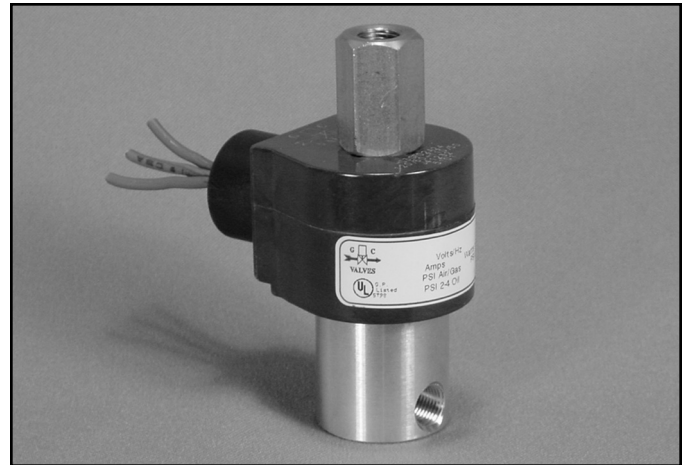


S31 Series



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



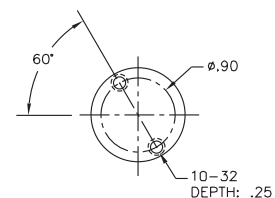
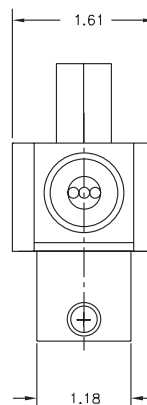
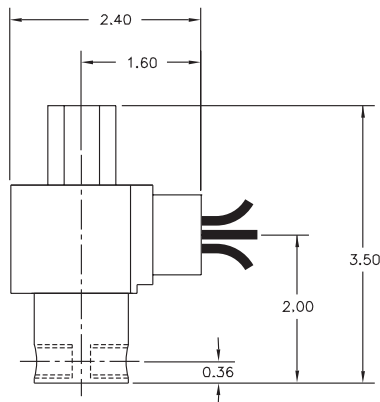
Materials	Seals:	Nitrile, Viton®, Ethylene Propylene or Teflon®
	Orifices: Top Main	Stainless Steel Stainless Steel
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual 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

® Registered Trademark of DuPont Co.

Dimensions/Weight

Weight (lbs.)
1.0



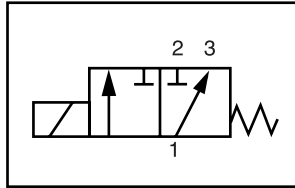
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)



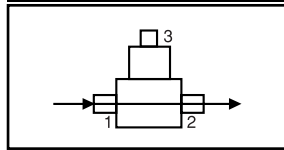
S315 – 1/8" NPT, Brass Body, Diverting

Valve Selection List

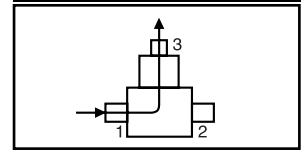
Diverting



Energized



De-Energized



Pipe Size NPT	Orifice Size IN		C _v		Operating Pressure Differential (psi)						Max Fluid Temp. °F	Seal Material	Power Consumption (Watts)		Model Code (120V/60HZ — 110V/50HZ Shown)
	Main	Top	Main	Top	Maximum								AC	DC	
					Air/Gas		Water		Light Oil						
	AC	DC	AC	DC	AC	DC	AC	DC							
1/8	3/64	3/64	.05	.05	200	200	200	200	—	—	295	EPR	8	9	S315GF02C8AC3
	3/64	1/16	.05	.10	175	175	175	175	—	—	295	EPR	8	9	S315GF02C8AV1
	1/16	1/16	.10	.10	150	150	150	150	—	—	295	EPR	8	9	S315GF02C8AC5
	3/32	3/64	.20	.05	140	140	140	140	—	—	295	EPR	8	9	S315GF02C8AW3
	3/32	3/32	.20	.20	130	130	130	130	—	—	295	EPR	8	9	S315GF02C8AC9
	7/64	3/32	.23	.20	100	100	100	100	—	—	295	EPR	8	9	S315GF02C8AV5
	1/8	3/32	.27	.20	90	90	90	90	—	—	295	EPR	8	9	S315GF02C8AV3
	5/64	3/32	.41	.20	70	70	70	70	—	—	295	EPR	8	9	S315GF02C8AV7
1/8	3/64	3/64	.05	.05	200	200	200	200	200	200	180	Nitrile	8	9	S315GF02N8AC3
	3/64	1/16	.05	.10	175	175	175	175	175	175	180	Nitrile	8	9	S315GF02N8AV1
	1/16	1/16	.10	.10	150	150	150	150	150	150	180	Nitrile	8	9	S315GF02N8AC5
	3/32	3/64	.20	.05	140	140	140	140	140	140	180	Nitrile	8	9	S315GF02N8AW3
	3/32	3/32	.20	.20	130	130	130	130	130	130	180	Nitrile	8	9	S315GF02N8AC9
	7/64	3/32	.23	.20	100	100	100	100	100	100	180	Nitrile	8	9	S315GF02N8AV5
	1/8	3/32	.27	.20	90	90	90	90	90	90	180	Nitrile	8	9	S315GF02N8AV3
	5/64	3/32	.41	.20	70	70	70	70	70	70	180	Nitrile	8	9	S315GF02N8AV7
1/8	3/64	3/64	.05	.05	200	200	200	200	200	200	230	Viton	8	9	S315GF02V8AC3
	3/64	1/16	.05	.10	175	175	175	175	175	175	230	Viton	8	9	S315GF02V8AV1
	1/16	1/16	.10	.10	150	150	150	150	150	150	230	Viton	8	9	S315GF02V8AC5
	3/32	3/64	.20	.05	140	140	140	140	140	140	230	Viton	8	9	S315GF02V8AW3
	3/32	3/32	.20	.20	130	130	130	130	130	130	230	Viton	8	9	S315GF02V8AC9
	7/64	3/32	.23	.20	100	100	100	100	100	100	230	Viton	8	9	S315GF02V8AV5
	1/8	3/32	.27	.20	90	90	90	90	90	90	230	Viton	8	9	S315GF02V8AV3
	5/64	3/32	.41	.20	70	70	70	70	70	70	230	Viton	8	9	S315GF02V8AV7

