

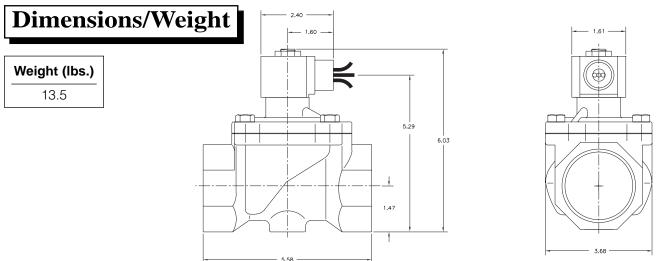
- 2" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:		Nitrile, Viton®, Ethylene Propylene
	Orifice:	Pilot Main	Stainless Steel Brass Ø 11/4"
Electrical	Standard Ho	ousing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Ho	usings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Vo	oltages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tole	rance:	±10% of applicable voltage
	Coil Classes	S:	F, H, N
	Standard Le	ad Length:	24 inch
Operating Temperature	Ambient (No	ominal):	32°F to 125°F
Mounting	Position:		Vertical and Upright
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

^{*} Not available for all variations

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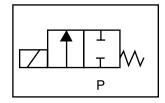


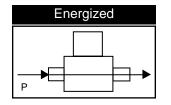


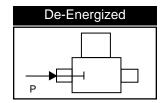
S211 – 2" NPT, Brass Body, Normally Closed

Valve Selection List

Normally Closed







Size	Size	Operating Pressure Differential (psi) Maximum								(ps	i)	k emp.	a	Power Consumption		Model Code	
Pipe Si	Orifice		Ш	Air/	Gas	Wa	ater	Ligh	t Oil	Ste	am*	Max Fluid Temp.	Material	(Wa	• .	(120V/60HZ — 110V/50HZ) Shown Brass Body	
NPT	IN	C _v	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	۴	Seall	AC	DC		
	1 1/4	28	5	200	150	150	150	_	_	_	_	295	EPR	8	9	S211GF02C5JJ2	
0	1 1/4	28	5	200	150	150	150	85	85	_	_	180	Nitrile	8	9	S211GF02N5JJ2	
2	1 1/4	28	5	200	150	150	150	85	85	_	_	230	Viton	8	9	S211GF02V5JJ2	
	1 1/4	28	5	_	_	_	_	_	_	50*	50*	295	EPR	8	9	S211GH02C5JJ2	

^{*} 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
S	2 1	1	1	G	F	0 2	C	5	J	J 2
Sei	ries		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S2	21		1: Normally Closed * Se		H: Class H	02: 120/60 110/50 " for additional v	C: EPR N: Nitrile V: Viton	5: Brass	J: 2" NPT	J2: 1 1/4"
						.c. additional v				

Coil Data

Coil Family

Type	Size
ALL	S3

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



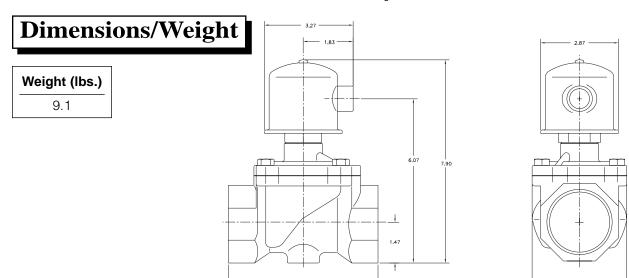
- 2" NPT
- Brass Body
- 2-Way Zero DifferentialPiloted Diaphragm
- Normally Closed



Materials	Seals:		Nitrile, Viton®, Ethylene Propylene
		Pilot Main	Stainless Steel Brass Ø 1 1/4"
Electrical	Standard Hous	sing:	Conduit (NEMA 1)
	Optional Housi	ings:	Watertight (NEMA 4), Junction Box. Contact GC Valves Customer Service for others.
	Standard Volta	iges:	24, 120, 240 AC 60 Hz; 50 Hz available 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolera	nce:	±10% of applicable voltage
	Coil Classes:		F, H
	Standard Lead	Length:	18 inch
Operating Temperature	Ambient (Nomi	inal):	32°F to 125°F
Mounting	Position:		Vertical and Upright
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

