



# 201 Series Water Valves (Nylon 6)



GC Valves 201 Series water valves are an excellent choice for potable water applications where supply pressure can drop to zero, such as emptying a tank. These valves are certified to NSF/ANSI 61 and have Nylon 6 bodies and NSF approved EPDM diaphragms. Ported for 3/8, 1/2 or 3/4 inch NPT, valves are available with either 120VAC, 24VAC or 24VDC solenoids.

## Features

- 2-Ports (2-way), 2-position
- Normally closed (N.C.) configuration
- Piloted diaphragm operator
- Zero differential action
- 18mm (DIN 43650A) style wiring plug
- 3/8", 1/2" or 3/4" NPT ports
- 120VAC, 24VAC or 24VDC solenoids
- Made in the USA



Also, see our website  
[www.AutomationDirect.com](http://www.AutomationDirect.com)  
 for a variety of fitting options



Made  
in the  
USA

201 Series Water Valve								
Model	NS201YF02CPCG4	NS201YF02CPEG5	NS201YF24CPCG4	NS201YF24CPDG4	NS201YF24CPEG5	NS201YF16CPCG4	NS201YF16CPDG4	NS201YF16CPEG5
Price	\$175.00	\$177.00	\$175.00	\$175.00	\$177.00	\$175.00	\$175.00	\$177.00
Drawing Link	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>
Weight (lbs)	1.0	1.1	1.0	1.0	1.1	1.0	1.0	1.1
Valve Type	2-Ports (2-way), 2-position							
Acting	Piloted diaphragm, normally closed							
Port Size	1/2" FNPT	3/4" FNPT	3/8" FNPT	1/2" FNPT	3/4" FNPT	3/8" FNPT	1/2" FNPT	3/4" FNPT
Orifice Size	5/8"	3/4"	5/8"	5/8"	3/4"	5/8"	5/8"	3/4"
Cv	4.3	6.7	4.3	4.3	6.7	4.3	4.3	6.7
Media	Water							
Pressure Range	0-100 psi	0-100 psi	0-100 psi	0-100 psi	0-100 psi	0-90 psi	0-90 psi	0-90 psi
Voltage (± 10%)	120/110 VAC 50/60 Hz	120/110 VAC 50/60 Hz	24VAC 50/60 Hz	24VAC 50/60 Hz	24VAC 50/60 Hz	24VDC	24VDC	24VDC
Inrush AC	54VA					-		
Power Consumption	10W							
Max Cycles per Minute**	15							
Insulation	Class N (200°C - 392°F)							
Min Response	25-100 ms					38-150 ms		
Temperature	32°F to 125°F (0°C to 51.7°C); Max. Fluid Temp. 295°F (146.1°C)							
Lubrication	Not required							
Protection	NEMA 4/4X Encapsulated							
Connection	18mm (DIN 43650A) terminal							
Construction	Nylon 6 plastic body; NSF Approved EPDM seals; Stainless Steel pilot orifice							
Life Cycle	1 Million							
Agency Approvals*	NSF/ANSI - 61-G/NSF-372, 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



# 201 Series Water Valves (Stainless Steel)



GC Valves 201 Series water valves are an excellent choice for potable water applications where supply pressure can drop to zero, such as emptying a tank. These valves are certified to NSF/ANSI 61 and have 316 stainless steel bodies and NSF approved EPDM diaphragms. Ported for 1/2, 3/4, 1, 1-1/4 or 1-1/2 inch NPT, valves are available with either 120VAC, 24VAC or 24VDC solenoids.

## Features

- 2-Ports (2-way), 2-position
- Normally closed (N.C.) configuration
- Piloted diaphragm operator
- Zero differential action
- 18mm (DIN 43650A) style wiring plug
- 1/2", 3/4", 1", 1-1/4" or 1-1/2" NPT ports
- 120VAC, 24VAC or 24VDC solenoids
- Made in the USA



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in the  
USA

Also, see our website  
[www.AutomationDirect.com](http://www.AutomationDirect.com)  
for a variety of fitting options

