally Closed

## **Part Numbering**

1 2 3	4	5	6	7 8	9	10	11	12 13
S 3 1	1	G	F	0 2	C	8	A	<b>C</b> 1
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S31	1: Normally Closed * Se		H: Class H	110/50	N: Nitrile V: Viton R: Rulon T: Teflon	8: Brass 9: Forged Brass ations and op	A: 1/8" NPT	C1: 1/32" C3: 3/64" C5: 1/16" C7: 5/46" C9: 3/32" D3: 7/64" D5: 1/8" D7: 5/32" E1: 3/16" E7: 1/4" F1: 9/32" F5: 3/8"®

Brass

Coil Family
-------------

	<u> </u>
Type	Size
All	S3

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	36	36
	Holding	13	14



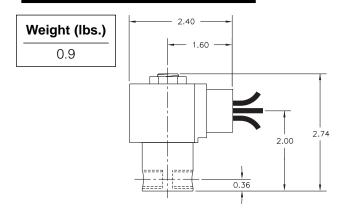
# 1/8" NPT Stainless Steel Body 2-Way Direct Acting Normally Closed

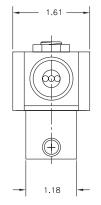


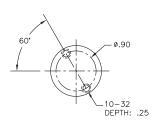
Materials	Seals:	Nitrile, Viton®, Ethylene Propylene, Teflon®, Rulon					
	Orifice:	Stainless Steel					
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.					
	Voltage Tolerance:	±10% of applicable voltage					
	Coil Classes:	F, H, N					
	Standard Lead Length:	24 inch					
Operating Temperature	Ambient (Nominal):	32°F to 125°F					
Mounting	Position:	Any					
Approvals*	Agency:	UL Safety Shutoff, UL Listed, UL Recognized, CSA Approved, FM Certified					

<sup>\*</sup> Not available for all variations

#### **Dimensions/Weight**





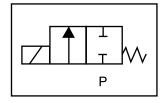


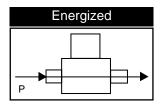
<sup>®</sup> Registered Trademark of DuPont Co.

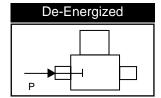


## S311 – 1/8" NPT, Stainless Steel Body, Normally Closed

#### Valve Selection List







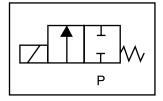
Φ	Size		(	Opera	ating					al (psi	i)	πp.	a	Po	wer	Model Code
Pipe Size	Orifice S		Minimum	Air/	Gas		Maxi ater		t Oil	Ste	am*	Max Fluid Temp.	Seal Material		mption atts)	(120V/60HZ — 110V/50HZ) Shown
NPT	in.	C <sub>v</sub>	Min	AC	DC	AC	DC	AC	DC	AC	DC	°F	Se	AC	DC	Stainless Steel Body
	1/32	.03	0	2000	2000	2000	2000	_	_	150*	150*	295	EPR	8	9	S311GF02C2AC1
	3/64	.05	0	770	420	770	420	_		150*	150*	295	EPR	8	9	S311GF02C2AC3
	1/16	.10	0	560	185	560	185	_	_	150*	150*	295	EPR	8	9	S311GF02C2AC5
	5/64	.15	0	400	150	400	150	_	_	150*	150*	295	EPR	8	9	S311GF02C2AC7
1/8	3/32	.21	0	300	130	300	130	_	_	150*	130*	295	EPR	8	9	S311GF02C2AC9
	7/64	.29	0	210	90	210	90	_	_	150*	90*	295	EPR	8	9	S311GF02C2AD3
	1/8	.32	0	155	60	155	60	_	_	150*	60*	295	EPR	8	9	S311GF02C2AD5
	5/32	.43	0	105	35	105	35	_	_	105*	35*	295	EPR	8	9	S311GF02C2AD7
	3/16	.49	0	75	20	75	20	_	_	75*	20*	295	EPR	8	9	S311GF02C2AE1
	1/32	.03	0	2000	2000	2000	2000	2000	2000	_		180	Nitrile	8	9	S311GF02N2AC1
	3/64	.05	0	770	420	770	420	770	420	_	l	180	Nitrile	8	9	S311GF02N2AC3
	1/16	.10	0	560	185	560	185	560	185	_		180	Nitrile	8	9	S311GF02N2AC5
	5/94	.15	0	400	150	400	150	400	150	_		180	Nitrile	8	9	S311GF02N2AC7
1/8	3/32	.21	0	300	130	300	130	300	130	_	l	180	Nitrile	8	9	S311GF02N2AC9
	7/64	.14	0	210	90	210	90	210	90		-	180	Nitrile	8	9	S311GF02N2AD3
	1/8	.32	0	155	60	155	60	155	60	_		180	Nitrile	8	9	S311GF02N2AD5
	5/32	.43	0	105	35	105	35	105	35	_		180	Nitrile	8	9	S311GF02N2AD7
	3/16	.49	0	75	20	75	20	75	20	_		180	Nitrile	8	9	S311GF02N2AE1
	1/32	.03	0	2000	2000	2000	2000	2000	2000	_		230	Viton	8	9	S311GF02V2AC1
	3/64	.05	0	770	420	770	420	770	420	_		230	Viton	8	9	S311GF02V2AC3
	1/16	.10	0	560	185	560	185	560	185		-	230	Viton	8	9	S311GF02V2AC5
	5/64	.15	0	400	150	400	150	400	150			230	Viton	8	9	S311GF02V2AC7
1/8	3/32	.21	0	300	130	300	130	300	130		l	230	Viton	8	9	S311GF02V2AC9
	7/64	.29	0	210	90	210	90	210	90	_		230	Viton	8	9	S311GF02V2AD3
	1/8	.32	0	155	60	155	60	155	60	_	_	230	Viton	8	9	S311GF02V2AD5
	5/32	.43	0	105	35	105	35	105	35	_		230	Viton	8	9	S311GF02V2AD7
	3/16	.49	0	75	20	75	20	75	20	_		230	Viton	8	9	S311GF02V2AE1