^{*} Not available for all variations

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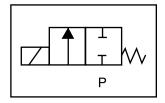
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

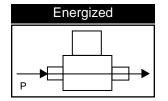


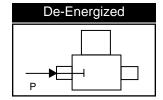
S27 – 2" NPT, Brass Body, Normally Closed

Valve Selection List

Normally Closed







Size	Size	Operating Pressure Differential (p								l (ps	i)	k mp.	rial	Power Consumption		Model Code	
Pipe Si	Orifice		Ш	Air/	Gas	Wa	ater	Ligh	ıt Oil	Ste	am*	Max Fluid Temp.	Materi	(Watts)		(120V/60HZ — 110V/50HZ Shown	
NPT	IN	C _V	Minim	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal	AC	DC	Brass Body	
	1 1/4	28	0	125	125	50	50	_	_	_	_	295	EPR	17.5	22.5	S271AF02C5JJ2	
2	1 1/4	28	0	125	125	50	50	70	70	_	_	180	Nitrile	17.5	22.5	S271AF02N5JJ2	
2	1 1/4	28	0	125	125	50	50	70	70		_	230	Viton	17.5	22.5	S271AF02V5JJ2	
	1 1/4	28	0	_		_	_	_	_	50*	_	295	EPR	17.5		S271AH02C5JJ2	

^{*} 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
S	2	7	1	Α	F	0 2	C	5	J	J 2
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S27		1: Normally Closed * Se		H: Class H	02: 120/60 110/50 " for additional v	C: EPR N: Nitrile V: Viton oltages, vari	5: Brass ations and op	J: 2" NPT	J2: 1 1/4"

Coil Data

Coil Family									
Туре	Size								
All	S5								

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	130	130
	Holding	22	28



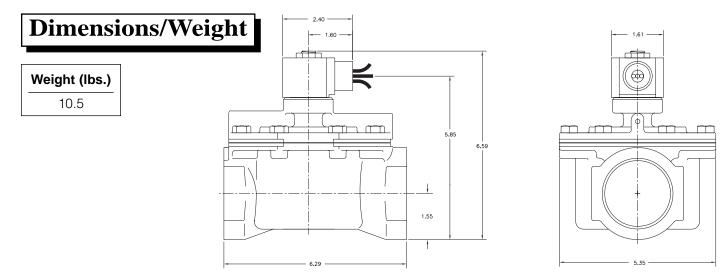
- High Performance
- 2" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed



Seals:	Nitrile®, Teflon®
Orifice: Pilot Main	Stainless Steel Brass Ø 1 1/2" - #4 Body; Stainless Steel Ø 1 1/2" - #2 Body
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 Contact GC Valves Customer Service for Additional Voltages.
Voltage Tolerance:	±10% of applicable voltage
Coil Classes:	F, H, N
Standard Lead Length:	24 inch
Ambient (Nominal):	32°F to 125°F
Position:	±15° From Vertical
Agency:	UL Listed, UL Recognized, CSA Approved
	Orifice: Pilot Main Standard Housing: Optional Housings: Standard Voltages: Voltage Tolerance: Coil Classes: Standard Lead Length: Ambient (Nominal): Position:

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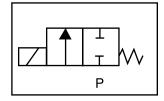


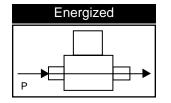


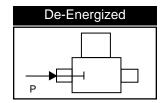
S211 – High Performance, 2" NPT, Brass Body, Normally Closed

Valve Selection List

Normally Closed







Size	Size		С	pera	erating Pressure Differential (psi) Maximum)	k emp.	a	Power Consumption		Model Code	
Pipe Si	Orifice		Шn	Air/	Gas	Wa	iter	Ligh	t Oil	Ste	am*	Max luid Temp.	Material		atts)	(120V/60HZ — 110V/50HZ) Shown	
NPT	IN	C _v	Minim	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seall	AC	DC	Brass Body	
2	1 1/2	29	10	250	150	250	150	250	150	_	_	180	Nitrile	8	9	S211GF02N4JJ5	
	1 1/2	29	10	_		_	_	_	_	150*	150*	366	Teflon	8	9	S211GH02T2JJ5	

