

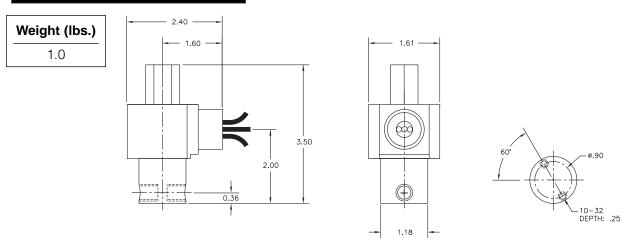
- 1/8" NPT
- Brass Body
- 3-Way Direct Acting
- Normally Closed



Materials	Seals:		Nitrile, Viton [®] , Ethylene Propylene or Teflon [®]					
		op Iain	Stainless Steel Stainless Steel					
Electrical	Standard Housi	ng:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Housin	ngs:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
	Standard Voltag	jes:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.					
	Voltage Tolerand	ce:	±10% of applicable voltage					
	Coil Classes:		F, H, N					
	Standard Lead I	Length:	24 inch					
Operating Temperature	Ambient (Nomin	nal):	32° to 125°F					
Mounting	Position		Any					
Approvals*	Agency		UL Listed, UL Recognized, CSA Approved					

* Not available for all variations

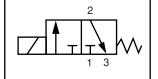
Dimensions/Weight

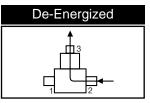




Valve Selection List

Normally Closed





Size	Orit Siz	ze	С	v	Ор	erating	Pressur Maxi		ential (psi)	emp.	a	Pov Consu		Model Code (120V/60HZ — 110V/50HZ)
Pipe S	11	N			Air/0	Gas	Wa	iter	Ligh	t Oil	Max Fluid Temp.	Material	(Wa		(1207/0012 - 1107/3012) Shown)
NPT	Main	Top	Main	Тор	AC	DC	AC	DC	AC	DC	°F	Seal I	AC	DC	Brass Body
	3/64	1/16	.05	.10	170	170	170	170	_	_	295	EPR	8	9	S313GF02C8AV3
	1/16	1/16	.08	.10	120	120	120	120			295	EPR	8	9	S313GF02C8AC5
1/8	3/32	3/32	.20	.20	65	65	65	65			295	EPR	8	9	S313GF02C8AC9
	1/8	3/32	.27	.20	40	40	40	40			295	EPR	8	9	S313GF02C8AV3
	5/32	3/32	.41	.20	25	25	25	25			295	EPR	8	9	S313GF02C8AV7
	3/64	1/16	.05	.10	170	170	170	170	170	170	180	Nitrile	8	9	S313GF02N8AV1
	1/16	1/16	.08	.10	120	120	120	120	120	120	180	Nitrile	8	9	S313GF02N8AC5
1/8	3/32	3/32	.20	.20	65	65	65	65	65	65	180	Nitrile	8	9	S313GF02N8AC9
	1/8	3/32	.27	.20	40	40	40	40	40	40	180	Nitrile	8	9	S313GF02N8AV3
	5/32	3/32	.41	.20	25	25	25	25	25	25	180	Nitrile	8	9	S313GF02N8AV7
	3/64	1/16	.05	.10	170	170	170	170	170	170	230	Viton	8	9	S313GF02V8AV1
	1/16	1/16	.08	.10	120	120	120	120	120	120	230	Viton	8	9	S313GF02V8AC5
1/8	3/32	3/32	.20	.20	65	65	65	65	65	65	230	Viton	8	9	S313GF02V8AC9
	1/8	3/32	.27	.20	40	40	40	40	40	40	230	Viton	8	9	S313GF02V8AV3
	5/32	3/32	.41	.20	25	25	25	25	25	25	230	Viton	8	9	S313GF02V8AV7
	3/64	1/16	.05	.10	170	170	170	170	170	170	366*	Teflon	8	9	S313GF02T8AV1
	1/16	1/16	.08	.10	120	120	120	120	120	120	366*	Teflon	8	9	S313GF02T8AC5
1/8	3/32	3/32	.20	.20	65	65	65	65	65	65	366*	Teflon	8	9	S313GF02T8AC9
	1/8	3/32	.27	.20	40	40	40	40	40	40	366*	Teflon	8	9	S313GF02T8AV3
	5/32	3/32	.41	.20	25	25	25	25	25	25	366*	Teflon	8	9	S313GF02T8AV7



Part Nu	Part Numbering									
1 2 3 S 3 1	4 3	₅	6 F	7 8 0 2	9 C	10 8		12 13 V 1		
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size (Main x Top)		
S31	3: Normally Closed	G: Conduit	F: Class F	02: 120/60 110/50	C: EPR N: Nitrile V: Viton T: Teflon	8: Brass		V1: 3/64" x 1/16" C5: 1/16" x 1/16" C9: 3/32" x 3/32" V3: 1/8" x 3/32" V7: 5/32" x 3/32"		
	* Se	ו e the "Engine I	ı əering Guide I	i " for additional v I	ı voltages, var I	I iations and op I	ı otions. I			

Coil I	amily	Frequency (Hz)	Frequency (Hz)						
Туре	Size	Nominal Power (VA)	Inrush	36	36				
All	S3		Holding	16	17				
			riolaing	10	17				



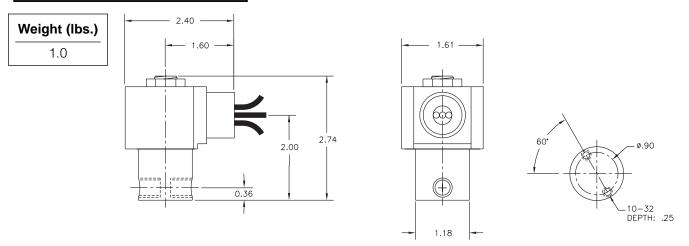
- 1/8" NPT
- Brass Body
- 3-Way Direct Acting
- Normally Closed
- Free Exhaust



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene or Teflon [®]
	Orifices: Top Main	Stainless Steel 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 Listed, UL Recognized, CSA Approved

* Not available for all variations.

