

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			eral Dose	-	onproof F)	Explosionproof (EV)					
Class of Insulation	DC Watts	Watts	VA Holding	VA Inrush	AC	DC	AC	DC	AC	DC				
F	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. Other voltages are available when required.														

Solenoid Enclosures

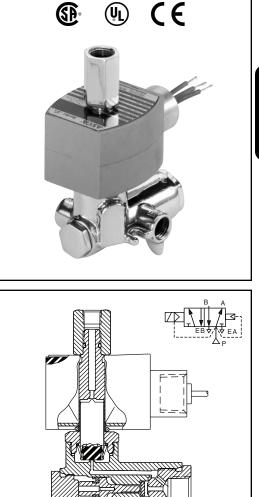
Standard: Watertight, Types 1, 2, 3, 3S, 4, and 4X.

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.



Specifications (English units)

Pipe	Orifice Cv Size Flow (in) Factor					Operating Pressure Differential (psi) Max. AC Max. DC							Aax. iluid mp. °F Brass Body		Stainless Steel	Watt Rating/ Class of Coil Insulation		
Size	Press.	Exh.	Inlet	Exh.	Min.	Air-Inert Gas	Water	Lt. Oil @ 50 SSU		Water	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	rtified w	ith pre	fix "EV	".													

Specifications (Metric units)

Pipe	Orifice Kv Flow Size Factor (mm) (m³/h)				Pressure Differential (bar)								Max. Fluid Temp. °C 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	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	SOLENO	ID AIR-	ONLY C	ONSTI	RUCTIO)N - Exha	ust to At	mosphere										
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	fix "EV	/".													

Dimensions inches (mm)