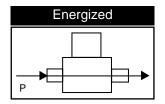
<sup>\*</sup> Class H Coil Recommended for Steam and Other High Temperature Applications

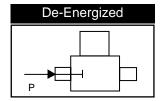
#### S311 – 1/8" NPT, Stainless Steel Body, Normally Closed



#### Valve Selection List







	Size		(	Opera	ating	Pres	sure	Diffe	rentia	al (ps	i)	p.		Power		Model Code
Size							Maxi	imum				ax Tem	erial		mption	
Pipe	Orifice		Minimum	Air/	Gas	Water		Light Oil		Steam*		Max Fluid Temp.	Seal Material	(Wa	atts)	Shown Shown
NPT	in.	C <sub>v</sub>	Min	AC	DC	AC	DC	AC	DC	AC	DC	°F	Se	AC	DC	Stainless Steel Body
	1/32	.03	0	2000	2000	2000	2000	2000	2000	150*	150*	366	Rulon	8	9	S311GF02R2AC1
	3/64	.05	0	770	420	770	420	770	420	150*	150*	366	Rulon	8	9	S311GF02R2AC3
	1/16	.10	0	560	185	560	185	560	185	150*	150*	366	Rulon	8	9	S311GF02R2AC5
	5/64	.15	0	400	150	400	150	400	150	150*	150*	366	Rulon	8	9	S311GF02R2AC7
1/8	3/32	.21	0	300	130	300	130	300	130	150*	130*	366	Rulon	8	9	S311GF02R2AC9
	7/64	.29	0	210	90	210	90	210	90	150*	90*	366	Rulon	8	9	S311GF02R2AD3
	1/8	.32	0	155	60	155	60	155	60	150*	60*	366	Rulon	8	9	S311GF02R2AD5
	5/32	.43	0	105	35	105	35	105	35	105*	35*	366	Rulon	8	9	S311GF02R2AD7
	3/16	.49	0	75	20	75	20	75	20	75*	20*	366	Rulon	8	9	S311GF02R2AE1
	1/32	.03	0	2000	2000	2000	2000	2000	2000	150*	150*	366	Teflon	8	9	S311GF02T2AC1
	3/64	.05	0	770	420	770	420	770	420	150*	150*	366	Teflon	8	9	S311GF02T2AC3
	1/16	.10	0	560	185	560	185	560	185	150*	150*	366	Teflon	8	9	S311GF02T2AC5
	5/64	.15	0	400	150	400	150	400	150	150*	150*	366	Teflon	8	9	S311GF02T2AC7
1/8	3/32	.21	0	300	130	300	130	300	130	150*	130*	366	Teflon	8	9	S311GF02T2AC9
	7/64	.29	0	210	90	210	90	210	90	150*	90*	366	Teflon	8	9	S311GF02T2AD3
	1/8	.32	0	155	60	155	60	155	60	150*	60*	366	Teflon	8	9	S311GF02T2AD5
	5/32	.43	0	105	35	105	35	105	35	105*	35*	366	Teflon	8	9	S311GF02T2AD7
	3/16	.49	0	75	20	75	20	75	20	75*	20*	366	Teflon	8	9	S311GF02T2AE1

