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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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**Custom engineering**
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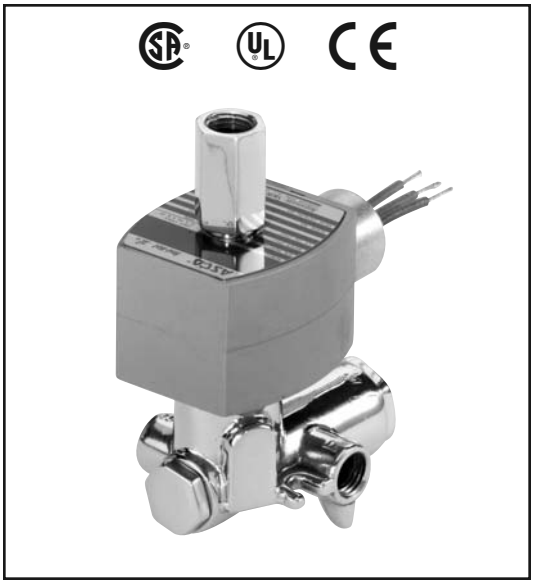
**Expert team | Trust guarantee | 100% satisfaction**

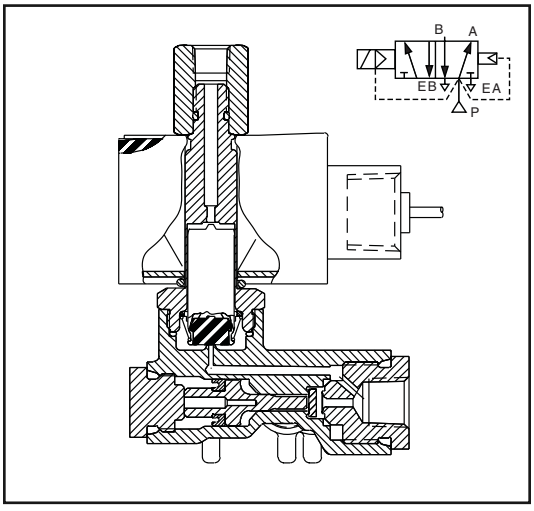
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Find the *Emerson / Asco RedHat EF8345G1* at our website: *Click HERE*

## 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 | FKM, PA and UR |
| **Core Tube** | 305 Stainless Steel | |
| **Core and Plugnut** | 430F Stainless Steel | |
| **Springs** | 302 Stainless Steel | |
| **Shading Coil** | Copper | Silver |
| **Piston** | PA | |

## Electrical

| Standard Coil and Class of Insulation | Watt Rating and Power Consumption | | | | Spare Coil Part Number | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | AC | | | General Purpose | | Explosionproof (EF) | | Explosionproof (EV) | |
| | DC Watts | Watts | VA Holding | VA Inrush | AC | DC | AC | DC | AC | DC |
| 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.*

## 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.*

ASCO®



## Specifications (English units)

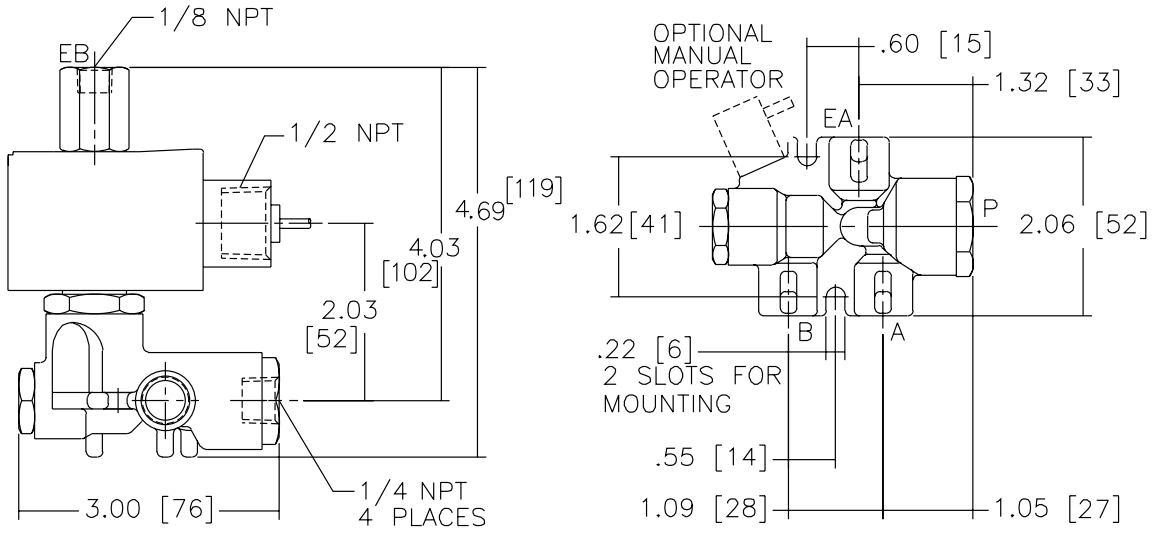
| Pipe Size (ins.) | Orifice Size (ins.) | | Cv Flow Factor | | Operating Pressure Differential (psi) | | | | | | | Max. Fluid Temp. °F | | Brass Body | Stainless Steel Body | | Watt Rating/ Class of Coil Insulation | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Max. AC | | | | Max. DC | | | | | | | | | |
| | 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 SOLENOID** | | | | | | | | | | | | | | | | | | |
| 1/4 | 1/16 | 3/32 | .09 | .09 | 10 | 150 | 150 | 150 | 100 | 100 | 100 | 180 | 104 | 8345G001 | EV8345G081 | 1 | 10.1/F | 11.6/F |
| **SINGLE SOLENOID AIR-ONLY CONSTRUCTION - Exhaust to Atmosphere** | | | | | | | | | | | | | | | | | | |
| 1/4 | 1/16 | 3/32 | .09 | .09 | 10 | 150 | - | - | 100 | - | - | 180 | 104 | 8345H003 | - | 2 | 10.1/F | 11.6/F |

## Specifications (Metric units)

| Pipe Size (ins.) | Orifice Size (mm) | | Kv Flow Factor (m3/h) | | Operating Pressure Differential (bar) | | | | | | | Max. Fluid Temp. °C | | Brass Body | Stainless Steel Body | | Watt Rating/ Class of Coil Insulation | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Max. AC | | | | Max. DC | | | | | | | | | |
| | 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 SOLENOID** | | | | | | | | | | | | | | | | | | |
| 1/4 | 2 | 2 | .08 | .08 | 0.7 | 10 | 10 | 10 | 7 | 7 | 7 | 82 | 40 | 8345G001 | EV8345G081 | 1 | 10.1/F | 11.6/F |
| **SINGLE SOLENOID AIR-ONLY CONSTRUCTION - Exhaust to Atmosphere** | | | | | | | | | | | | | | | | | | |
| 1/4 | 2 | 2 | .08 | .08 | 0.7 | 10 | - | - | 7 | - | - | 82 | 40 | 8345H003 | - | 2 | 10.1/F | 11.6/F |

## Dimensions inches (mm)

**Const. Ref. 1, 2**



**Artisan Technology Group** is an independent supplier of quality pre-owned equipment

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