



PRODUCT INFORMATION

NAMUR INTERFACE VALVES

95 & 34 SERIES



ROSS CONTROLS

NAMUR INTERFACE 95 SERIES VALVES – KEY FEATURES

- Compact in-line ported valve consisting 5/2-way with either solenoid pilot control
- 24 volts DC and 110 volts AC options for solenoid control
- Available port sizes - 1/4"
- Resilient spool & sleeve construction
- High flow capacity
- Pressure ports located in valve body
- Manual override included
- Lube or non-lube service
- Fast response times

NAMUR INTERFACE 34 SERIES VALVES – KEY FEATURES

- “Duck-bill” protected exhaust port(s):
 - Limits wash down fluids from entering the valve
 - Minimizes the collection point for contamination
- Corrosion resistant epoxy powder coat
- Solenoid Pilot – Low wattage, fast shifting, repeatable, long life
- Patented Ball-poppet internals - Near zero internal leakage for the life of the valve, self cleaning valve seats, sure shifting
- Faster and more precise operation than a spool valve
- 3/2 Normally Closed

VALVE TYPE/SERIES	PORT SIZES		MAX. FLOW Cv	Page
	CONNECTION	1/4		
95 SERIES				
SOLENOID PILOT CONTROLLED with NAMUR INTERFACE				
5/2			1.3	D5.3
34 SERIES				
SOLENOID PILOT CONTROLLED with NAMUR INTERFACE				
3/2, 52	M12, or EN 175301-803 Form A		0.25	D5.4



Solenoid Pilot Controlled Valves

NAMUR Interface
95 Series

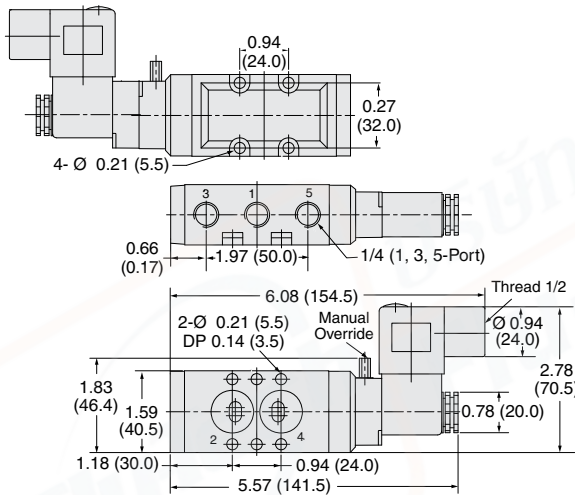
5-Way 2-Position Valves, Single Solenoid, Spring Return				
Port Size	Valve Model Number#		Avg. C _v	Weight lb (kg)
	NPT Threads	G Threads		
1, 3, 5	9576K2901W	D9576K2901W	1.3	0.80 (0.36)
1/4	9576K2901W	D9576K2901W	1.3	0.80 (0.36)

5-Way 2-Position Valves, Double Solenoid, Detented				
Port Size	Valve Model Number#		Avg. C _v	Weight lb (kg)
	NPT Threads	G Threads		
1, 3, 5	9576K2902W	D9576K2902W	1.3	1.04 (0.47)
1/4	9576K2902W	D9576K2902W	1.3	1.04 (0.47)