Dimensions/Weight

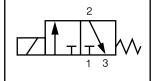




S317 – 1/8" NPT, Brass Body, Normally Closed, Free Exhaust

Valve Selection List

Normally Closed



Energized	

De-Energized	

0	Orifice Size		С	, v	Op	erating	Pressui Maxi		ential (psi)	. d		Pov	wer	Model Code	
Pipe Size	II	N			Air/0	Gas	Wa	-	Ligh	t Oil	Max Fluid Temp.	Material	Consu (Wa	· ·	(120V/60HZ — 110V/50HZ) Shown)	
∩ NPT	Main	Top	Main	Тор	AC	DC	AC	DC	AC	DC	°F	Seal N	AC	DC	Brass Body	
	3/64	1/16	.05	.10	170	170	170	170	—	—	295	EPR	8	9	S317GF02C8AV1	
	1/16	1/16	.08	.10	120	120	120	120	_	_	295	EPR	8	9	S317GF02C8AC5	
1/8	3/32	3/32	.20	.20	65	65	65	65	_		295	EPR	8	9	S317GF02C8AC9	
	1/8	3/32	.27	.20	40	40	40	40	_	_	295	EPR	8	9	S317GF02C8AV3	
	5/32	3/32	.41	.20	25	25	25	25		_	295	EPR	8	9	S317GF02C8AV7	
	3/64	1/16	.05	.10	170	170	170	170	170	170	180	Nitrile	8	9	S317GF02N8AV1	
	1/16	1/16	.08	.10	120	120	120	120	120	120	180	Nitrile	8	9	S317GF02N8AC5	
1/8	3/32	3/32	.20	.20	65	65	65	65	65	65	180	Nitrile	8	9	S317GF02N8AC9	
	1/8	3/32	.27	.20	40	40	40	40	40	40	180	Nitrile	8	9	S317GF02N8AV3	
	5/32	3/32	.41	.20	25	25	25	25	25	25	180	Nitrile	8	9	S317GF02N8AV7	
	3/64	1/16	.05	.10	170	170	170	170	170	170	230	Viton	8	9	S317GF02V8AV1	
	1/16	1/16	.08	.10	120	120	120	120	120	120	230	Viton	8	9	S317GF02V8AC5	
1/8	3/32	3/32	.20	.20	65	65	65	65	65	65	230	Viton	8	9	S317GF02V8AC9	
	1/8	3/32	.27	.20	40	40	40	40	40	40	230	Viton	8	9	S317GF02V8AV3	
	5/32	3/32	.41	.20	25	25	25	25	25	25	230	Viton	8	9	S317GF02V8AV7	
	3/64	1/16	.05	.10	170	170	170	170	170	170	366*	Teflon	8	9	S317GF02T8AV1	
	1/16	1/16	.08	.10	120	120	120	120	120	120	366*	Teflon	8	9	S317GF02T8AC5	
1/8	3/32	3/32	.20	.20	65	65	65	65	65	65	366*	Teflon	8	9	S317GF02T8AC9	
	1/8	3/32	.27	.20	40	40	40	40	40	40	366*	Teflon	8	9	S317GF02T8AV3	
	5/32	3/32	.41	.20	25	25	25	25	25	25	366*	Teflon	8	9	S317GF02T8AV7	

S317 – 1/8" NPT, Brass Body, Normally Closed, Free Exhaust



Part Nu	mberi	ng							
1 2 3 S 3 1	4 7	5 G	6 F	7 0	⁸	9 C	10 8		12 13
Series	Operating Mode	Housing*	Coil Class*	Volt	age*	Seal Material	Body Material	Pipe Connection	Orifice Size (Main x Top)
S31	7: Normally Closed (Free Exhaust)	G: Conduit	F: Class F	-	20/60 10/50	C: EPR N: Nitrile V: Viton T: Teflon	8: Brass	A: 1/8" NPT	V1: 3/64" x 1/16" C5: 1/16" x 1/16" C9: 3/32" x 3/32" V3: 1/8" x 3/32" V7: 5/32" x 3/32"
	* Se	e the "Engine I	i eering Guide I	" for add	ditional v	voltages, var I	iations and op	n otions. I	

	Coil I	amily	Frequency (Hz)	Frequency (Hz)					
_	Type All	Size S3	Nominal Power (VA)	Inrush	36	36			
				Holding	16	17			





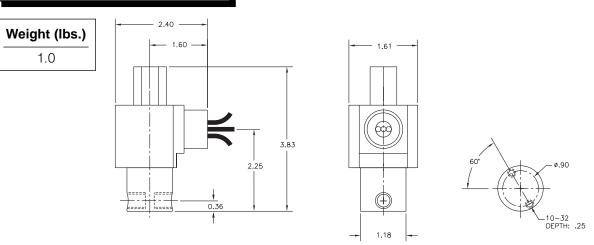
- 1/8" NPT
- Brass Body
- 3-Way Direct Acting
- Normally Closed



Materials	Seals		Nitrile, Viton [®] , Ethylene Propylene or Teflon [®]
	Orifice	Top Main	Stainless Steel Stainless Steel
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	erance:	±10% of applicable voltage
	Coil Classes	6:	F, H, N
	Standard Le	ad Length:	24 inch
Operating Temperature	Ambient (No	ominal):	32° to 125°F
Mounting	Position		Any
Approvals*	Agency		UL Listed, UL Recognized, CSA Approved