<sup>\*</sup> Class H Coil Recommended for Steam and Other High Temperature Applications



## S311 – 1/8" NPT, Stainless Steel, Normally Closed

## **Part Numbering**

				•	9	10	11	12 13
S 3 1	1	G	F	0 2	C	2	A	<b>C</b> 1
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S31 1:	1: Normally Closed * See	G: Conduit	H: Class H	110/50	C: EPR N: Nitrile V: Viton R: Rulon T: Teflon oltages, vari	2: Stainless Steel ations and op	A: 1/8" NPT	C1: 1/32" C3: 3/64" C5: 1/16" C9: 5/64" C9: 3/32" D3: 7/64" D5: 1/8" D7: 5/32" E1: 3/16"

$\sim$ $\cdot$	_	•••
Coil	– an	∩ıl\/
COII	ıan	HIIV

Туре	Size
All	S3

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	36	36
	Holding	13	14



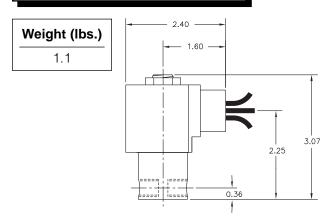
# 1/8" NPT Stainless Steel Body 2-Way Direct Acting Normally Closed

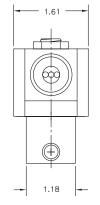


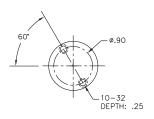
Materials	Seals:	Nitrile, Viton®, Ethylene Propylene, Teflon®, Rulon					
	Orifice:	Stainless Steel					
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.					
	Voltage Tolerance:	±10% of applicable voltage					
	Coil Classes:	F, H, N					
	Standard Lead Length:	24 inch					
Operating Temperature	Ambient (Nominal):	32°F to 125°F					
Mounting	Position:	Any					
Approvals*	Agency:	UL Safety Shut-off, UL Listed, UL Recognized, CSA Approved, FM Certified					

<sup>\*</sup> Not available for all variations

#### **Dimensions/Weight**





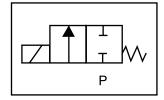


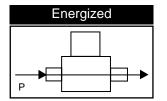
<sup>®</sup> Registered Trademark of DuPont Co.

