

SERIES 15 MODEL 152

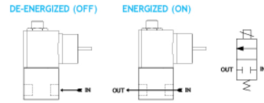


2-WAY NORMALLY CLOSED

The little black box — magnetic components encased in epoxy for durability and reliability. Interior parts are stainless steel and anodized aluminum. The valves may be used with air, inert gas and liquid media at pressures from vacuum to 500 psi — depending upon orifice size and configuration. For those who require extra heat resistance and media compatibility, FKM and other elastomers are available.

- Small, lightweight and economical.
- Operating pressures from vacuum to 500 psi.?
- Quality design and construction.

[series-15-model-152.pdf](#)



Specifications	Drawings	Flow Chart Tab	Nomenclature Tab			
MAX. OPER. PRESS. DIFF.	ORIFICE SIZE	CV FACTOR	VALVE NUMBER			
AC	DC	N.C.	N.C.	LEAD WIRE	DIN STYLE	CONDUIT HOUSING
500	500	1/32	.022	152G2DGM	152G2DEM	152G2DCM
400	400	3/64	.055	152H2DGM	152H2DEM	152H2DCM
200	200	1/16	.075	152J2DGM	152J2DEM	152J2DCM
150	100	3/32	.130	152K2DGM	152K2DEM	152K2DCM

Ordering Information:

When ordering valves or repair packs add voltage and frequency to complete valve number. for examples: valve (152J2DGM 120/60) repair pack (K152JD AC)

When ordering operators add the letter "O" to the front of the valve number, replace body port number with the letter "D": example: operator (O152JDDGM 120/60)

Operating Conditions:

Media:
Air, water, and other fluids compatible with standard Buna seals. Hot water, steam, gasoline, and many oils require special seal materials. (Series 15 pressure ratings may change due to the viscosity of the liquid.)*

Valve Temperature Range:
Standard Valves – 0°F (-18°C) to 104°F (40°C) ambient; 0°F (-18°C) to 150°F (65°C) media. Optional Valves – can tolerate much higher or much lower ambient and media temperatures.*

Maximum Operating Pressure See table above.

Differentials:

Burst Pressure: 5,000 PSI

Leakage: Bubble tight for standard valves.

Vacuum: To 5 Microns*

Electrical Characteristics:

Coil Voltage: 12/DC, 24/DC, 48/DC, 125/DC, 120/60-110/50, 240/60-220/50, and 24/60.

Nominal Power: AC – 7.0 Watts, DC – 10.5 Watts

Coil Construction: Molded Class F. (155°C)

Typical Response Time on Air: 4 – 16 Milliseconds

Operating Speed: Up to 600 CPM

Duty Cycle: Continuous

Mechanical Characteristics :

Body: Anodized Aluminum (Std.)

Internal Components: Stainless Steel. Copper – AC Only.

Elastomers: Nitrile (Buna) (Std.). Many other elastomers available.*

Orifice Diameter: See table above.

Porting: 1/8" NPT (Std.)

Housing: Leadwires, 1/2" NPT Conduit and DIN Style Connector.

Listings: Most valves are UL and CSA listed.*

Life Expectancy: Millions of cycles, depending on application, lubrication, etc.

Valve Weight: 0.27 lb to 0.30 lb depending on model and housing style.

Repair Packs: See table above.

Options:
Round Brass or Stainless Steel Body, Stackable Construction, Alternate Elastomers and Magnetic Latching Coil. Female DIN Style Connector Part Number 50-17029.*

* Consult representative or factory for options and specifications