S33 Series

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

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

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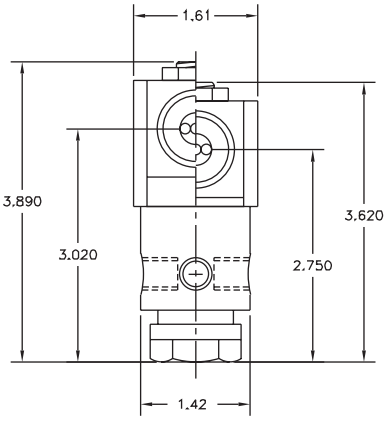
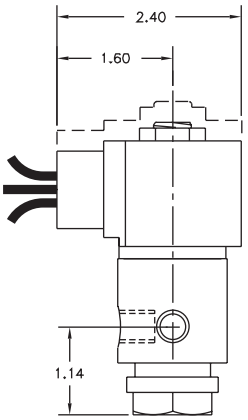
Dimensions/Weight

Weight (lbs.)
1.1





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

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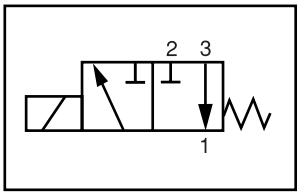
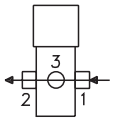
Valve Selection List

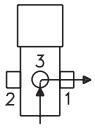
Normally Open



Energized



De-Energized



Pipe Size	Orifice Size	C_v	Operating Pressure Differential (psi)							Max Fluid Temp.	Seal Material	Power Consumption (Watts)		Model Code (120V/60HZ — 110V/50HZ Shown)
			Minimum	Maximum										
				Air/Gas		Water		Light Oil						
NPT	IN			AC	DC	AC	DC	AC	DC	°F		AC	DC	Stainless Steel Body
1/8	1/16	.09	0	160	100	160	100	–	–	295	EPR	8	9	S334GF02C7AC5
Reduced	3/32	.15	0	100	50	100	50	–	–	295	EPR	8	9	S334GF02C7AC9
Power	1/8	.26	0	50	30	50	30	–	–	295	EPR	8	9	S334GF02C7AD5
1/8	1/16	.09	0	200	160	200	160	–	–	295	EPR	10	10	S334GF02C8AC5
	3/32	.15	0	150	114	150	114	–	–	295	EPR	10	10	S334GF02C8AC9
	1/8	.31	0	84	60	84	60	–	–	295	EPR	10	10	S334GF02C8AD5
	11/64	.38	0	45	24	45	24	–	–	295	EPR	10	10	S334GF02C8AD8
1/8	1/16	.09	0	160	100	160	100	160	100	180	Nitrile	8	9	S334GF02N7AC5
Reduced	3/32	.15	0	100	50	100	50	100	50	180	Nitrile	8	9	S334GF02N7AC9
Power	1/8	.26	0	50	30	50	30	50	30	180	Nitrile	8	9	S334GF02N7AD5
1/8	1/16	.09	0	200	160	200	160	200	160	180	Nitrile	10	10	S334GF02N8AC5
	3/32	.15	0	150	114	150	114	150	114	180	Nitrile	10	10	S334GF02N8AC9
	1/8	.31	0	84	60	84	60	84	60	180	Nitrile	10	10	S334GF02N8AD5
	11/64	.38	0	45	24	45	24	45	24	180	Nitrile	10	10	S334GF02N8AD8
1/8	1/16	.09	0	160	100	160	100	160	100	230	Viton	8	9	S334GF02V7AC5
Reduced	3/32	.15	0	100	50	100	50	100	50	230	Viton	8	9	S334GF02V7AC9
Power	1/8	.26	0	50	30	50	30	50	30	230	Viton	8	9	S334GF02V7AD5
1/8	1/16	.09	0	200	160	200	160	200	160	230	Viton	10	10	S334GF02V8AC5
	3/32	.15	0	150	114	150	114	150	114	230	Viton	10	10	S334GF02V8AC9
	1/8	.31	0	84	60	84	60	84	60	230	Viton	10	10	S334GF02V8AD5
	11/64	.38	0	45	24	45	24	45	24	230	Viton	10	10	S334GF02V8AD8

*** Class H Coil Recommended for High Temperature Applications**

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Part Numbering

1	2	3	4	5	6	7	8	9	10	11	12	13
S	3	3	4	G	F	0	2	C	7	A	C	5
Series			Operating Mode	Housing*	Coil Class*	Voltage*		Seal Material	Body Material	Pipe Connection	Orifice Size	
S33			4: Normally Open	G: Conduit	F: Class F	02: 120/60 110/50		C: EPR N: Nitrile V: Viton	7: Stainless Steel 8: Stainless Steel	A: 1/8" NPT	C5: 1/16" C9: 3/32" D5: 1/8" D8: 11/64"	

* See the “Engineering Guide” for additional voltages, variations and options.

Coil Data

Coil Family

Type	Size
(Body Code)	
7	S3
8	S4

Frequency (Hz)		60		50	
	Body	7	8	7	8
Nominal Power (VA)	Inrush	36	46	36	46
	Holding	13	18	14	19

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