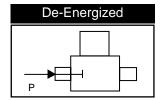


## S301 – 1/8" NPT, Stainless Steel Body, Normally Closed

#### **Valve Selection List**







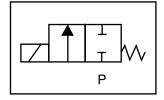
NPT	4	Size		(	Opera	ating	Pres	sure	Diffe	rentia	al (psi	)	G	_	Power		Model Code
NPT	Size	S. e						Maxi	mum				ax Tem	ərial			
1/32	Pipe (	Orifice		imum	Air/	Gas	Wa	ater	Ligh	t Oil	Stea	am*	Fluid M	al Mate	1		
1/8	NPT	in.	C <sub>v</sub>	Min	AC	DC	AC	DC	AC	DC	AC	DC	°F	Se	AC	DC	Stainless Steel Body
1/16		1/32	.03	0	2400	2400	2400	2400	_	_	150*	150*	295	EPR	10	10	S301GF02C2AC1
1/8		3/64	.05	0	1050	1000	1050	1000	_	_	150*	150*	295	EPR	10	10	S301GF02C2AC3
1/8		1/16	.10	0	700	300	700	300	_	_	150*	150*	295	EPR	10	10	S301GF02C2AC5
1/8         7/64         .29         0         350         170         350         170         —         —         150*         295         EPR         10         10         S301GF02C2AD3           1/8         .36         0         200         140         200         140         —         —         150*         190*         295         EPR         10         10         S301GF02C2AD5           5/32         .44         0         150         100         70         —         —         150*         100*         295         EPR         10         10         S301GF02C2AD7           3/16         .65         0         100         70         100         70         —         —         100*         70*         295         EPR         10         10         S301GF02C2AET           1/4         .85         0         50         20         50         20         —         —         180         Nitrile         10         10         S301GF02C2AET           1/32         .03         0         2400         2400         2400         2400         2400         —         180         Nitrile         10         10         S301GF02C2AET		5/64	.15	0	500	240	500	240	_	_	150*	150*	295	EPR	10	10	S301GF02C2AC7
7/64	4 /0	3/32	.21	0	400	200	400	200	_	_	150*	150*	295	EPR	10	10	S301GF02C2AC9
5/32	1/8	7/64	.29	0	350	170	350	170	_	_	150*	150*	295	EPR	10	10	S301GF02C2AD3
3/16		1/8	.36	0	200	140	200	140	_	_	150*	140*	295	EPR	10	10	S301GF02C2AD5
1/4		5/32	.44	0	150	100	150	100	_	_	150*	100*	295	EPR	10	10	S301GF02C2AD7
1/32		3/16	.65	0	100	70	100	70	_	_	100*	70*	295	EPR	10	10	S301GF02C2AE1
1/8		1/4	.85	0	50	20	50	20	_	_	50*	20*	295	EPR	10	10	S301GF02C2AE7
1/18		1/32	.03	0	2400	2400	2400	2400	2400	2400	_	_	180	Nitrile	10	10	S301GF02N2AC1
1/8		3/64	.05	0	1050	1000	1050	1000	1050	1000	_	_	180	Nitrile	10	10	S301GF02N2AC3
1/8    3/32   .21   0   400   200   400   200   400   200       180   Nitrile   10   10   S301GF02N2AC9     7/64   .29   0   350   170   350   170   350   170       180   Nitrile   10   10   S301GF02N2AD3     1/8   .36   0   200   140   200   140   200   140       180   Nitrile   10   10   S301GF02N2AD5     5/32   .44   0   150   100   150   100   150   100       180   Nitrile   10   10   S301GF02N2AD7     3/16   .65   0   100   70   100   70   100   70       180   Nitrile   10   10   S301GF02N2AD7     3/16   .65   0   100   70   100   70       180   Nitrile   10   10   S301GF02N2AE1     1/4   .85   0   50   20   50   20   50   70       180   Nitrile   10   10   S301GF02N2AE7     1/32   .03   0   2400   2400   2400   2400   2400       230   Viton   10   10   S301GF02V2AC1     3/64   .05   0   1050   1000   1050   1000       230   Viton   10   10   S301GF02V2AC3     1/16   .10   0   700   300   700   300   700   300       230   Viton   10   10   S301GF02V2AC5     5/64   .15   0   500   240   500   240   500   240       230   Viton   10   10   S301GF02V2AC7     3/32   .21   0   400   200   400   200   400   200     230   Viton   10   10   S301GF02V2AC9     7/64   .29   0   350   170   350   170   350   170       230   Viton   10   10   S301GF02V2AD3     1/8   .36   0   200   140   200   140   200   140       230   Viton   10   10   S301GF02V2AD5     5/32   .44   0   150   100   150   100   150   100     230   Viton   10   10   S301GF02V2AD5     5/32   .44   0   150   100   150   100   150   100       230   Viton   10   10   S301GF02V2AD7     5/32   .44   0   150   100   150   100   150   100       230   Viton   10   10   S301GF02V2AD7     5/32   .44   0   150   100   150   100   150   100       230   Viton   10   10   S301GF02V2AD7     5/32   .44   0   150   100   150   100   150   100		1/16	.10	0	700	300	700	300	700	300	_	_	180	Nitrile	10	10	S301GF02N2AC5
