



# CFA 3-Way Valves



**Part No.**  
**SC913YN02VEAA3**

CFA branded valves from GC Valves are an excellent choice for many general purpose applications for lower flows and smaller body sizes. These valves work with air, inert gas, water or coolant and are available in brass or stainless steel bodies with Viton seals.

## Features

- 3-ports (3-way), 2-position
- Normally closed (N.C.) configuration
- Direct acting operator
- Zero differential action
- 11mm DIN style wiring plug
- 1/8" or 1/4" NPT inlet/outlet ports
- #10-32 exhaust port
- 120 VAC, 24 VAC or 24 VDC solenoids
- Viton seals
- Made in USA



**Made in the USA**

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

CFA 3-Way Valves						
Model	SC913YN02VEAA3	SC913YN02VEBA3	SC913YN02VFAA3	SC913YN02VFBA3	SC913YN16VEAA3	SC913YN16VEBA3
Price						
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>
Weight (lbs)	0.40	0.44	0.39			0.44
Valve Type	3-port (3-way), N.C.					
Acting	Direct acting, N.C.					
Inlet Port Size	1/8 " FNPT	1/4 " FNPT	1/8 " FNPT	1/4 " FNPT	1/8 " FNPT	1/4 " FNPT
Outlet Port Size	1/8 " FNPT	1/4 " FNPT	1/8 " FNPT	1/4 " FNPT	1/8 " FNPT	1/4 " FNPT
Orifice Size	1.6 mm					
Cv	0.084					
Media	Air, Inert Gas, Water, Coolant					
Pressure Range	0-102 psi					
Voltage (± 10%)	120 VAC				24 VDC	
Inrush AC	19.5VA				N/A	
Power Consumption	6.5VA				4W	
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	11 mm DIN style wiring plug					
Construction	Brass body; Viton seals; Stainless steel orifice	Stainless steel body; Viton seals; Stainless steel orifice			Brass body; Viton seals; Stainless steel orifice	
Life Cycle	1 Million					
Agency Approvals*	CE, 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



# CFA 3-Way Valves



CFA 3-Way Valves Cont.						
Model	SC913YN16/VFAA3	SC913YN16/VFBA3	SC913YN24/VEAA3	SC913YN24/VEBA3	SC913YN24/VFAA3	SC913YN24/VFBA3
Price						
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>
Weight (lbs)	0.39	0.44	0.40	0.45	0.39	0.44
Valve Type	3-port (3-way), N.C.					
Acting	Direct acting, N.C.					
Inlet Port Size	1/8 " FNPT	1/4 " FNPT	1/8 " FNPT	1/4 " FNPT	1/8 " FNPT	1/4 " FNPT
Outlet Port Size	1/8 " FNPT	1/4 " FNPT	1/8 " FNPT	1/4 " FNPT	1/8 " FNPT	1/4 " FNPT
Orifice Size	1.6 mm					
Cv	0.084					
Media	Air, Inert Gas, Water, Coolant					
Pressure Range	0-102 psi					
Voltage (± 10%)	24 VDC		24 VAC			
Inrush AC	N/A		19.5VA			
Power Consumption	4W		6.5VA			
Max Cycles per Minute**	250-300					
Insulation	Class H: 180°C (356°F)					
Min Response	8-23 ms		5-15 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	11 mm DIN style wiring plug					
Construction	Stainless steel body; Viton seals; Stainless steel orifice		Brass body; Viton seals; Stainless steel orifice		Stainless steel body; Viton seals; Stainless steel orifice	
Life Cycle	1 Million					
Agency Approvals*	CE, UL Recognized					

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# CFA Valve Rebuild Kits

Part No. **KSC9102VBA5**Part No. **KSC3102VDA5**Part No. **KSC9202VDA5**

CFA Valve Rebuild Kits			
Part No.	Description	Price	Weight (lbs)
<b><u>KSC9102VBA5</u></b>	CFA rebuild kit, for use with SC911 series brass valves and valve banks, includes plunger tube assembly and plunger assembly.		0.16
<b><u>KSC3102VDA5</u></b>	CFA rebuild kit, for use with SC311 series valves, includes plunger tube assembly and plunger assembly.		0.18
<b><u>KSC9102VDA5</u></b>	CFA rebuild kit, for use with SC911 series SS valves and valve banks, includes plunger tube assembly and plunger assembly.		0.16
<b><u>KSC9202VDA5</u></b>	CFA rebuild kit, for use with SC912 series valves, includes plunger tube assembly, plunger, plunger tube head, set retainer and spring.		0.17
<b><u>KSC9302VDA3</u></b>	CFA rebuild kit, for use with SC913 series valves, includes plunger tube assembly and plunger assembly.		0.16



# CFA Valve Replacement Coils and Spare Parts

Part No. [C944](#)Part No. [C987](#)Part No. [C999](#)

CFA Valve Replacement Coils				
Part No.	Description	Price	Weight (lbs)	Drawing Link
<a href="#"><u>C926</u></a>	CFA solenoid coil, replacement, 24 VDC, 4 W, 11 mm DIN style wiring plug. For use with SC3 and SC9 series valves.		0.25	<a href="#"><u>PDF</u></a>
<a href="#"><u>C944</u></a>	CFA solenoid coil, replacement, 120 VAC, 6.5 VA, 11 mm DIN style wiring plug. For use with SC3 and SC9 series valves.		0.25	<a href="#"><u>PDF</u></a>
<a href="#"><u>C987</u></a>	CFA solenoid coil, replacement, 24 VAC, 6.5 VA, 11 mm DIN style wiring plug. For use with SC3 and SC9 series valves.		0.25	<a href="#"><u>PDF</u></a>
<a href="#"><u>C999</u></a>	CFA solenoid coil, replacement, 12 VDC, 4 W, 11 mm DIN style wiring plug. For use with SC3 and SC9 series valves.		0.25	<a href="#"><u>PDF</u></a>
<a href="#"><u>S060.1016P</u></a>	CFA solenoid coil nut, for use with CFA C9 coils.		0.13	N/A