* Not available for all variations

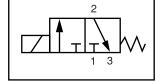
Dimensions/Weight



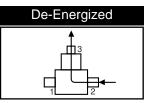


Valve Selection List

Normally Closed



Energized



	Ori	Orifice		V	Ope	erating	Pressur	e Differ	ential (osi)	ġ		Po	wer	Model Code	
ize	Si			'V			Maxi	mum			emp	ial		mption	(120V/60HZ — 110V/50HZ)	
Pipe Size		N			Air/0	Gas	Wa	iter	Ligh	t Oil	Max Fluid Temp.	Material	(Wa	atts)	Shown	
а NPT	Main	Тор	Main	Top	AC	DC	AC DC		AC DC		°F	Seal N	AC DC		Brass Body	
	3/64	1/16	.05	.10	220	220	220	200			295	EPR	10	10	S303GF02C8AV1	
		1/16		.10	150	150	150	150		_	295	EPR	10	10	S303GF02C8AC5	
	3/32	3/32	.18	.23	100	100	100	100			295	EPR	10	10	S303GF02C8AC9	
1/8	1/8	3/32	.30	.23	75	75	75	75			295	EPR	10	10	S303GF02C8AV3	
	5/32	3/32	.41	.23	50	50	50	50	_	_	295	EPR	10	10	S303GF02C8AV7	
	3/16	3/32	.53	.23	30	30	30	30			295	EPR	10	10	S303GF02C8AV9	
	1/4	3/32	.83	.23	15	15	15	15	_	_	295	EPR	10	10	S303GF02C8AW1	
	3/64	1/16	.05	.10	220	220	220	220	220	220	180	Nitrile	10	10	S303GF02N8AV1	
	1/16	1/16	.08	.10	150	150	150	150	150	150	180	Nitrile	10	10	S303GF02N8AC5	
	3/32	3/32	.18	.23	100	100	100	100	100	100	180	Nitrile	10	10	S303GF02N8AC9	
1/8	1/8	3/32	.30	.23	75	75	75	75	75	75	180	Nitrile	10	10	S303GF02N8AV3	
	5/32	3/32	.41	.23	50	50	50	50	50	50	180	Nitrile	10	10	S303GF02N8AV7	
	3/16	3/32	.53	.23	30	30	30	30	30	30	180	Nitrile	10	10	S303GF02N8AV9	
	1/4	3/32	.83	.23	15	15	15	15	15	15	180	Nitrile	10	10	S303GF02N8AW1	
	3/64	1/16	.05	.10	220	220	220	220	220	220	230	Viton	10	10	S303GF02V8AV1	
	1/16	1/16	.08	.10	150	150	150	150	150	150	230	Viton	10	10	S303GF02V8AC5	
	3/32	3/32	.18	.23	100	100	100	100	100	100	230	Viton	10	10	S303GF02V8AC9	
1/8	1/8	3/32	.30	.23	75	75	75	75	75	75	230	Viton	10	10	S303GF02V8AV3	
	5/32	3/32	.41	.23	50	50	50	50	50	50	230	Viton	10	10	S303GF02V8AV7	
	3/16	3/32	.53	.23	30	30	30	30	30	30	230	Viton	10	10	S303GF02V8AV9	
	1/4	3/32	.83	.23	15	15	15	15	15	15	230	Viton	10	10	S303GF02V8AW1	
	3/64	1/16	.05	.10	220	220	220	220	220	220	366*	Teflon	10	10	S303GF02T8AV1	
	1/16	1/16	.08	.10	150	150	150	150	150	150	366*	Teflon	10	10	S303GF02T8AC5	
	3/32	3/32	.18	.23	100	100	100	100	100	100	366*	Teflon	10	10	S303GF02T8AC9	
1/8	1/8	3/32	.30	.23	75	75	75	75	75	75	366*	Teflon	10	10	S303GF02T8AV3	
	5/32	3/32	.41	.23	50	50	50	50	50	50	366*	Teflon	10	10	S303GF02T8AV7	
	3/16	3/32	.53	.23	30	30	30	30	30	30	366*	Teflon	10	10	S303GF02T8AV9	
	1/4	3/32	.83	.23	15	15	15	15	15	15	366*	Teflon	10	10	S303GF02T8AW1	



Pa	art 1	Nu	mberi	ng							
1 S	2	з П	4	₅ G	6 F	7 0	8 2	9 C	10 8	11 Δ	12 13
	Geries	U	Operating Mode	Housing*	Coil Class*		age*	Seal Material	Body Material	Pipe Connection	Orifice Size (Main x Top)
	S30		3: Normally Closed	G: Conduit	F: Class F	-	20/60 10/50	C: EPR N: Nitrile V: Viton T: Teflon	8: Brass		V1: 3/64" x 1/16" C5: 1/16" x 1/16" C9: 3/32" x 3/32" V3: 1/8" x 3/32" V7: 5/32" x 3/32"
			* Se	i e the "Engine I	I eering Guide I	i " for ad	ditional v	ı oltages, vari I	I ations and op I	I otions. I	V9: 3/16" x 3/32" W1: 1/4" x 3/32"

	Coil Family		Frequency (Hz)		60	50
	Туре	Size			46	40
1	All	S4	Nominal Power (VA)	Inrush		46
				Holding	20	23



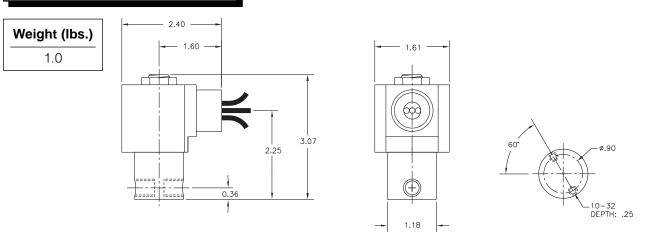
- 1/8" NPT
- Brass Body
- 3-Way Direct Acting
- Normally Closed
- Free Exhaust



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

* Not available for all variations

Dimensions/Weight





S307 – 1/8" NPT, Brass Body, Normally Closed, Free Exhaust

Valv	Valve Selection List																										
Normal	ly Cle	oseo			-			,			Ene		d }→→		De-Energized												
Pipe Size	Orifice Size IN		Size IN		Size IN		Size IN		Size IN		Size IN		Size IN			~ _	Ope Air/0		Pressui Maxi Wa	mum	rential (Ligh	psi) t Oil	Max Fluid Temp.	Material	Consu	wer mption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)
NPT	Main	Тор	Main	Top	AC	DC	AC	DC	AC	DC	°F	Seal	AC	DC	Brass Body												
	3/64	1/16	.05	.10	220	220	220	220	_	_	295	EPR	10	10	S307GF02C8AV1												
	1/16	1/16	.08	.10	150	150	150	150	_	_	295	EPR	10	10	S307GF02C8AC5												
	3/32	3/32	.18	.23	100	100	100	100	—	_	295	EPR	10	10	S307GF02C8AC9												
1/8	1/8	3/32	.30	.23	75	75	75	75	—	_	295	EPR	10	10	S307GF02C8AV3												
	5/32	3/32	.41	.23	50	50	50	50	_	_	295	EPR	10	10	S307GF02C8AV7												
	3/16	3/32	.53	.23	30	30	30	30	—	_	295	EPR	10	10	S307GF02C8AV9												
	1/4	3/32	.83	.23	15	15	15	15	—	_	295	EPR	10	10	S307GF02C8AW1												
	3/64	1/16	.05	.10	220	220	220	220	220	220	180	Nitrile	10	10	S307GF02N8AV1												
	1/16	1/16	.08	.10	150	150	150	150	150	150	180	Nitrile	10	10	S307GF02N8AC5												
	3/32	3/32	.18	.23	100	100	100	100	100	100	180	Nitrile	10	10	S307GF02N8AC9												
1/8	1/8	3/32	.30	.23	75	75	75	75	75	75	180	Nitrile	10	10	S307GF02N8AV3												
	5/32	3/32	.41	.23	50	50	50	50	50	50	180	Nitrile	10	10	S307GF02N8AV7												
	3/16	3/32	.53	.23	30	30	30	30	30	30	180	Nitrile	10	10	S307GF02N8AV9												
	1/4	3/32	.83	.23	15	15	15	15	15	15	180	Nitrile	10	10	S307GF02N8AW1												
	3/64	1/16	.05	.10	220	220	220	220	220	220	230	Viton	10	10	S307GF02V8AV1												
	1/16			.10	150	150	150	150	150	150	230	Viton	10	10	S307GF02V8AC5												
	3/32	3/32	.18	.23	100	100	100	100	100	100	230	Viton	10	10	S307GF02V8AC9												
1/8	1/8	3/32	.30	.23	75	75	75	75	75	75	230	Viton	10	10	S307GF02V8AV3												
	5/32	3/32	.41	.23	50	50	50	50	50	50	230	Viton	10	10	S307GF02V8AV7												
	3/16	3/32	.53	.23	30	30	30	30	30	30	230	Viton	10	10	S307GF02V8AV9												
	1/4	3/32	.83	.23	15	15	15	15	15	15	230	Viton	10	10	S307GF02V8AW1												
	3/64	1/16	.05	.10	220	220	220	220	220	220	366*	Teflon	10	10	S307GF02T8AV1												
	1/16	1/16	.08	.10	150	150	150	150	150	150	366*	Teflon	10	10	S307GF02T8AC5												
	3/32	3/32	.18	.23	100	100	100	100	100	100	366*	Teflon	10	10	S307GF02T8AC9												
1/8	1/8	3/32	.30	.23	75	75	75	75	75	75	366*	Teflon	10	10	S307GF02T8AV3												
	5/32	3/32	.41	.23	50	50	50	50	50	50	366*	Teflon	10	10	S307GF02T8AV7												
	3/16	3/32	.53	.23	30	30	30	30	30	30	366*	Teflon	10	10	S307GF02T8AV9												
	1/4	3/32	.83	.23	15	15	15	15	15	15	366*	Teflon	10	10	S307GF02T8AW1												