1/8         7/64         .29         0         350         170         350         170         —         180         Nitrile         10         10         S301GF02N2AD3           1/8         .36         0         200         140         200         140         —         180         Nitrile         10         10         S301GF02N2AD5           5/32         .44         0         150         100         150         100         —         180         Nitrile         10         10         S301GF02N2AD7           3/16         .65         0         100         70         100         70         —         180         Nitrile         10         10         S301GF02N2AE1           1/4         .85         0         50         20         50         70         —         180         Nitrile         10         10         S301GF02N2AE1           1/32         .03         0         240		5/64	.15	0	500	240	500	240	500	240	_	_	180	Nitrile	10	10	S301GF02N2AC7
7/64	4.10	3/32	.21	0	400	200	400	200	400	200	_	_	180	Nitrile	10	10	S301GF02N2AC9
5/32	1/8	7/64	.29	0	350	170	350	170	350	170	_	_	180	Nitrile	10	10	S301GF02N2AD3
3/16		1/8	.36	0	200	140	200	140	200	140	_	_	180	Nitrile	10	10	S301GF02N2AD5
1/8		5/32	.44	0	150	100	150	100	150	100	_	_	180	Nitrile	10	10	S301GF02N2AD7
1/8		3/16	.65	0	100	70	100	70	100	70	_	_	180	Nitrile	10	10	S301GF02N2AE1
3/64		1/4	.85	0	50	20	50	20	50	70	_	_	180	Nitrile	10	10	S301GF02N2AE7
1/8  1/16  1		1/32	.03	0	2400	2400	2400	2400	2400	2400	_	_	230	Viton	10	10	S301GF02V2AC1
1/8       5/64       .15       0       500       240       500       240       —       230       Viton       10       10       S301GF02V2AC7         3/32       .21       0       400       200       400       200       —       230       Viton       10       10       S301GF02V2AC9         7/64       .29       0       350       170       350       170       —       230       Viton       10       10       S301GF02V2AD3         1/8       .36       0       200       140       200       140       —       230       Viton       10       10       S301GF02V2AD5         5/32       .44       0       150       100       150       100       150       100       —       230       Viton       10       10       S301GF02V2AD5		3/64	.05	0	1050	1000	1050	1000	1050	1000	_	_	230	Viton	10	10	S301GF02V2AC3
1/8		1/16	.10	0	700	300	700	300	700	300	_	_	230	Viton	10	10	S301GF02V2AC5
1/8       7/64       .29       0       350       170       350       170       —       —       230       Viton       10       10       S301GF02V2AD3         1/8       .36       0       200       140       200       140       —       —       230       Viton       10       10       S301GF02V2AD5         5/32       .44       0       150       100       150       100       —       —       230       Viton       10       10       S301GF02V2AD7		5/64	.15	0	500	240	500	240	500	240	_	_	230	Viton	10	10	S301GF02V2AC7
7/64       .29       0       350       170       350       170       —       —       230       Viton       10       10       S301GF02V2AD3         1/8       .36       0       200       140       200       140       —       —       230       Viton       10       10       S301GF02V2AD5         5/32       .44       0       150       100       150       100       —       —       230       Viton       10       10       S301GF02V2AD7	4.10	3/32	.21	0	400	200	400	200	400	200	_	_	230	Viton	10	10	S301GF02V2AC9
5/32 .44 0 150 100 150 100 150 100 — — 230 Viton 10 10 S301GF02V2AD7	1/8	7/64	.29	0	350	170	350	170	350	170	_	_	230	Viton	10	10	S301GF02V2AD3
		1/8	.36	0	200	140	200	140	200	140	_	_	230	Viton	10	10	S301GF02V2AD5
3/16   .65   0   100   70   100   70   100   70   —   —   230   Viton   10   10   S301GF02V2AE1		5/32	.44	0	150	100	150	100	150	100	_	_	230	Viton	10	10	S301GF02V2AD7
		3/16	.65	0	100	70	100	70	100	70	_	_	230	Viton	10	10	S301GF02V2AE1
1/4		1/4	.85	0	50	20	50	20	50	20	_	_	230	Viton	10	10	S301GF02V2AE7