^{*} 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
S	2	1	1	G	F	0 2	N	4	J	J 5
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S21		1: Normally Closed * Se	G: Conduit e the "Engine	H: Class H	02: 120/60 110/50 " for additional v	T: Teflon/ EPR	4: Brass 2: Brass ations and op	J: 2" NPT	J5: 1 1/2"

Coil Data

Coil Family

Type	Size
All	S3

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



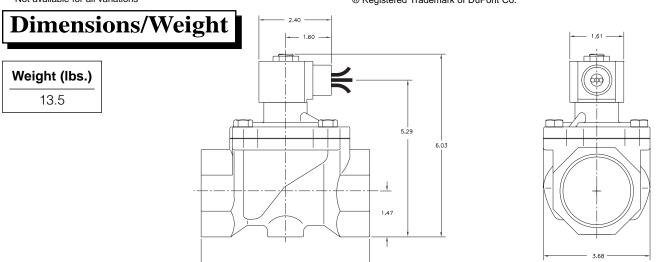
- 2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:		Nitrile, Viton®, Ethylene Propylene
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 1 1/4"
Electrical	Standard Ho	ousing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hou	usings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Vo	Itages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tole	rance:	±10% of applicable voltage
	Coil Classes	:	F, H, N
	Standard Le	ad Length:	24 inch
Operating Temperature	Ambient (No	minal):	32°F to 125°F
Mounting	Position:		Vertical and Upright
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

^{*} Not available for all variations

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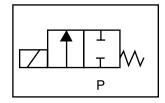


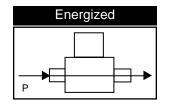


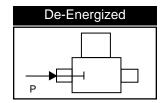
S211 – 2" NPT, Stainless Steel Body, Type 316, Normally Closed

Valve Selection List

Normally Closed







Size	Size		C	Operating Pressure Differential (psi) Maximum							i)	k emp.	al	Pov	wer mption	Model Code	
Pipe Si	Orifice		imum	Air/	Gas	Wa	ater	Light Oil Steam*		Max Fluid Temp. Material		(Watts)		(120V/60HZ — 110V/50HZ Shown			
NPT	IN	C _v	Minim	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal	AC	DC	Stainless Steel Body Type 316	
	1 1/4	28	5	200	150	150	150	_	_	_	_	295	EPR	8	9	S211GF02E7JJ2	
2	1 1/4	28	5	200	150	150	150	85	85	_	_	180	Nitrile	8	9	S211GF02J7JJ2	
2	1 1/4	28	5	200	150	150	150	85	85	_	_	230	Viton	8	9	S211GF02L7JJ2	
	1 1/4	28	5	_	_	_	_	_	_	50*	50*	295	EPR	8	9	S211GH02E7JJ2	

^{*} 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
S	2	1	1	G	F	0 2	E	7	J	J 2
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S21		1: Normally Closed		H: Class H		E: EPR J: Nitrile L: Viton	7: 316 SS	J: 2" NPT	J2: 1 1/4"
			* See the "Engineering Guide" for additional voltages, variations and options.							

Coil Data

Coil Family

Type	Size
ALL	S3

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

S27 Series



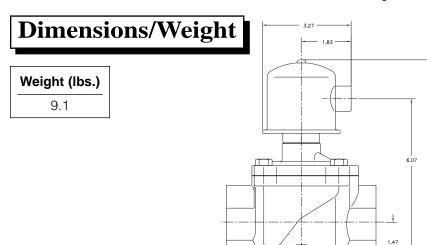
- 2" NPT
- Stainless Steel Type 316
- 2-Way Zero DifferentialPiloted Diaphragm
- Normally Closed

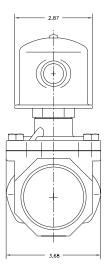


Materials	Seals:		Nitrile, Viton®, Ethylene Propylene				
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 1 1/4"				
Electrical	Standard Hou	sing:	Conduit (NEMA 1)				
	Optional Hous	sings:	Watertight (NEMA 4), Junction Box. Contact GC Valves Customer Service for others.				
	Standard Volta	ages:	24, 120, 240 AC 60 Hz; 50 Hz available 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.				
	Voltage Tolera	ance:	±10% of applicable voltage				
	Coil Classes:		F, H				
	Standard Lead	d Length:	18 inch				
Operating Temperature	Ambient (Nom	ninal):	32°F to 125°F				
Mounting	Position:		Vertical and Upright				
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved				