S307 – 1/8" NPT, Brass Body, Normally Closed, Free Exhaust



I	art	Nu	mberi	ng							
1	2	3	4	5	6	7	8	9	10	11	12 13
S	3	0	7	G	F	0	2		8		<u>V</u> 1
	Series		Operating Mode	Housing*	Coil Class*	Volt	age*	Seal Material	Body Material	Pipe Connection	Orifice Size (Main x Top)
	S30		7: Normally Closed (Free Exhaust)	G: Conduit	F: Class F	-	20/60 10/50	C: EPR N: Nitrile V: Viton T: Teflon	8: Brass		V1: 3/64" x 1/16 C5: 1/16" x 1/16 C9: 3/32" x 3/32 V3: 1/8" x 3/32" V7: 5/32" x 3/32 V9: 3/16" x 3/32
	* See the "Engineering Guide" for additional voltages, variations and options.										

Coil Family		Frequency (Hz)		60	50
Туре	Size			46	
All	S4	— Nominal Power (VA)	Inrush	46	46
			Holding	20	23

S33 Series



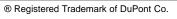
- 1/8" NPT
- Brass Body
- 3-Way Direct Acting
- Normally Closed

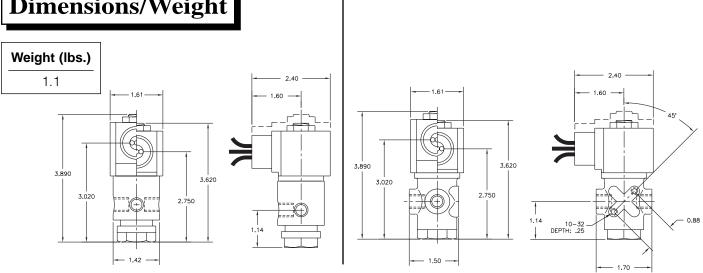


Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene					
	Orifices:	Brass					
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact 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 Listed, UL Recognized, CSA Approved					

* Not available for all variations

Dimensions/Weight







Valve Selection List

Normally Closed

		1
 2	3	
Т		
	1	

Energized								
	1							

De-Energized	

ize	Size		(Operati	ng Pre	ssure Maxi		ntial (p	osi)	× emp.	ial	Pov Consu		Model Code (120V/60HZ — 110V/50HZ)		
Pipe Size	Orifice		unu	Air/0	Gas	Wa	ater	Ligh	nt Oil	Max Fluid Temp.	Material	(Wa		Shown /		
NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	°F	Seal	AC	DC	Brass Body		
1/8	1/16	.09	0	160	100	160	100	—	_	295	EPR	8	9	S333GF02C3AC5		
Reduced	3/32	.15	0	100	50	100	50	—		295	EPR	8	9	S333GF02C3AC9		
Power	1/8	.26	0	50	30	50	30	_	_	295	EPR	8	9	S333GF02C3AD5		
	1/16	.09	0	200	160	200	160	—	_	295	EPR	10	10	S333GF02C4AC5		
4/0	3/32	.15	0	150	114	150	114	_	_	295	EPR	10	10	S333GF02C4AC9		
1/8	1/8	.31	0	84	60	84	60	—		295	EPR	10	10	S333GF02C4AD5		
	11/64	.38	0	45	24	45	24	—		295	EPR	10	10	S333GF02C4AD8		
1/8	1/16	.09	0	160	100	160	100	160	100	180	Nitrile	8	9	S333GF02N3AC5		
Reduced	3/32	.15	0	100	50	100	50	100	50	180	Nitrile	8	9	S333GF02N3AC9		
Power	1/8	.26	0	50	30	50	30	50	30	180	Nitrile	8	9	S333GF02N3AD5		
	1/16	.09	0	200	160	200	160	200	160	180	Nitrile	10	10	S333GF02N4AC5		
	3/32	.15	0	150	114	150	114	150	114	180	Nitrile	10	10	S333GF02N4AC9		
1/8	1/8	.31	0	84	60	84	60	84	60	180	Nitrile	10	10	S333GF02N4AD5		
	11/64	.38	0	45	24	45	24	45	24	180	Nitrile	10	10	S333GF02N4AD8		
1/8	1/16	.09	0	160	100	160	100	160	100	230	Viton	8	9	S333GF02V3AC5		
Reduced	3/32	.15	0	100	50	100	50	100	50	230	Viton	8	9	S333GF02V3AC9		
Power	1/8	.26	0	50	30	50	30	50	30	230	Viton	8	9	S333GF02V3AD5		
	1/16	.09	0	200	160	200	160	200	160	230	Viton	10	10	S333GF02V4AC5		
4/0	3/32	.15	0	150	114	150	114	150	114	230	Viton	10	10	S333GF02V4AC9		
1/8	1/8	.31	0	84	60	84	60	84	60	230	Viton	10	10	S333GF02V4AD5		
	11/64	.38	0	45	24	45	24	45	24	230	Viton	10	10	S333GF02V4AD8		



P	art	Nu	mberi	ng											
1	2	3	4	5	6	7 8	9	10	11	12 13					
S	3	3	3	G	F	02		3	A	C 5					
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size					
	S33		3: Normally Closed	G: Conduit	F: Class F	02: 120/60 110/50	-	3: Brass 4: Brass	A: 1/8" NPT	C5: 1/16" C9: 3/32" D5: 1/8" D8: 11/64"					
			* Se	* See the "Engineering Guide" for additional voltages, variations and options.											