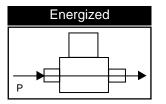
<sup>\*</sup> Class H Coil Recommended for Steam and Other High Temperature Applications

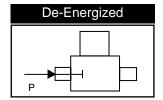
#### S301 – 1/8" NPT, Stainless Steel Body, Normally Closed



#### Valve Selection List







	Size		(	Opera	ating	Pres	sure	Diffe	rentia	al (ps	i)			Do		Model Code
Size	S. S.						Maxi	imum				ax Tem	erial		wer mption	(120V/60HZ — 110V/50HZ)
Pipe	Orifice		Minimum	Air/	Gas	Wa	ater	Ligh	t Oil	Ste	am*	Max Fluid Temp.	Seal Material	(Wa	atts)	Shown Shown
NPT	in.	C <sub>v</sub>	Min	AC	DC	AC	DC	AC	DC	AC	DC	°F	Se	AC	DC	Stainless Steel Body
	1/32	.03	0	2400	2400	2400	2400	2400	2400	150*	150*	366	Rulon	10	10	S301GF02R2AC1
	3/64	.05	0	1050	1000	1050	1000	1050	1000	150*	150*	366	Rulon	10	10	S301GF02R2AC3
	1/16	.10	0	700	300	700	300	700	300	150*	150*	366	Rulon	10	10	S301GF02R2AC5
	5/64	.15	0	500	240	500	240	500	240	150*	150*	366	Rulon	10	10	S301GF02R2AC7
1/8	3/32	.21	0	400	200	400	200	400	200	150*	150*	366	Rulon	10	10	S301GF02R2AC9
	7/64	.29	0	350	170	350	170	350	170	150*	150*	366	Rulon	10	10	S301GF02R2AD3
	1/8	.36	0	200	140	200	140	200	140	150*	140*	366	Rulon	10	10	S301GF02R2AD5
	5/32	.44	0	150	100	150	100	150	100	150*	100*	366	Rulon	10	10	S301GF02R2AD7
	3/16	.65	0	100	70	100	70	100	70	100*	70*	366	Rulon	10	10	S301GF02R2AE1
	1/4	.85	0	50	20	50	20	50	20	50*	20*	366	Rulon	10	10	S301GF02R2AE7
	1/32	.03	0	2400	2400	2400	2400	2400	2400	150*	150*	366	Teflon	10	10	S301GF02T2AC1
	3/64	.05	0	1050	1000	1050	1000	1050	1000	150*	150*	366	Teflon	10	10	S301GF02T2AC3
	1/16	.10	0	700	300	700	300	700	300	150*	150*	366	Teflon	10	10	S301GF02T2AC5
	5/64	.15	0	500	240	500	240	500	240	150*	150*	366	Teflon	10	10	S301GF02T2AC7
1/8	3/32	.21	0	400	200	400	200	400	200	150*	150*	366	Teflon	10	10	S301GF02T2AC9
	7/64	.29	0	350	170	350	170	350	170	150*	150*	366	Teflon	10	10	S301GF02T2AD3
	1/8	.36	0	200	140	200	140	200	140	150*	140*	366	Teflon	10	10	S301GF02T2AD5
	5/32	.44	0	150	100	150	100	150	100	150*	100*	366	Teflon	10	10	S301GF02T2AD7
	3/16	.65	0	100	70	100	70	100	70	100*	70*	366	Teflon	10	10	S301GF02T2AE1
	1/4	.85	0	50	20	50	20	50	20	50*	20*	366	Tefon	10	10	S301GF02T2AE7

<sup>\*</sup> Class H Coil Recommended for Steam and Other High Temperature Applications



## S301 – 1/8" NPT, Stainless Steel Body, Normally Closed

## **Part Numbering**

1 2 3	4	5	6	7 8	9	10	11	12 13
<b>S</b> 3 0	1	G	F	0 2	C	2	A	<b>C</b> 1
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
\$30	1: Normally Closed * Se		H: Class H	02: 120/60 110/50 " for additional v	C: EPR N: Nitrile V: Viton R: Rulon T: Teflon oltages, vari	2: Stainless Steel ations and op	A: 1/8" 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"

Coil F	amily
Type	Size
All	S4

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	18	19