



S301 Series GCV Direct Acting Valves

GC Valves S301 Series valves are an excellent choice for general purpose applications up to 200 psi. These valves work with air, inert gas, water, coolant or light oil and are available in brass bodies with Viton seals.



Features

- 2-ports (2-way), 2-position
- Normally closed (N.C.) configuration
- Direct acting operator
- Zero differential action
- 18mm (DIN 43650A) style wiring plug
- 1/4" NPT ports
- 120 VAC or 24 VDC solenoids
- Viton seals
- Made in USA



**Made
in the
USA**

Also, see our website
www.AutomationDirect.com
for a variety of fitting options

S301 Series GCV Direct Acting Valves						
Model	S301YF02V8BD5	S301YF02V8BD7	S301YF02V8BE1	S301YF16V8BD5	S301YF16V8BD7	S301YF16V8BE1
Price	\$85.00	\$85.00	\$85.00	\$85.00	\$85.00	\$85.00
Drawing Link	PDF	PDF	PDF	PDF	PDF	PDF
Weight (lbs)	1.26					
Valve Type	2-port (2-way), 2-position					
Acting	Direct acting, N.C.					
Inlet Port Size	1/4" FNPT					
Outlet Port Size	1/4" FNPT					
Orifice Size	1/8"	5/32"	3/16"	1/8"	5/32"	3/16"
Cv	0.36	0.44	0.65	0.36	0.44	0.65
Media	Air, Inert Gas, Water, Coolant, Light Oil					
Pressure Range	0-200 psi	0-150 psi	0-100 psi	0-140 psi	0-100 psi	0-70 psi
Voltage (± 10%)	120 VAC			24 VDC		
Inrush AC	54VA			N/A		
Power Consumption	10W					
Max Cycles per Minute**	250-300					
Insulation	Class H: 180°C (356°F)					
Min Response	5-15 ms			8-23 ms		
Temperature	32°F to 125°F (0°C to 51.7°C); Max. Fluid Temp 230°F (110°C)					
Lubrication	Not required					
Protection	NEMA 4/4X Encapsulated					
Connection	18mm DIN style wiring plug					
Construction	Brass body; Viton seals					
Life Cycle	5 Million					
Agency Approvals*	CE, CSA, UL Recognized					

* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page.

** Cannot be used in PWM (pulse width modulation) applications



GCV Valve Rebuild Kits

Part No. **KS201N-G4**Part No. **KS211K-G1**Part No. **KS301V-C3**Part No. **KS201N-G4-DC**Part No. **KS211N-G4-DC**

GCV Valve Rebuild Kits			
Part No.	Description	Price	Weight (lbs)
<u>KS201N-G4</u>	GC Valves rebuild kit, for use with S201 series AC valves ending N5CG4 and N5DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-ring and operator O-ring.	\$66.00	0.33
<u>KS201N-G5</u>	GC Valves rebuild kit, for use with S201 series AC valves ending N5EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-ring and operator O-ring.	\$66.00	0.33
<u>KS201N-G9</u>	GC Valves rebuild kit, for use with S201 series AC valves ending N5FG9, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-rings and operator O-ring.	\$88.00	0.41
<u>KS201V-G4</u>	GC Valves rebuild kit, for use with S201 series AC valves ending V5CG4 and V5DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-ring and operator O-ring.	\$80.00	0.33
<u>KS201V-G5</u>	GC Valves rebuild kit, for use with S201 series AC valves ending V5EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-ring and operator O-ring.	\$80.00	0.33
<u>KS201V-G9</u>	GC Valves rebuild kit, for use with S201 series AC valves ending V5FG9, includes diaphragm assembly, diaphragm spring, plunger assembly, plunger tube, plunger spring, connecting spring, body O-rings and operator O-ring.	\$175.00	0.43
<u>KS211K-G1</u>	GC Valves rebuild kit, for use with S211 series AC valves ending K4DG1, includes diaphragm assembly, diaphragm spring, plunger assembly, plunger tube, plunger spring, body O-rings and operator O-ring.	\$75.00	0.25
<u>KS211K-G5</u>	GC Valves rebuild kit, for use with S211 series AC valves ending K4EG5, includes diaphragm assembly, diaphragm spring, plunger assembly, plunger tube, plunger spring, body O-rings and operator O-ring.	\$78.00	0.28
<u>KS211N-G4</u>	GC Valves rebuild kit, for use with S211 series AC valves ending N5CG4 and N5DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body O-ring and operator O-ring.	\$62.00	0.32
<u>KS211N-G5</u>	GC Valves rebuild kit, for use with S211 series AC valves ending N5EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body O-ring and operator O-ring.	\$62.00	0.32
<u>KS211N-G9</u>	GC Valves rebuild kit, for use with S211 series AC valves ending N5FG9, includes diaphragm assembly, diaphragm spring, plunger assembly, plunger tube, plunger spring, body O-rings and operator O-ring.	\$59.00	0.38