Coil F	amily	Frequency (Hz)		6	0) 50	
Туре	Size	-	Body	3	4	3	4
(Body Code)		- Nominal Power (VA)	Inrush	36	46	36	46
3 4	S3 S4		Holding	13	18	14	19



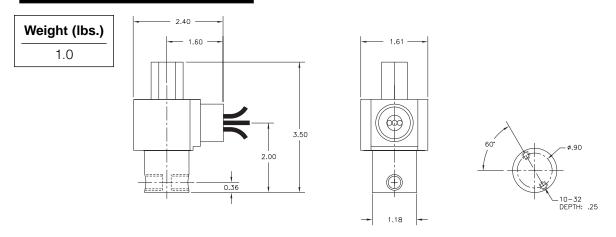
- 1/8" NPT
- Stainless Steel Body
- 3-Way Direct Acting
- Normally Closed



Seals:	Nitrile, Viton [®] , Ethylene Propylene or Teflon [®]
Orifices: Top Main	Stainless Steel Stainless Steel
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
Ambient (Nominal):	32° to 125°F
Position	Any
Agency	UL Listed, UL Recognized, CSA Approved
	Orifices: Top Main Standard Housing: Optional Housings: Optional Housings: Standard Voltages: Standard Voltages: Standard Voltages: Voltage Tolerance: Coil Classes: Standard Lead Length: Ambient (Nominal): Position Image Tolerance

* Not available for all variations

Dimensions/Weight

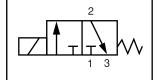




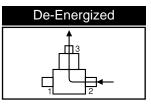
S313 – 1/8" NPT, Stainless Steel Body, Normally Closed

Valve Selection List

Normally Closed



Energized
21



Φ	Orit Siz		С	v	Ope	erating	Pressur Maxi		ential (psi)	du		Pov	wer	Model Code
Pipe Size	11	N			Air/0	Gas	Wa	-	Ligh	t Oil	Max Fluid Temp.	Material	Consu (Wa	· .	(120V/60HZ — 110V/50HZ) Shown)
∩_ NPT	Main	Top	Main	Top	AC	DC	AC	DC	AC	DC	°F	Seal N	AC	DC	Stainless Steel Body
	3/64	1/16	.05	.10	170	170	170	170	_	—	295	EPR	8	9	S313GF02C2AV1
	1/16	1/16	.08	.10	120	120	120	120	_	_	295	EPR	8	9	S313GF02C2AC5
1/8	3/32	3/32	.20	.20	65	65	65	65		_	295	EPR	8	9	S313GF02C2AC9
	1/8	3/32	.27	.20	40	40	40	40		_	295	EPR	8	9	S313GF02C2AV3
	5/32	3/32	.41	.20	25	25	25	25	_		295	EPR	8	9	S313GF02C2AV7
	3/64	1/16	.05	.10	170	170	170	170	170	170	180	Nitrile	8	9	S313GF02N2AV1
	1/16	1/16	.08	.10	120	120	120	120	120	120	180	Nitrile	8	9	S313GF02N2AC5
1/8	3/32	3/32	.20	.20	65	65	65	65	65	65	180	Nitrile	8	9	S313GF02N2AC9
	1/8	3/32	.27	.20	40	40	40	40	40	40	180	Nitrile	8	9	S313GF02N2AV3
	5/32	3/32	.41	.20	25	25	25	25	25	25	180	Nitrile	8	9	S313GF02N2AV7
	3/64	1/16	.05	.10	170	170	170	170	170	170	230	Viton	8	9	S313GF02V2AV1
	1/16	1/16	.08	.10	120	120	120	120	120	120	230	Viton	8	9	S313GF02V2AC5
1/8	3/32	3/32	.20	.20	65	65	65	65	65	65	230	Viton	8	9	S313GF02V2AC9
	1/8	3/32	.27	.20	40	40	40	40	40	40	230	Viton	8	9	S313GF02V2AV3
	5/32	3/32	.41	.20	25	25	25	25	25	25	230	Viton	8	9	S313GF02V2AV7
	3/64	1/16	.05	.10	170	170	170	170	170	170	366*	Teflon	8	9	S313GF02T2AV1
	1/16	1/16	.08	.10	120	120	120	120	120	120	366*	Teflon	8	9	S313GF02T2AC5
1/8	3/32	3/32	.20	.20	65	65	65	65	65	65	366*	Teflon	8	9	S313GF02T2AC9
	1/8	3/32	.27	.20	40	40	40	40	40	40	366*	Teflon	8	9	S313GF02T2AV3
	5/32	3/32	.41	.20	25	25	25	25	25	25	366*	Teflon	8	9	S313GF02T2AV7

S313 –	- 1/8" NPT, Stainless Steel Body, Normally Closed													
Part Nu	Part Numbering													
1 2 3 S 3 1	4 3 Operating	5 G	6 F	7 0	8 2	9 C Seal	10 2 Body	11 A Pipe	12 V Orifice	13 1 e Size				
Saries S31	Mode 3: Normally Closed	Housing* G: Conduit e the "Engine		02: 1	age* 20/60 10/50 ditional v	Material C: EPR N: Nitrile V: Viton T: Teflon	Material 2: Stainless Steel	Connection A: 1/8" NPT	(Main V1: 3/64' C5: 1/16 C9: 3/32' V3: 1/8"; V7: 5/32'	" x 1/16" " x 1/16" " x 3/32" x 3/32"				

Coil Data

	Coil F	amily	Frequency (Hz)	Frequency (Hz)						
_	Type All	Size S3	Nominal Power (VA)	Inrush	36	36				
				Holding	16	17				



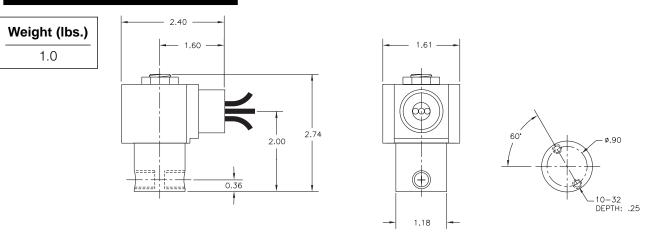
- 1/8" NPT
- Stainless Steel Body
- 3-Way Direct Acting
- Normally Closed
- Free Exhaust



Materials	Seals:		Nitrile, Viton [®] , Ethylene Propylene or Teflon [®]
	Orifices:	Pilot Main	Stainless Steel Stainless Steel
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		Any
Approvals	Agency		UL Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions/Weight