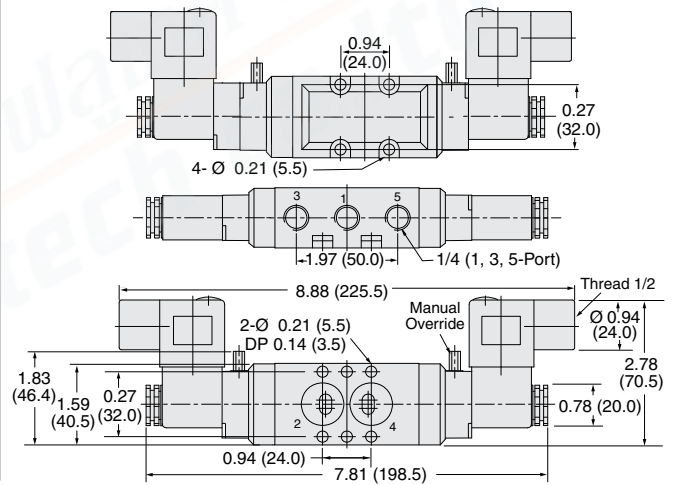
Voltage: W=24 VDC; Z=110-120 VAC, 50/60 Hz, e.g., 9576K2901Z.



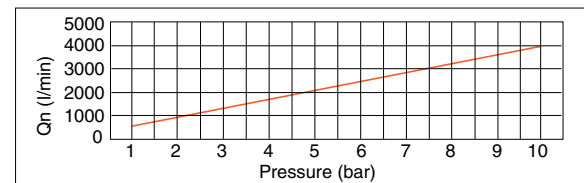
Valve Dimensions – inches (mm) Single Solenoid Valve



Double Solenoid Valve



FLOW CHART



D

ACCESSORIES & OPTIONS

Electrical Connectors			
Connector Form	Port Size	Model Number*	
		24 Volts DC	110 Volts AC
EN 175301-803 Form B	1/4	1767L77	1781L77

*3-Pin Electrical Connectors with LED & Surge Suppressor



Silencers		
Port Size	Threads	Model Number
1/4	Male - NPT	5500A2003
	Male - G	D5500A2003



D5

For other options, consult ROSS.

Valves available with installed prewired connectors, please consult ROSS.

STANDARD SPECIFICATIONS (for valves on this page):

Construction Design	Spool	Temperature	Ambient/Media: 41° to 140°F (5° to 60°C)
Mounting Type	In-line	Flow Media	Filtered air
Solenoids	AC or DC power; Rated for continuous duty	Pilot Supply	Internal
Voltage	24 volts DC; 110 volts AC, 50/60 Hz	Operating Pressure	22.5 to 150 psig (1.5 to 10 bar)
Power Consumption (each solenoid)	2.5 watts on DC; 5.5 VA holding on 50/60 Hz	Construction Material	Valve Body: Bar Stock Aluminum Spool: Stainless Steel Seals: Buna-N
Enclosure Rating	IP 65, IEC 60529	Manual Override	Pushbutton, non-locking
Electrical Connection	EN 175301-803 Industrial Form B connector		



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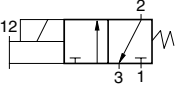
845/3-4 หมู่ 3 ถ.เทพารักษ์ ต.เทพารักษ์ อ.เมือง จ.สมุทรปราการ 10270

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Solenoid Pilot Controlled Valves

NAMUR Interface Washdown 34 Series

3-Way 2-Position Valves, Spring Return

Electrical Connection	Valve Model Number#*	Avg. C _v	Mounting Bolts	Weight lb (kg)	
	NPT Threads				
M12	3473D1904W	0.25	10-32	0.8 (0.3)	
EN 175301-803 Form A	3473D1900W	0.25	10-32	0.8 (0.3)	



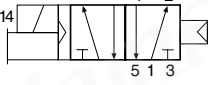
Model shown with M12 electrical connector



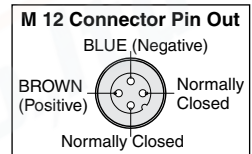
Model shown with EN electrical connector

Voltage: W=24 VDC; Z=110-120 VAC, 50/60 Hz, e.g., 3473D190Z. For other voltages, consult ROSS.
*Note: 10-24 and M5 mounting fasteners available upon request.