GCV Valve Rebuild Kits

GCV Valve Rebuild Kits			
Part No.	Description	Price	Weight (lbs)
<u>KS211V-G4</u>	GC Valves rebuild kit, for use with S211 series AC valves ending V5CG4 and V5DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body O-ring and operator O-ring.	\$75.00	0.32
<u>KS211V-G5</u>	GC Valves rebuild kit, for use with S211 series AC valves ending V5EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body O-ring and operator O-ring.	\$75.00	0.32
<u>KS211V-G9</u>	GC Valves rebuild kit, for use with S211 series AC valves ending V5FG9, includes diaphragm assembly, diaphragm spring, plunger assembly, plunger tube, plunger spring, body O-rings and operator O-ring.	\$146.00	0.40
<u>KS301V-C3</u>	GC Valves rebuild kit, for use with S301 series AC valves ending BD5, BD7 and BE1, includes plunger-seat disc-spring assembly, plunger tube, operator O-ring and body O-ring.	\$37.50	0.24
<u>KS201N-G4-DC</u>	GC Valves rebuild kit, for use with S201 series DC valves ending N5CG4 and N5DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-ring and operator O-ring.	\$66.00	0.33
<u>KS201N-G5-DC</u>	GC Valves rebuild kit, for use with S201 series DC valves ending N5EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-ring and operator O-ring.	\$66.00	0.33
<u>KS201N-G9-DC</u>	GC Valves rebuild kit, for use with S201 series DC valves ending N5FG9, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-rings and operator O-ring.	\$88.00	0.41
<u>KS201V-G4-DC</u>	GC Valves rebuild kit, for use with S201 series DC valves ending V5CG4 and V5DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-ring and operator O-ring.	\$80.00	0.33
<u>KS201V-G5-DC</u>	GC Valves rebuild kit, for use with S201 series DC valves ending V5EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-ring and operator O-ring.	\$80.00	0.33
<u>KS201V-G9-DC</u>	GC Valves rebuild kit, for use with S201 series DC valves ending V5FG9, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body O-rings and operator O-ring.	\$175.00	0.43
<u>KS211N-G4-DC</u>	GC Valves rebuild kit, for use with S211 series DC valves ending N5CG4 and N5DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body O-ring and operator O-ring.	\$62.00	0.33
<u>KS211N-G5-DC</u>	GC Valves rebuild kit, for use with S211 series DC valves ending N5EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body O-ring and operator O-ring.	\$62.00	0.33
<u>KS211V-G4-DC</u>	GC Valves rebuild kit, for use with S211 series DC valves ending V5CG4 and V5DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body O-ring and operator O-ring.	\$75.00	0.33
<u>KS211V-G5-DC</u>	GC Valves rebuild kit, for use with S211 series DC valves ending V5EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, body O-ring and operator O-ring.	\$75.00	0.33
<u>KH401Z</u>	GC Valves rebuild kit, for use with H401 series valves, includes plunger tube assembly, plunger assembly, plunger spring, plunger pin, piston pickup collar, piloted piston assembly, PTFE glide strip and operator cavity o-ring.	\$71.00	0.19