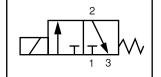




S317 – 1/8" NPT, Stainless Steel Body, Normally Closed, Free Exhaust

Valve Selection List

Normally Closed



Energized

De-Energized	

ze	Si		С	, v	Ор	erating	Pressui Maxi		ential (psi)	mp.	al	Pov		Model Code		
Pipe Size		N			Air/0	Gas	Wa	iter	Ligh	t Oil	Max Fluid Temp.	Material	Consu (Wa	· ·	(120V/60HZ — 110V/50HZ) Shown		
∩ NPT	Main	Тор	Main	Тор	AC	DC	AC	DC	AC	DC	°F	Seal N	AC	DC	Stainless Steel Body		
	3/64	3/64	.05	.05	170	170	170	170	—	—	295	EPR	8	9	S317GF02C2AC3		
	1/64	1/16	.05	.08	120	120	120	120	_	_	295	EPR	8	9	S317GF02C2AC5		
1/8	3/32	3/32	.08	.08	65	65	65	65	_	_	295	EPR	8	9	S317GF02C2AC9		
	1/8	3/32	.30	.05	40	40	40	40	_		295	EPR	8	9	S317GF02C2AV3		
	5/32	3/32	.36	.30	25	25	25	25	_		295	EPR	8	9	S317GF02C2AV7		
	3/64	3/64	.05	.10	170	170	170	170	170	170	180	Nitrile	8	9	S317GF02N2AC3		
	1/16	1/16	.08	.10	120	120	120	120	120	120	180	Nitrile	8	9	S317GF02N2AC5		
1/8	3/32	3/32	.20	.20	65	65	65	65	65	65	180	Nitrile	8	9	S317GF02N2AC9		
	1/8	3/32	.27	.20	40	40	40	40	40	40	180	Nitrile	8	9	S317GF02N2AV3		
	5/32	3/32	.41	.23	25	25	25	25	25	25	180	Nitrile	8	9	S317GF02N2AV7		
	3/64	3/64	.05	.05	170	170	170	170	170	170	230	Viton	8	9	S317GF02V2AC3		
	1/16	3/32	.05	.08	120	120	120	120	120	120	230	Viton	8	9	S317GF02V2AC5		
1/8	3/32	3/32	.08	.08	65	65	65	65	65	65	230	Viton	8	9	S317GF02V2AC9		
	1/8	3/32	.30	.05	40	40	40	40	40	40	230	Viton	8	9	S317GF02V2AV3		
	5/32	3/32	.36	.30	25	25	25	25	25	25	230	Viton	8	9	S317GF02V2AV7		
	3/64	3/64	.05	.05	170	170	170	170	170	170	366*	Teflon	8	9	S317GF02T2AC3		
	1/16	1/16	.05	.08	120	120	120	120	120	120	366*	Teflon	8	9	S317GF02T2AC5		
1/8	3/32	3/32	.08	.08	65	65	65	65	65	65	366*	Teflon	8	9	S317GF02T2AC9		
	1/8	3/32	.30	.05	40	40	40	40	40	40	366*	Teflon	8	9	S317GF02T2AV3		
	5/32	3/32	.36	.30	25	25	25	25	25	25	366*	Teflon	8	9	S317GF02T2AV7		

S317 – 1/8" NPT, Stainless Steel Body, Normally Closed, Free Exhaust



Part Nu	mberi	ng							
1 2 3 S 3 1 Series	4 7 Operating Mode	5 G Housing*	6 F Coil Class*	7 O Volta	8 2 age*	9 C Seal Material	10 2 Body Material	11 A Pipe Connection	12 13 C 3 Orifice Size (Main x Top)
S31	7: Normally Closed (Free Exhaust)	G: Conduit			10/50	C: EPR N: Nitrile V: Viton T: Teflon	2: Stainless Steel ations and op	A: 1/8" NPT	C3: 3/64" x 3/64" C5: 1/16" x 1/16" C9: 3/32" x 3/32" V3: 1/8" x 3/32" V7: 5/32" x 3/32"

Coil	Family	Frequency (Hz)	Frequency (Hz)					
Туре	Size							
All	S3	Nominal Power (VA)	Inrush	36	36			
			Holding	16	17			





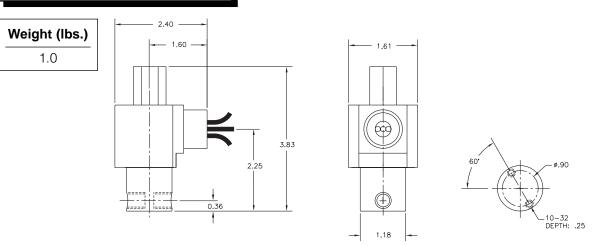
- 1/8" NPT
- Stainless Steel Body
- 3-Way Direct Acting
- Normally Closed



Materials	Seals:		Nitrile, Viton [®] , Ethylene Propylene or Teflon [®]
	Orifices: To Ma	op ain	Stainless Steel Stainless Steel
Electrical	Standard Housing	ig:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housing	gs:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltage	es:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolerance	e:	±10% of applicable voltage
	Coil Classes:		F, H, N
	Standard Lead Le	ength:	24 inch
Operating Temperature	Ambient (Nomina	al):	32° to 125°F
Mounting	Position		Any
Approvals*	Agency		UL Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions/Weight





S303 – 1/8" NPT, Stainless Steel Body, **Normally Closed**

Valve Selection List Energized **De-Energized** Normally Closed 2 Π3 Operating Pressure Differential (psi) Orifice Model Code Cv Power Max Fluid Temp. Size Size Maximum Consumption Material 120V/60HZ - 110V/50HZ IN (Watts) Pipe (Air/Gas Water Light Oil Shown Seal Main Main Гор Top AC DC AC DC AC DC AC DC Stainless Steel Body NPT °F 3/64 1/16 .05 220 220 295 EPR S303GF02C2AV1 .10 220 220 10 10 ____ _ 1/16 1/16 .08 .10 150 150 150 150 295 EPR 10 S303GF02C2AC5 ___ 10 ____ 295 3/32 3/32 .18 .23 100 100 100 100 EPR 10 10 S303GF02C2AC9 ____ ____ 1/8 1/8 3/32 .30 .23 75 75 75 295 EPR 10 S303GF02C2AV3 75 10 _ ____ .23 5/32 3/32 .41 50 EPR 10 S303GF02C2AV7 50 50 50 295 10 3/16 3/32 .53 .23 30 30 EPR 10 10 30 30 295 S303GF02C2AV9 ____ ____ 1/4 3/32 .83 .23 EPR S303GF02C2AW1 15 15 15 15 _ ____ 295 10 10 3/64 1/16 .05 .10 220 220 10 220 220 220 220 180 Nitrile 10 S303GF02N2AV1 1/16 1/16 .08 150 150 .10 150 150 150 150 180 Nitrile 10 10 S303GF02N2AC5 3/32 3/32 .18 .23 100 100 100 100 100 100 180 Nitrile 10 10 S303GF02N2AC9 3/32 .23 75 1/8 1/8 .30 75 75 75 75 75 180 Nitrile 10 10 S303GF02N2AV3 5/32 3/32 .41 .23 50 50 Nitrile 10 10 S303GF02N2AV7 50 50 50 50 180 3/16 3/32 .53 .23 30 30 30 30 30 30 180 Nitrile 10 10 S303GF02N2AV9 1/4 3/32 .83 .23 15 15 15 15 15 15 180 Nitrile 10 10 S303GF02N2AW1 3/64 1/16 .10 220 220 220 220 S303GF02V2AV1 .05 220 220 230 Viton 10 10 1/16 1/16 .08 .10 150 150 150 150 150 150 230 Viton 10 10 S303GF02V2AC5 3/32 3/32 .18 .23 100 100 100 100 100 100 230 Viton 10 10 S303GF02V2AC9 3/32 .30 .23 75 75 1/8 1/8 75 75 75 75 230 Viton 10 10 S303GF02V2AV3 Viton 5/32 3/32 .41 .23 50 50 50 230 10 10 S303GF02V2AV7 50 50 50 3/16 3/32 .53 .23 30 30 30 30 30 30 230 Viton 10 10 S303GF02V2AV9 .23 1/4 3/32 .83 15 15 15 15 230 10 10 S303GF02V2AW1 15 15 Viton 3/64 1/16 .05 .10 220 220 220 220 220 220 366* Teflon 10 10 S303GF02T2AV1 1/16 1/16 .08 .10 150 150 150 150 150 150 366* Teflon 10 10 S303GF02T2AC5 3/32 3/32 .18 .23 100 100 100 100 100 100 10 366* Teflon 10 S303GF02T2AC9 1/8 1/8 3/32 .30 .23 75 75 75 75 75 75 366* Teflon 10 10 S303GF02T2AV3 5/32 3/32 .41 .23 50 10 S303GF02T2AV7 50 50 50 50 50 366* Teflon 10 .23 3/16 3/32 .53 30 30 10 30 30 30 30 366* Teflon 10 S303GF02T2AV9 1/4 3/32 .83 .23 15 366* Teflon 10 S303GF02T2AW1 15 15 15 15 15 10