* Class H Coil Recommended for High Temperature Applications

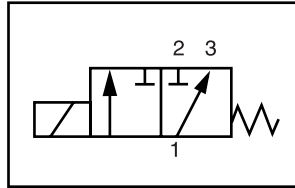
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

S315 – 1/8" NPT, Brass Body, Diverting

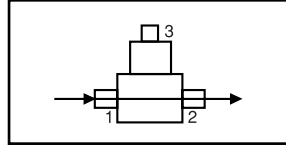


Valve Selection List

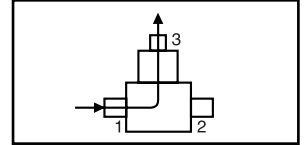
Diverting



Energized



De-Energized



Pipe Size NPT	Orifice Size IN		C _v		Operating Pressure Differential (psi)						Max Fluid Temp. °F	Seal Material	Power Consumption (Watts)		Model Code (120V/60HZ — 110V/50HZ Shown)
					Maximum										
	Main	Top	Main	Top	Air/Gas		Water		Light Oil						
					AC	DC	AC	DC	AC	DC					
1/8	3/64	3/64	.05	.05	200	200	200	200	200	200	366*	Teflon	8	9	S315GF02T8AC3
	3/64	1/16	.05	.10	175	175	175	175	175	175	366*	Teflon	8	9	S315GF02T8AV1
	1/16	1/16	.10	.10	150	150	150	150	150	150	366*	Teflon	8	9	S315GF02T8AC5
	3/32	3/64	.20	.05	140	140	140	140	140	140	366*	Teflon	8	9	S315GF02T8AW3
	3/32	3/32	.20	.20	130	130	130	130	130	130	366*	Teflon	8	9	S315GF02T8AC9
	7/64	3/32	.23	.20	100	100	100	100	100	100	366*	Teflon	8	9	S315GF02T8AV5
	1/8	3/32	.27	.20	90	90	90	90	90	90	366*	Teflon	8	9	S315GF02T8AV3
	5/64	3/32	.41	.20	70	70	70	70	70	70	366*	Teflon	8	9	S315GF02T8AV7

* Class H Coil Recommended for High Temperature Applications



S315 – 1/8" NPT, Brass Body, Diverting

Part Numbering

1	2	3	4	5	6	7	8	9	10	11	12	13
S	3	1	5	G	F	0	2	C	8	A	C	3
Series			Operating Mode	Housing*	Coil Class*	Voltage*		Seal Material	Body Material	Pipe Connection	Orifice Size (Main x Top)	
S31			5: Diverting	G: Conduit	F: Class F	02: 120/60 110/50		C: EPR N: Nitrile V: Viton T: Teflon	8: Brass	A: 1/8" NPT	C3: 3/64" x 3/64" V1: 3/64" x 1/16" C5: 1/16" x 1/16" W3: 3/32" x 3/64" C9: 3/32" x 3/32" V5: 7/64" x 3/32" V3: 1/8" x 3/32" V7: 5/64" x 3/32"	
* 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
	Holding	16

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