



S30 Series

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

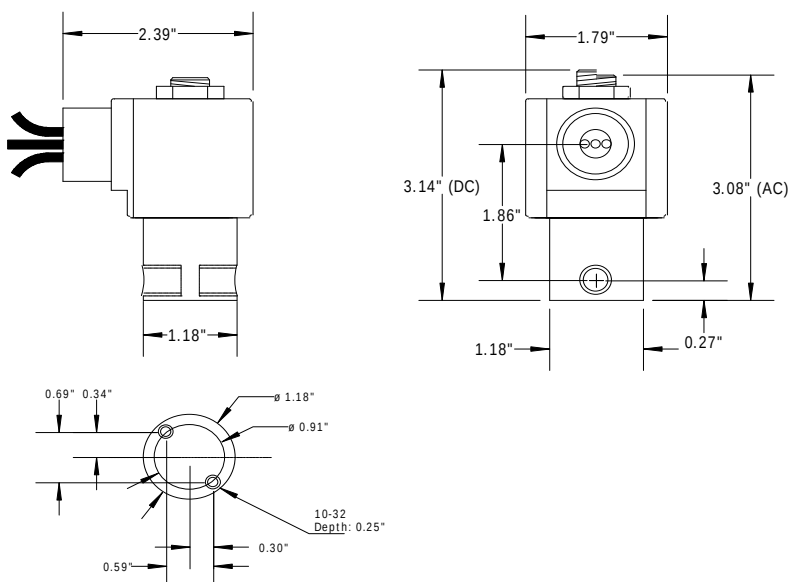


Materials	Seals:	Nitrile, FKM, Ethylene Propylene, PTFE, Rulon
	Orifice:	Brass (Stainless orifice is available)
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4X)
	Optional Housings:	Metal Conduit, Explosion-Proof (NEMA 7), Grommet Open Frame, Junction Box (single or dual knockouts), DIN, Contact GC Valves Customer Svc. For others.
	Standard Voltages:	24, 120, 240, AC, 60 and/or 50 Hz. Available 6, 12, 24 DC
		Contact GC Valves Customer Svc. For Additional Voltages
	Voltage Tolerance:	± 10% of applicable voltage
	Coil Classes:	F, H, N
	Standard Lead Length:	24 inches
Operating Temperature	Ambient (Nominal):	32° F to 125° F
Mounting	Position:	Any
Approvals*	Agency:	UL Safety, UL Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions / Weight

Weight (Lbs.)
1.1



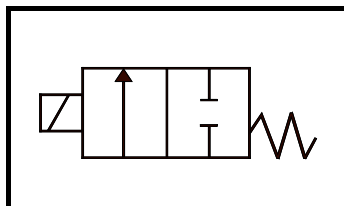
GC Valves Customer Service: 800-828-0484 (7:30 AM to 5:00 PM ET)



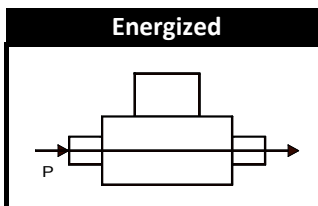
S301 - 1/8" NPT, Brass Body, Normally Closed