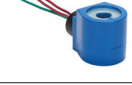
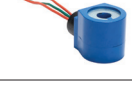










GCV Valve Replacement Coils

GCV Valve Replacement Coils									
Coil Photo	Part No.	Voltage Rating	Power Rating	Insulation	Connection	Cable Length	Fits Valve Series	Price	Weight (lbs)
	<u>HS3GN16A24</u>	24VDC	9W	Class H: 180°C (356°F)	1/2 in conduit w/ 18AWG pigtail	24.0 in	S211 series valves	\$38.50	0.54
	<u>HS3YN16</u>	24VDC	9W	Class H: 180°C (356°F)	18mm DIN style wiring plug	N/A	S211 series valves	\$38.50	0.49



GCV Valves Replacement Coils

Water Valve Accessory Coils									
Coil Photo	Part No.	Voltage Rating	Power Rating	Insulation	Connection	Cable Length	Fits Valve Series	Price	Weight (lbs)
	<u>HS4YN02</u>	120VAC	10W	Class H: 180°C (356°F)	18mm (DIN 43650A) style wiring plug	N/A	S201, NS201, S301 and NS301 valves	\$51.00	0.6
	<u>HS4YN04</u>	240VAC	10W	Class H: 180°C (356°F)	18mm (DIN 43650A) style wiring plug	N/A	S201, NS201, S301 and NS301 valves	\$51.00	0.6
	<u>HS4YN24</u>	24VAC	10W	Class H: 180°C (356°F)	18mm (DIN 43650A) style wiring plug	N/A	S201, NS201, S301 and NS301 valves	\$51.00	0.6
	<u>HS4YN16</u>	24VDC	10W	Class H: 180°C (356°F)	18mm (DIN 43650A) style wiring plug	N/A	S201, NS201, S211 DC, NS211 DC, S301 and NS301 valves	\$51.00	0.6
	<u>HS4GN02A24</u>	120VAC	10W	Class H: 180°C (356°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	S201, NS201, S301 and NS301 valves	\$51.00	0.6
	<u>HS4GN04A24</u>	240VAC	10W	Class H: 180°C (356°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	S201, NS201, S301 and NS301 valves	\$51.00	0.6
	<u>HS4GN24A24</u>	24VAC	10W	Class H: 180°C (356°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	S201, NS201, S301 and NS301 valves	\$51.00	0.6
	<u>HS4GN16A24</u>	24VDC	10W	Class H: 180°C (356°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	S201, NS201, S211 DC, NS211 DC, S301 and NS301 valves	\$51.00	0.6
	<u>HS3YN02</u>	120VAC	8W	Class H: 180°C (356°F)	18mm (DIN 43650A) style wiring plug	N/A	S211 and NS211 AC valves	\$42.50	0.5
	<u>HS3YN04</u>	240VAC	8W	Class H: 180°C (356°F)	18mm (DIN 43650A) style wiring plug	N/A	S211 and NS211 AC valves	\$42.50	0.5
	<u>HS3YN24</u>	24VAC	8W	Class H: 180°C (356°F)	18mm (DIN 43650A) style wiring plug	N/A	S211 and NS211 AC valves	\$42.50	0.5
	<u>HS3GN02A24</u>	120VAC	88W	Class H: 180°C (356°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	S211 and NS211 AC valves	\$42.50	0.5
	<u>HS3GN04A24</u>	240VAC	8W	Class H: 180°C (356°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	S211 and NS211 AC valves	\$42.50	0.5
	<u>HS3GN24A24</u>	24VAC	8W	Class H: 180°C (356°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	S211 and NS211 AC valves	\$42.50	0.5