201 Series Water Valves							
Model	<a href="#">NS201YF02C7DG4</a>	<a href="#">NS201YF02C7EG5</a>	<a href="#">NS201YF02C7EG9</a>	<a href="#">NS201YF02C7GJ2</a>	<a href="#">NS201YF02C7HJ2</a>	<a href="#">NS201YF24C7DG4</a>	<a href="#">NS201YF24C7EG5</a>
Price	\$416.00	\$447.00	\$566.00	\$672.00	\$689.00	\$416.00	\$447.00
Drawing Link	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>
Weight (lbs)	1.9	2.0	4.0	6.5	6.3	1.9	2.0
Valve Type	2-Ports (2-way), 2-position						
Acting	Piloted diaphragm, normally closed						
Port Size	1/2" FNPT	3/4" FNPT	1" FNPT	1-1/4" FNPT	1-1/2" FNPT	1/2" FNPT	3/4" FNPT
Orifice Size	5/8"	3/4"	1"	1-1/4"	1-1/4"	5/8"	3/4"
Cv	4.3	6.7	11.0	18.0	23.0	4.3	6.7
Media	Water						
Pressure Range	0-100 psi	0-100 psi	0-100 psi	0-100 psi	0-100 psi	0-100 psi	0-100 psi
Voltage (± 10%)	120/110 VAC 50/60 Hz	120/110 VAC 50/60 Hz	120/110 VAC 50/60 Hz	120/110 VAC 50/60 Hz	120/110 VAC 50/60 Hz	24VAC 50/60 Hz	24VAC 50/60 Hz
Inrush AC	54VA						
Power Consumption	10W						
Max Cycles per Minute**	15						
Insulation	Class N (200°C - 392°F)						
Min Response	25-100 ms						
Temperature	32°F to 125°F (0°C to 51.7°C); Max. Fluid Temp. 295°F (146.1°C)						
Lubrication	Not required						
Protection	NEMA 4/4X Encapsulated						
Connection	18mm (DIN 43650A) terminal						
Construction	316 Stainless steel body; NSF Approved EPDM seals; Stainless Steel orifice						
Life Cycle	1 Million						
Agency Approvals	NSF/ANSI - 61-G/NSF-372, 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



# 201 Series Water Valves (Stainless Steel) Cont.

201 Series Water Valves Cont.					
Model	NS201YF16C7DG4	NS201YF16C7EG5	NS201YF16C7FG9	NS201YF16C7GJ2	NS201YF16C7HJ2
<b>Price</b>	\$416.00	\$447.00	\$566.00	\$672.00	\$689.00
<b>Drawing Link</b>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>	<a href="#">PDF</a>
<b>Weight (lbs)</b>	1.9	2.0	4.0	6.5	6.3
<b>Valve Type</b>	2-Ports (2-way), 2-position				
<b>Acting</b>	Piloted diaphragm, normally closed				
<b>Port Size</b>	1/2" FNPT	3/4" FNPT	1" FNPT	1-1/4" FNPT	1-1/2" FNPT
<b>Orifice Size</b>	5/8"	3/4"	1"	1-1/4"	1-1/4"
<b>Cv</b>	4.3	6.7	11.0	18.0	23.0
<b>Media</b>	Water				
<b>Pressure Range</b>	0-90 psi	0-90 psi	0-100 psi	0-100 psi	0-100 psi
<b>Voltage (± 10%)</b>	24VDC	24VDC	24VDC	24VDC	24VDC
<b>Inrush AC</b>	-				
<b>Power Consumption</b>	10W				
<b>Max Cycles per Minute**</b>	15				
<b>Insulation</b>	Class N (200°C - 392°F)				
<b>Min Response</b>	38-150 ms				
<b>Temperature</b>	32°F to 125°F (0°C to 51.7°C); Max. Fluid Temp. 295°F (146.1°C)				
<b>Lubrication</b>	Not required				
<b>Protection</b>	NEMA 4/4X Encapsulated				
<b>Connection</b>	18mm (DIN 43650A) terminal				
<b>Construction</b>	316 Stainless steel body; NSF Approved EPDM seals; Stainless Steel orifice				
<b>Life Cycle</b>	1 Million				
<b>Agency Approvals</b>	NSF/ANSI - 61-G/NSF-372, 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