Valve Selection List

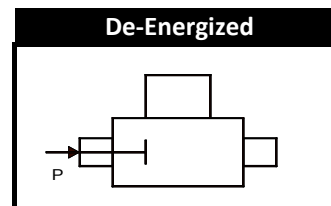
Normally Closed



Energized



De-Energized



Pipe Size NPT	Orifice Size In.	Cv	Operating Pressure Differential (PSI)								Max. Fluid Temp. °F	Seal Material	Power Consumption (Watts)		Model Code (120V/60HZ-110V/50HZ) Shown	
			Minimum	Maximum									AC	DC	Brass Body	
				Air/Gas		Water		Light Oil		Steam*						
				AC	DC	AC	DC	AC	DC	AC						DC
1/8	1/32	.03	0	2400	2400	2400	2400	---	---	150	150	295	EPR	10	10	S301GF02C8AC1
	3/64	.05	0	1050	1000	1050	1000	---	---	150	150	295	EPR	10	10	S301GF02C8AC3
	1/16	.10	0	700	300	700	300	---	---	150	150	295	EPR	10	10	S301GF02C8AC5
	5/64	.15	0	500	240	500	240	---	---	150	150	295	EPR	10	10	S301GF02C8AC7
	3/32	.21	0	400	200	400	200	---	---	150	150	295	EPR	10	10	S301GF02C8AC9
	7/64	.29	0	350	170	350	170	---	---	150	150	295	EPR	10	10	S301GF02C8AD3
	1/8	.36	0	200	140	200	140	---	---	150	140	295	EPR	10	10	S301GF02C8AD5
	5/32	.44	0	150	100	150	100	---	---	150	100	295	EPR	10	10	S301GF02C8AD7
	3/16	.65	0	100	70	100	70	---	---	100	70	295	EPR	10	10	S301GF02C8AE1
	1/4	.85	0	50	20	50	20	---	---	50	20	295	EPR	10	10	S301GF02C8AE7
9/32	1.0	0	35	15	35	15	---	---	35	15	295	EPR	10	10	S301GF02C8AF1	
1/8	1/32	.03	0	2400	2400	2400	2400	2400	2400	---	---	180	Nitrile	10	10	S301GF02N8AC1
	3/64	.05	0	1050	1000	1050	1000	1050	1000	---	---	180	Nitrile	10	10	S301GF02N8AC3
	1/16	.10	0	700	300	700	300	700	300	---	---	180	Nitrile	10	10	S301GF02N8AC5
	5/64	.15	0	500	240	500	240	500	240	---	---	180	Nitrile	10	10	S301GF02N8AC7
	3/32	.21	0	400	200	400	200	400	200	---	---	180	Nitrile	10	10	S301GF02N8AC9
	7/64	.29	0	350	170	350	170	350	170	---	---	180	Nitrile	10	10	S301GF02N8AD3
	1/8	.36	0	200	140	200	140	200	140	---	---	180	Nitrile	10	10	S301GF02N8AD5
	5/32	.44	0	150	100	150	100	150	100	---	---	180	Nitrile	10	10	S301GF02N8AD7
	3/16	.65	0	100	70	100	70	100	70	---	---	180	Nitrile	10	10	S301GF02N8AE1
	1/4	.85	0	50	20	50	20	50	20	---	---	180	Nitrile	10	10	S301GF02N8AE7
9/32	1.0	0	35	15	35	15	35	15	---	---	180	Nitrile	10	10	S301GF02N8AF1	
1/8	1/32	.03	0	2400	2400	2400	2400	2400	2400	---	---	230	FKM	10	10	S301GF02V8AC1
	3/64	.05	0	1050	1000	1050	1000	1050	1000	---	---	230	FKM	10	10	S301GF02V8AC3
	1/16	.10	0	700	300	700	300	700	300	---	---	230	FKM	10	10	S301GF02V8AC5
	5/64	.15	0	500	240	500	240	500	240	---	---	230	FKM	10	10	S301GF02V8AC7
	3/32	.21	0	400	200	400	200	400	200	---	---	230	FKM	10	10	S301GF02V8AC9
	7/64	.29	0	350	170	350	170	350	170	---	---	230	FKM	10	10	S301GF02V8AD3
	1/8	.36	0	200	140	200	140	200	140	---	---	230	FKM	10	10	S301GF02V8AD5
	5/32	.44	0	150	100	150	100	150	100	---	---	230	FKM	10	10	S301GF02V8AD7
	3/16	.65	0	100	70	100	70	100	70	---	---	230	FKM	10	10	S301GF02V8AE1
	1/4	.85	0	50	20	50	20	50	20	---	---	230	FKM	10	10	S301GF02V8AE7
9/32	1.0	0	35	15	35	15	35	15	---	---	230	FKM	10	10	S301GF02V8AF1	

