

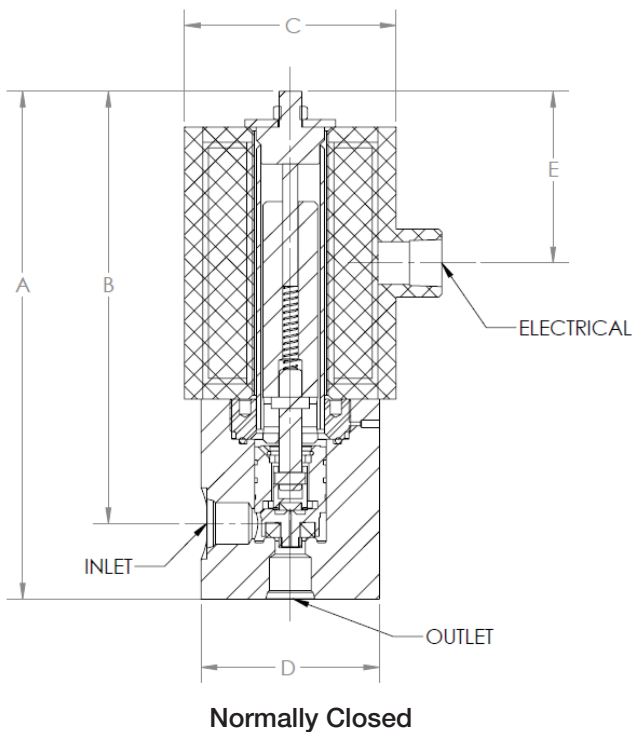
# EP70 SERIES 1/2" PIPE SIZE



### Features:

The powerful, full port EP70 is great for a wide range of liquid flow rates and temperatures. This pilot assisted, direct operated valve can be configured with a UL/CSA certified explosion proof coil for Class 1, Division 1, Group A-D locations. The EP70 has 1/2" NPT or SAE connections, and allows inlet pressures of up to 5000 psig. There is no minimum required pressure differential for opening/closing. The combination of a high power coil and larger internal bleed orifices, as compared to our other EH Series products, provides for less sensitivity to fluid viscosities and particulates. The EP70 can be used with water, fuel oils, flammable liquids and other liquids compatible with the construction materials. **Filters recommended for all applications.**

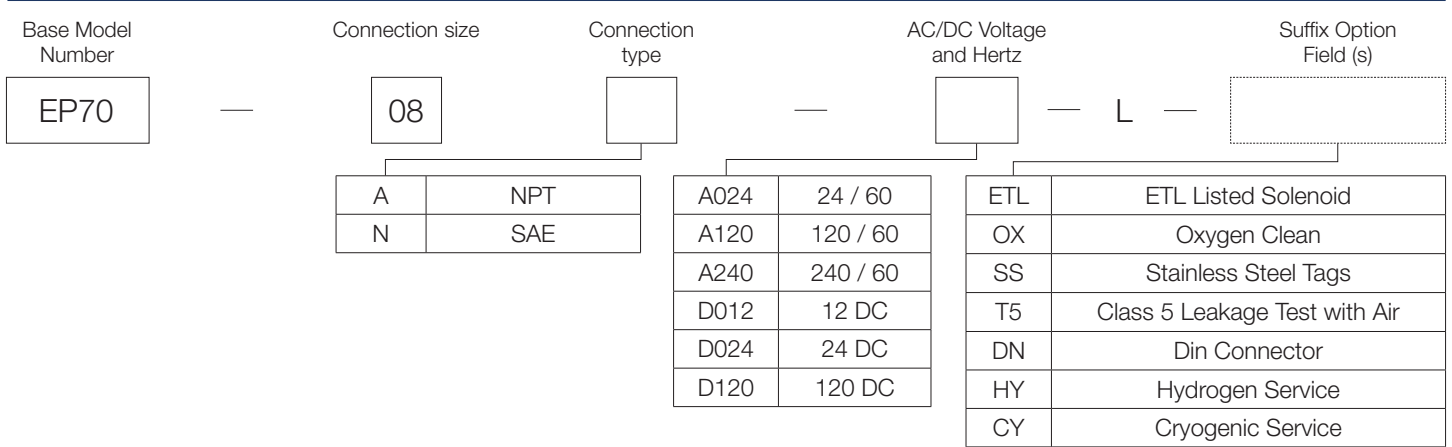
### Dimensions









	Pipe Size	Ship Weight (lbs.)	Reference Dimensions (inches)				
			A	B	C	D	E
EP70-08 Normally Closed	1/2"	15	8.4	7.2	ø 3.5	3.0	2.8

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## How To Order



## Possible EP70 Options & Add-Ons

					
72" Lead Length	Din Connector	Stainless Steel Tags	Class V Leakage Testing	NEMA 4X	ETL

The following are standard on the EP70:

	
Explosion Proof	Stainless Steel Valve Body

## Certifications



ETL Listed solenoid is an available option, at an additional price.

Conforms to UL Std. 1203  
Certified to CAN/CSA Std. C22.2 No.30

\*Consult Factory for Listing and Pricing Details.

## Construction

Valve Body:	316 SS (CF8M)
Piston:	303 SS
Piston Rings:	PTFE (cryo to 400°F)
Plunger:	430 SS
Pilot Valve:	303 SS
Bonnet Tube:	304 SS
Bonnet Base:	304 SS
Spring:	302 SS
Valve Disc:	PTFE

## Pressure

Maximum pressures shown are measured in PSIG

	Pipe Size
	1/2"
Normally Closed Standard AC:	5,000
Normally Closed Standard DC:	5,000
Minimum Pressure Differential:	0

## Flow & Wattage

Pipe Size	C <sub>v</sub>	Watts
1/2"	3.5	80

## Electrical (Coil)

### Coil:

Encapsulated Class "H", 36" leads - All AC/DC Voltages

### Coil Enclosure:

Carbon Steel - Coil enclosure is completely seal-welded

NEMA 4 (watertight), NEMA 7, NEMA 4X optional

Explosion-Proof for Class I, Division 1, Groups A-D for Operating Temp Code T2D,

- Range -20 to +85 degrees C.

- Recognized to UL STD 429 CAN/CSA C22.2 No. 139 with Subject UL STD 906

### Conduit Connection:

1/2" NPT

## Possible Media