^{*} Not available for all variations

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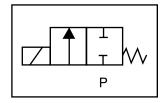
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

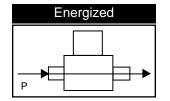


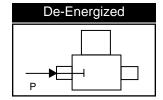
S271 – 2" NPT, Stainless Steel Body, Type 316 Normally Closed

Valve Selection List

Normally Closed







Size	Size		С	perating Pressure Differential (psi) Maximum								c mp.	rial	- ' -	wer	Model Code	
Pipe Si	Air/Gas Water Light Oil S		Ste			Material	(Watts)		(120V/60HZ — 110V/50HZ) Shown								
NPT	IN	C _v	Minim	AC	DC	AC	DC	AC	DC	AC	DC	ш	Seal	AC DC		Stainless Steel Body Type 316	
	1 1/4	28	0	125	125	50	50	_	_	_	_	295	EPR	17.5	22.5	S271AF02E7JJ2	
0	1 1/4	28	0	125	125	50	50	70	70	_	_	180	Nitrile	17.5	22.5	S271AF02J7JJ2	
2	1 1/4	28	0	125	125	50	50	70	70	_	_	230	Viton	17.5	22.5	S271AF02L7JJ2	
	1 1/4	28	0	_	_	_	_	_	_	50*	_	295	EPR	17.5	22.5	S271AH02E7JJ2	

^{*} 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
S	2	7	1	A	F	0 2	E	7	J	J 2
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S27		1: Normally Closed * Se		H: Class H	02: 120/60 110/50 " for additional v	E: EPR J: Nitrile L: Viton oltages, vari	7: 316 SS ations and or	J: 2" NPT	J2: 1 1/4"

Coil Data

Coll Family							
Type	Size						
All	S 5						

Frequency (Hz)	60	50	
Nominal Power (VA)	Inrush	130	130
	Holding	22	28



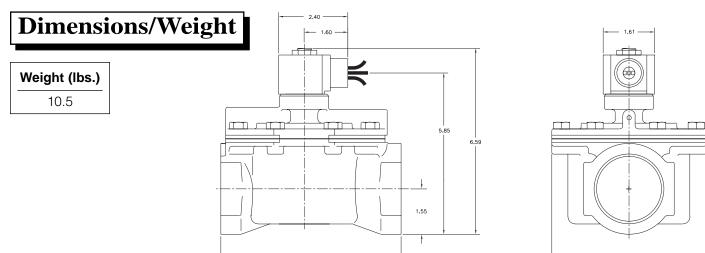
- High Performance
- 2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Teflon®					
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1 1/2"					
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 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:	±15° From Vertical					
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved					

^{*} Not available for all variations

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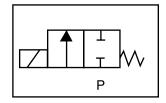


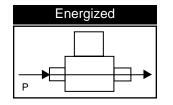


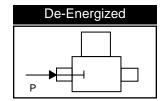
S211 – High Performance, 2" NPT, Stainless Steel Body-Type 316, Normally Closed

Valve Selection List

Normally Closed







Φ	Size	ize	С	pera	ting F	ress	ure E Maxir		ential	(psi)	ηp.			wer	Model Code		
Pipe Size	Orifice S		Шn	Air/	Gas	Wa			t Oil	Ste	am*	Max luid Temp.	Material	Consumption (Watts)		1207/00112 — 11		(120V/60HZ — 110V/50HZ) Shown
⊾ NPT	O IN	C _v	Minim	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal N	AC	DC	Stainless Steel Body Type 316		
	1 1/2	29	10	250	150	250	150	250	150	_	_	180	Nitrile	8	9	S211GF02N1JJ5		
2	1 1/2	29	10	_	_	_	_	_	_	150*	150*	366	Teflon	8	9	S211GH02T1JJ5		

^{*} 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
S	2	1	1	G	F	0 2	N	1	J	J 5
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S21 1: Normally G: Cor Closed				F: Class F H: Class H eering Guide	02: 120/60 110/50 " for additional v	N: Nitrile T: Teflon/ EPR oltages, vari	1: Stainless Steel ations and op	J: 2" NPT	J5: 1 1/2"

Coil Data

Coil Family							
Type	Size						
All	S3						

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