* Class H Coil Recommended for High Temperature Applications

S303 –		IPT, Stally Clo		Stee	el Bo	ody,			VAL	VES	
Part Numbering											
1 2 3 S 3 0	4 3 Operating	5 G Housing*	6 F Coil Class*	7 0	8 2 age*	9 C Seal	10 2 Body	11 A Pipe	12 V Orifice		
S30	Mode 3: Normally Closed * Se	G: Conduit	F: Class F	02: 1: 1 [:]	20/60 10/50	Material C: EPR N: Nitrile V: Viton T: Teflon /oltages, vari	Material 2: Stainless Steel ations and op	Connection A: 1/8" NPT	(Main : V1: 3/64' C5: 1/16' C9: 3/32' V3: 1/8' : V7: 5/32' V9: 3/16' W1: 1/4''	" x 1/16" " x 1/16" " x 3/32" x 3/32" " x 3/32" " x 3/32" " x 3/32"	

Coil Data

Coil	Family	Frequency (Hz)	Frequency (Hz)						
Туре Аll	Size S4	Nominal Power (VA)	Inrush	46	46				
			Holding	20	23				



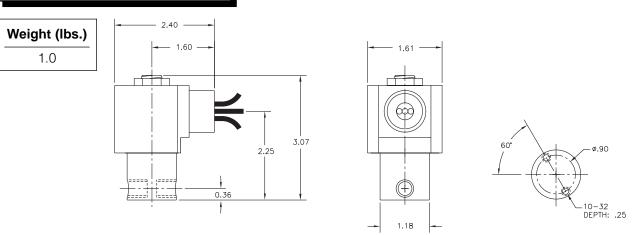
- 1/8" NPT
- Stainless Steel Body
- 3-Way Direct Acting
- Normally Closed
- Free Exhaust



Materials	Seals:		Nitrile, Viton [®] , Ethylene Propylene or Teflon [®]
	Orifices:	Top Main	Stainless Steel Stainless Steel
Electrical	Standard Hous	sing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hous	ings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Volta	ages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolera	ince:	±10% of applicable voltage
	Coil Classes:		F, H, N
	Standard Lead	d Length:	24 inch
Operating Temperature	Ambient (Nom	iinal):	32° to 125°F
Mounting	Position		Any
Approvals*	Agency		UL Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions/Weight





S307 – 1/8" NPT, Stainless Steel Body, Normally Closed, Free Exhaust

Val	ve	Sel	lec	etic	on I	List	,								
ormal	lly Cl	osec			- 1 -			,			Ene		} }►		De-Energized
Pipe Size	Orif Siz	ze	C	>`v	Ope Air/0			re Differ mum ater	ential (Ligh		Max Fluid Temp.	Material	Consu	wer Imption atts)	Model Code (120V/60HZ — 110V/50HZ Shown
а NPT	Main	Top	Main	Тор	AC	DC	AC	DC	AC	DC	⊢ Œ °F	Seal N	AC	DC	Stainless Steel Body
	3/64	1/16	.05	.10	220	220	220	220	_	_	295	EPR	10	10	S307GF02C2AV1
	1/16	1/16	.08	.10	150	150	150	150	_	_	295	EPR	10	10	S307GF02C2AC5
	3/32	3/32	.18	.23	100	100	100	100	_	_	295	EPR	10	10	S307GF02C2AC9
1/8	1/8	3/32	.30	.23	75	75	75	75	_	_	295	EPR	10	10	S307GF02C2AV3
	5/32	3/32	.41	.23	50	50	50	50	_		295	EPR	10	10	S307GF02C2AV7
	3/16	3/32	.53	.23	30	30	30	30	_	_	295	EPR	10	10	S307GF02C2AV9
	1/4	3/32	.83	.23	15	15	15	15	_	_	295	EPR	10	10	S307GF02C2AW1
	3/64	1/16	.05	.10	220	220	220	220	220	220	180	Nitrile	10	10	S307GF02N2AV1
	1/16	1/16	.08	.10	150	150	150	150	150	150	180	Nitrile	10	10	S307GF02N2AC5
	3/32	3/32	.18	.23	100	100	100	100	100	100	180	Nitrile	10	10	S307GF02N2AC9
1/8	1/8	3/32	.30	.23	75	75	75	75	75	75	180	Nitrile	10	10	S307GF02N2AV3
	5/32	3/32	.41	.23	50	50	50	50	50	50	180	Nitrile	10	10	S307GF02N2AV7
	3/16	3/32	.53	.23	30	30	30	30	30	30	180	Nitrile	10	10	S307GF02N2AV9
	1/4	3/32	.83	.23	15	15	15	15	15	15	180	Nitrile	10	10	S307GF02N2AW1
	3/64	1/16	.05	.10	220	220	220	220	220	220	230	Viton	10	10	S307GF02V2AV1
	1/16	1/16	.08	.10	150	150	150	150	150	150	230	Viton	10	10	S307GF02V2AC5
	3/32	3/32	.18	.23	100	100	100	100	100	100	230	Viton	10	10	S307GF02V2AC9
1/8	1/8	3/32	.30	.23	75	75	75	75	75	75	230	Viton	10	10	S307GF02V2AV3
	5/32	3/32	.41	.23	50	50	50	50	50	50	230	Viton	10	10	S307GF02V2AV7
	3/16	3/32	.53	.23	30	30	30	30	30	30	230	Viton	10	10	S307GF02V2AV9
	1/4	3/32	.83	.23	15	15	15	15	15	15	230	Viton	10	10	S307GF02V2AW1
	3/64	1/16	.05	.10	220	220	220	220	220	220	366*	Teflon	10	10	S307GF02T2AV1
	1/16	1/16	.08	.10	150	150	150	150	150	150	366*	Teflon	10	10	S307GF02T2AC5
	3/32	3/32	.18	.23	100	100	100	100	100	100	366*	Teflon	10	10	S307GF02T2AC9
1/8	1/8	3/32	.30	.23	75	75	75	75	75	75	366*	Teflon	10	10	S307GF02T2AV3
	5/32	3/32	.41	.23	50	50	50	50	50	50	366*	Teflon	10	10	S307GF02T2AV7
	3/16	3/32	.53	.23	30	30	30	30	30	30	366*	Teflon	10	10	S307GF02T2AV9
	1/4	3/32	.83	.23	15	15	15	15	15	15	366*	Teflon	10	10	S307GF02T2AW1