# 201 Series Water Valve Accessories

201 Series Water Valve Accessories				
Kit Photo	Part No.	Description	Price	Weight (lbs)
	<b><u>KS201AF02G4-NSF</u></b>	GC Valves rebuild kit, for use with NS201 series AC valves ending CG4 and DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body o-ring and operator o-ring.	\$87.00	0.4
	<b><u>KS201AF15G4-NSF</u></b>	GC Valves rebuild kit, for use with NS201 series DC valves ending CG4 and DG4, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body o-ring and operator o-ring.	\$87.00	0.4
	<b><u>KS201AF02G5-NSF</u></b>	GC Valves rebuild kit, for use with NS201 series AC valves ending EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body o-ring and operator o-ring.	\$87.00	0.4
	<b><u>KS201AF15G5-NSF</u></b>	GC Valves rebuild kit, for use with NS201 series DC valves ending EG5, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, connecting spring, body o-ring and operator o-ring.	\$87.00	0.4



# 201 Series Water Valve Accessories

201 Series Water Valve Accessories				
Kit Photo	Part No.	Description	Price	Weight (lbs)
	<b><u>KS201AF02G9-NSF</u></b>	GC Valves rebuild kit, for use with NS201 series AC valves ending G9, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, plunger connecting spring, body O-rings and operator O-ring.	\$141.00	0.4
	<b><u>KS201AF02J2-NSF</u></b>	GC Valves rebuild kit, for use with NS201 series AC valves ending J2, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, plunger connecting spring, body O-rings and operator O-ring.	\$142.00	0.4
	<b><u>KS201AF15G9-NSF</u></b>	GC Valves rebuild kit, for use with NS201 series DC valves ending G9, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, plunger connecting spring, body O-rings and operator O-ring.	\$141.00	0.4
	<b><u>KS201AF15J2-NSF</u></b>	GC Valves rebuild kit, for use with NS201 series DC valves ending J2, includes diaphragm assembly, plunger assembly, plunger tube, plunger spring, plunger connecting spring, body O-rings and operator O-ring.	\$142.00	0.4



# Water Valve Accessories - Replacement Coils

Water Valve Accessory Coils									
Coil Photo	Part No.	Voltage Rating	Power Rating	Insulation	Connection	Cable Length	Fits Valve Series	Price	Weight (lbs)
	<a href="#"><u>HS4YN02</u></a>	120VAC	10W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS201 and NS301 valves	\$48.00	0.6
	<a href="#"><u>HS4YN04</u></a>	240VAC	10W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS201 and NS301 valves	\$48.00	0.6
	<a href="#"><u>HS4YN24</u></a>	24VAC	10W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS201 and NS301 valves	\$48.00	0.6
	<a href="#"><u>HS4YN16</u></a>	24VDC	10W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS201, NS211 DC and NS301 valves	\$48.00	0.6
	<a href="#"><u>HS4GN02A24</u></a>	120VAC	10W	Class N (200°C - 392°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	NS201 and NS301 valves	\$48.00	0.6
	<a href="#"><u>HS4GN04A24</u></a>	240VAC	10W	Class N (200°C - 392°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	NS201 and NS301 valves	\$48.00	0.6
	<a href="#"><u>HS4GN24A24</u></a>	24VAC	10W	Class N (200°C - 392°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	NS201 and NS301 valves	\$48.00	0.6
	<a href="#"><u>HS4GN16A24</u></a>	24VDC	10W	Class N (200°C - 392°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	NS201, NS211 DC and NS301 valves	\$48.00	0.6
	<a href="#"><u>HS3YN02</u></a>	120VAC	8W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS211 AC valves	\$40.50	0.5
	<a href="#"><u>HS3YN04</u></a>	240VAC	8W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS211 AC valves	\$40.50	0.5
	<a href="#"><u>HS3YN24</u></a>	24VAC	8W	Class N (200°C - 392°F)	18mm (DIN 43650A) style wiring plug	N/A	NS211 AC valves	\$40.50	0.5
	<a href="#"><u>HS3GN02A24</u></a>	120VAC	88W	Class N (200°C - 392°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	NS211 AC valves	\$40.50	0.5
	<a href="#"><u>HS3GN04A24</u></a>	240VAC	8W	Class N (200°C - 392°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	NS211 AC valves	\$40.50	0.5
	<a href="#"><u>HS3GN24A24</u></a>	24VAC	8W	Class N (200°C - 392°F)	1/2 in conduit 24in 18AWG pigtail	24.0 in	NS211 AC valves	\$40.50	0.5