

Brass and 316 Stainless Steel Bodies • 1/4" NPT



#### Features

- Compact valves for general service applications
- Low-cost, 4-way valve when low flow is sufficient
- Mountable in any position

### Construction

Valve Parts in Contact with Fluids												
Body	Brass	316 Stainless Steel										
Seals and Disc	NBR and PA											
Core Tube	305 Stainless Steel											
Core and Plugnut	430F Stainless Steel											
Springs	302 Sta	ainless Steel										
Shading Coil	Copper Silver											
Piston		PA										

### Electrical

	Wat		g and Po Imption	ower	Spare Coil Part Number								
Standard Coil and			AC		Gen Purj	eral Iose	Explosi (E	-	Explosionproof (EV)				
Class of Insulation	DC Watts	VA VA Watts Holding Inrush			AC	DC	AC	AC DC		DC			
F	11.6	1.6 10.1 25 50		238610 23871		238614	238714	274614	274714				
F 11.6 10.1 25 50 238610 238710 238614 238714 274614 274714   Standard Voltages: 24, 120, 240, 480 volts AC, 60 Hz (or 110, 220 volts AC, 50 Hz). 6, 12, 24, 120, 240 volts DC. Must be specified when ordering. 0ther voltages are available when required.													

### **Solenoid Enclosures**

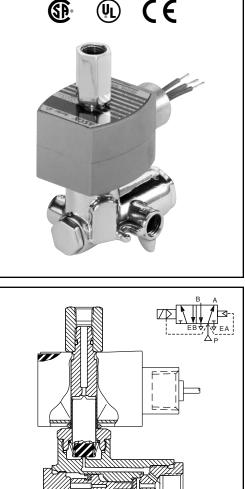
Standard: Watertight, Types 1, 2, 3, 3S, 4, and 4X.

**Optional:** Explosionproof and Watertight, Types 3, 3S, 4, 4X, 6, 6P, 7, and 9. (To order, add prefix "EF" or, for Explosionproof Stainless Steel trim and hub on Brass-Bodied valves, add "EV" to catalog number.)

See Optional Features Section for other available options.

# Nominal Ambient Temp. Ranges

AC: 32°F to 125°F (0°C to 52°C) DC: 32°F to 104°F (0°C to 40°C) *Refer to Engineering Section for details.* 



# Approvals

CSA certified. UL listed as General Purpose Valve. EV8345G081 solenoid only UL approved. Meets applicable CE directives. *Refer to Engineering Section for details.* ATEX/IECEx certified with prefix "EV" as listed.

Refer to Optional Features Electrical Section for details.

#### Important

A Minimum Operating Pressure Differential must be maintained between the pressure and exhaust ports. Supply and exhaust piping must be full area, unrestricted. ASCO flow controls and other similar components must be installed in the cylinder lines only.

Refer to Engineering Section for details.





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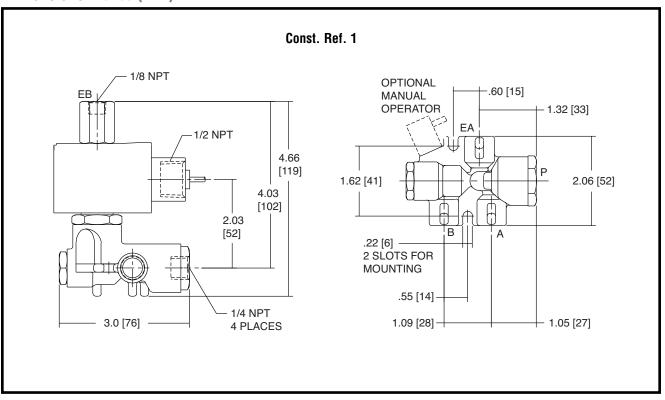
**Specifications (English units)** 

Pipe	Orifice Cv Size Flow (in) Factor				Operating Pressure Differential (psi) Max. AC Max. DC								Max. Fluid emp. °F Brass Body		Stainless Steel Body		Watt Rating/ Class of Coil Insulation	
Size	Press.	Exh.	Inlet	Exh.	Min.			Lt. Oil @ 50 SSU	AC	DC	Catalog Number	Catalog Number	Const. Ref.	AC	DC			
SINGLE	SOLENO	ID																
1/4	1/16	3/32	.09	.09	10	150	150	150	100	100	100	180	104	8345G001 ①	EV8345G081 ①	1	10.1/F	11.6/F
SINGLE	SINGLE SOLENOID AIR-ONLY CONSTRUCTION - Exhaust to Atmosphere																	
1/4	1/16	3/32	.09	.09	10	150	-	-	100	-	-	180	104	8345H003	-	1	10.1/F	11.6/F
① ATEX/	IECEx ce	ertified w	ith pre	fix "EV	".													

## **Specifications (Metric units)**

Pipe	Orifice Kv Flow Size Factor (mm) (m³/h)					Operating Pressure Differential (bar) Max. AC Max. DC								Brass Body	Stainless Steel	Watt Rating/ Class of Coil Insulation		
Size (in)	Press.	Exh.	Inlet	Exh.	Min.	Air-Inert Gas	Water	Lt. Oil @ 50 SSU	Air-Inert Gas	Water	Lt. Oil @ 50 SSU AC D		DC	Catalog Number	Catalog Number	Const. Ref.	AC	DC
SINGLE	SOLENO	ID																
1/4	2	2	.08	.08	0.7	10	10	10	7	7	7	82	40	8345G001 ①	EV8345G081 ①	1	10.1/F	11.6/F
SINGLE	SINGLE SOLENOID AIR-ONLY CONSTRUCTION - Exhaust to Atmosphere																	
1/4	2	2	.08	.08	0.7	10	-	-	7	-	-	82	40	8345H003	-	1	10.1/F	11.6/F
① ATEX/	IECEx ce	ertified v	vith pre	efix "E∖	/".													

## **Dimensions inches (mm)**





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