5-Way 2-Position Valves, Spring Return

Electrical Connection	Valve Model Number#*	Avg. C _v	Mounting Bolts	Weight lb (kg)	
	NPT Threads				
M12	3476C1904W	0.25	10-32	0.9 (0.4)	
EN 175301-803 Form A	3476C1900W	0.25	10-32	0.9 (0.4)	

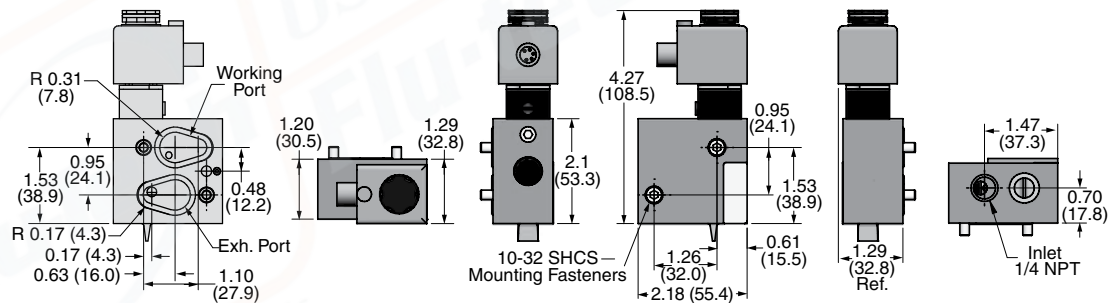
Voltage: W=24 VDC; Z=110-120 VAC, 50/60 Hz, e.g., 3476C1904Z. For other voltages, consult ROSS.
*Note: 10-24 and M5 mounting fasteners available upon request.



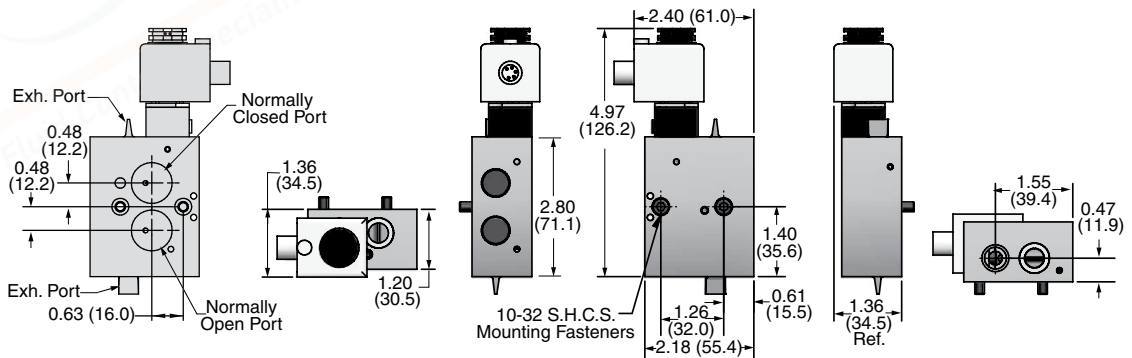
Valve Dimensions – inches (mm)

D

3/2 Valves



5/2 Valves



D5

STANDARD SPECIFICATIONS (for valves on this page):

Construction	Spool	Flow Media	Filtered air
Mounting Type	In-line	Pilot Supply	Internal
Solenoids	AC or DC power; Rated for continuous duty	Operating Pressure	29 to 116 psig (2 to 8 bar)
Voltage	24 volts DC; 110-120 volts AC, 50/60 Hz	Construction Material	Valve Body: Bar Stock Aluminum Spool: Stainless Steel Seals: Buna-N
Power Consumption (each solenoid)	0.7 watts on DC;	Standard	NEMA 4X (enclosure constructed for indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; and also provides protection in highly corrosive environments.
Enclosure Rating	IP 65, IEC 60529		
Electrical Connection	EN 175301-803 Form A connector, or M12		
Temperature	Ambient/Media: 4° to 122°F (-10° to 50°C) For temperatures below 40°F (4°C) air must be free of water vapor to prevent formation of ice.		



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