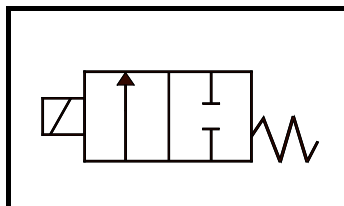
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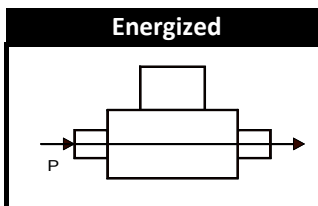
S301 - 1/8" NPT, Brass Body, Normally Closed

Valve Selection List

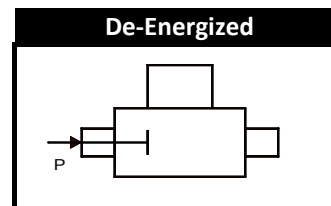
Normally Closed



Energized



De-Energized



Pipe Size NPT	Orifice Size In.	Cv	Operating Pressure Differential (PSI)									Max. Fluid Temp. °F	Seal Material	Power Consumption (Watts)		Model Code (120V/60HZ-110V/50HZ) Shown
			Minimum	Maximum										AC	DC	Brass Body
				Air/Gas		Water		Light Oil		Steam*						
				AC	DC	AC	DC	AC	DC	AC	DC					
1/8	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	500	240	500	240	500	240	150	150	366	Rulon	10	10	S301GF02R8AC7
	3/32	.21	0	400	200	400	200	400	200	150	150	366	Rulon	10	10	S301GF02R8AC9
	7/64	.29	0	350	170	350	170	350	170	150	150	366	Rulon	10	10	S301GF02R8AD3
	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	S301GF02R8AF1	
1/8	1/32	.03	0	2400	2400	2400	2400	2400	2400	150	150	366	PTFE	10	10	S301GF02T8AC1
	3/64	.05	0	1050	1000	1050	1000	1050	1000	150	150	366	PTFE	10	10	S301GF02T8AC3
	1/16	.10	0	700	300	700	300	700	300	150	150	366	PTFE	10	10	S301GF02T8AC5
	5/64	.15	0	500	240	500	240	500	240	150	150	366	PTFE	10	10	S301GF02T8AC7
	3/32	.21	0	400	200	400	200	400	200	150	150	366	PTFE	10	10	S301GF02T8AC9
	7/64	.29	0	350	170	350	170	350	170	150	150	366	PTFE	10	10	S301GF02T8AD3
	1/8	.36	0	200	140	200	140	200	140	150	140	366	PTFE	10	10	S301GF02T8AD5
	5/32	.44	0	150	100	150	100	150	100	150	100	366	PTFE	10	10	S301GF02T8AD7
	3/16	.65	0	100	70	100	70	100	70	100	70	366	PTFE	10	10	S301GF02T8AE1
	1/4	.85	0	50	20	50	20	50	20	50	20	366	PTFE	10	10	S301GF02T8AE7
	9/32	1.0	0	35	15	35	15	35	15	35	15	366	PTFE	10	10	S301GF02T8AF1

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S301 - 1/8" NPT, Brass Body, Normally Closed

Part Numbering

1	2	3	4	5	6	7	8	9	10	11	12	13
S	3	0	1	G	F	0	2	C	8	A	C	1
Series			Operating Mode	Housing*	Coil Class*	Voltage*		Seal Material	Body Material	Pipe Connection	Orifice Size	
S30			1: Normally Closed	G: Conduit	F: Class F H: Class H N: Class N	02: 120/60, 110/50		C: EPR V: FKM R: Rulon T: PTFE	8: Brass	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" E7: 1/4" F1: 9/32"	
				* See the "Engineering Guide" for additional voltages, variations and options.								

Coil Data

Coil Family	
Type	Size
All	S4

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

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