* Class H Coil Recommended for High Temperature Applications

					103	eu, ri	ee Exh	ausi	VALV	ES
Part Nu	mberi	ng								
1 2 3	4	5	6	7	8	9	10	11	12	13
S 3 0	7	G	F	0	2	С	2	A	V	1
Series	Operating Mode	Housing*	Coil Class*	Voltage	*	Seal Material	Body Material	Pipe Connection	Orifice (Main x	
\$30	7: Normally Closed (Free Exhaust) * Se	G: Conduit		02: 120/6 110/5 " for additio	50	C: EPR N: Nitrile V: Viton T: Teflon oltages, varia	2: Stainless Steel ations and op	A: 1/8" NPT	V1: 3/64" C5: 1/16" C9: 3/32" V3: 1/8" x V7: 5/32" V9: 3/16" W1: 1/4"	x 1/16" x 3/32" 3/32" x 3/32" x 3/32"

S307 – 1/8" NPT, Stainless Steel Body,

Coil	Family	Frequency (Hz)	Frequency (Hz)						
Туре Аll	Size S4	Nominal Power (VA)	Inrush	46	50 46				
7			Holding	20	23				



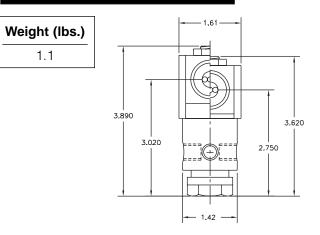
- 1/8" NPT
- Stainless Steel Body
- 3-Way Direct Acting
- Normally Closed



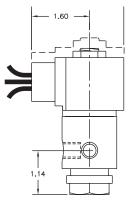
Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifices:	Stainless Steel
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves 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 Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions/Weight



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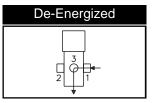


Valve Selection List

Normally Closed

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T	1h	$^{\wedge}$
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Energized	



Size	Orifice Size			Operating Pressure Differential (psi)					emp.	ial	Power Consumption		Model Code (120V/60HZ — 110V/50HZ)		
Pipe S				Air/Gas		Water		Light Oil		Max Fluid Temp.	Seat Material	(Watts)		(1207/0012 - 1107/3012) Shown	
NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	°F	Seat	AC	DC	Stainless Steel Body	
1/8	1/16	.09	0	160	100	160	100	_		295	EPR	8	9	S333GF02C7AC5	
Reduced	3/32	.15	0	100	50	100	50	_		295	EPR	8	9	S333GF02C7AC9	
Power	1/8	.26	0	50	30	50	30	_	_	295	EPR	8	9	S333GF02C7AD5	
1/8	1/16	.09	0	200	160	200	160	_	_	295	EPR	10	10	S333GF02C8AC5	
	3/32	.15	0	150	114	150	114	_	_	295	EPR	10	10	S333GF02C8AC9	
	1/8	.31	0	84	60	84	60	_	_	295	EPR	10	10	S333GF02C8AD5	
	11/64	.38	0	45	24	45	24	_		295	EPR	10	10	S333GF02C8AD8	
1/8	1/16	.09	0	160	100	160	100	160	100	180	Nitrile	8	9	S333GF02N7AC5	
Reduced	3/32	.15	0	100	50	100	50	100	50	180	Nitrile	8	9	S333GF02N7AC9	
Power	1/8	.26	0	50	30	50	30	50	30	180	Nitrile	8	9	S333GF02N7AD5	
	1/16	.09	0	200	160	200	160	200	160	180	Nitrile	10	10	S333GF02N8AC5	
1/8	3/32	.15	0	150	114	150	114	150	114	180	Nitrile	10	10	S333GF02N8AC9	
	1/8	.31	0	84	60	84	60	84	60	180	Nitrile	10	10	S333GF02N8AD5	
	11/64	.38	0	45	24	45	24	45	24	180	Nitrile	10	10	S333GF02N8AD8	
1/8	1/16	.09	0	160	100	160	100	160	100	230	Viton	8	9	S333GF02V7AC5	
Reduced	3/32	.15	0	100	50	100	50	100	50	230	Viton	8	9	S333GF02V7AC9	
Power	1/8	.26	0	50	30	50	30	50	30	230	Viton	8	9	S333GF02V7AD5	
1/8 -	1/16	.09	0	200	160	200	160	200	160	230	Viton	10	10	S333GF02V8AC5	
	3/32	.15	0	150	114	150	114	150	114	230	Viton	10	10	S333GF02V8AC9	
	1/8	.31	0	84	60	84	60	84	60	230	Viton	10	10	S333GF02V8AD5	
	11/64	.38	0	45	24	45	24	45	24	230	Viton	10	10	S333GF02V8AD8	



Pa	rt Nu	mberi	ng									
1	23	4	5	6	7	8 9	10	11	12 13			
S	33	3	G	F	0	2 C	; 7	Α	C 5			
Se	Series		Housing*	Coil Class*	Voltage'	Sea Mate		Pipe Connection	Orifice Size			
S33		3: Normally Closed	, , , , , , , , , , , , , , , , , , , ,		02: 120/6 110/5		le Steel		C5: 1/16" C9: 3/32" D5: 1/8" D8: 11/64"			
		* Se	* See the "Engineering Guide" for additional voltages, variations and options.									

Coil Family		Frequency (Hz)		60		50	
Туре	Size	-	Body	7	8	7	8
(Body Code)		- Nominal Power (VA)	Inrush	36	46	36	46
7 8	S3 S4		Holding	13	18	14	19
		Holding	13	18	1	4	



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