

# SOLENOID VALVES . . .

## SPECIFICATIONS—3-WAY MULTI-PURPOSE

### OPERATING CONDITIONS

**Media:** Air, water, and other fluids compatible with standard Buna seals. Hot water, steam gasoline, and many oils require special seal materials - Consult representative or factory.

**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. Consult factory for specifics.

**Maximum Operating Pressure Differentials:** See Catalog listings.

**Burst Pressure:** Series 20, 30, 50 - 5000 PSI Series 70 - 4000 PSI

**Leakage:** Bubble tight for standard valves

**Vacuum:** To 5 Microns - Consult factory

### ELECTRICAL CHARACTERISTICS

**Coil Voltage:** Series 20 - 5 to 825 VAC 50-60 HZ. – 1.8 to 265V DC  
 Series 30 - 5.2 to 650 VAC 50-60 HZ. – 2 to 240V DC  
 Series 50 - 5.4 to 575 VAC 50-60 HZ. – 3.0 to 300V DC  
 Series 70 - 12 to 1050 VAC 50-60 HZ. – 2.5 to 220V DC

#### Nominal Power

Series	D.C.	A.C.	Series	D.C.	A.C.
20	9.5	8.7 Watts	50	7.0	6.0 Watts
30	8.0	8.0 Watts	70	16.0	18.0 Watts

**Coil Construction:** Non-molded Class A, Molded and potted Class F. (Class H optional)

**Typical Response Time on Air:** 4 - 16 Milliseconds—all series

### MECHANICAL CHARACTERISTICS

**Body:** Stainless steel (standard) - Ser. 20, 50, & 70  
 Brass (standard) - Ser. 30  
 Brass (optional) - Ser. 20, 50, & 70 - Consult factory  
 Aluminum (optional) - Ser. 50 - Consult factory

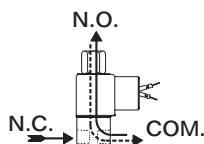
**Orifice Diameter:** See catalog listings

**Porting:** See catalog listings

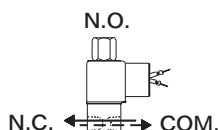
**Housing:** Grommet & ½" NPT conduit - many options available.

**Listings:** Most valves are U.L. and CSA listed - Consult factory for specifics.

#### DE-ENERGIZED



#### ENERGIZED



## OPTIONS AVAILABLE: – 3 WAY MULTI-PURPOSE

FOR ILLUSTRATED OPTIONS SEE PAGES

HOUSING OPTIONS—see page

STRAIN RELIEF CONNECTOR  
All Models

SINGLE AUTOMOTIVE  
All Models except 56

DOUBLE AUTOMOTIVE  
All Models except 56

“AN” CONNECTOR  
All Models

SPLICE BOX HOUSING  
All Models

JIC HOUSING  
Model 26

YOKE  
All Models

MOUNTING BRACKET  
All Models

COIL OPTIONS—see page

MOLDED COIL  
All Models

THIRD WIRE GROUND  
All conduit Models

POTTED COIL & HOUSING  
All Models

SPADE TERMINAL COIL - MOLDED  
Models 26, 36, 56

SPADE TERMINAL COIL - NON-MOLDED  
Models 26, 36, 56

HIGH TEMPERATURE MOLDED COIL  
All Models

EUROPEAN DIN STYLE COIL  
Models 26, 36

BODY OPTIONS—see page

METERING TO ½" ORIFICE  
Models 56

METERING TO ¼" ORIFICE  
Model 26, 36

METERING TO ⅜" ORIFICE  
Model 76

METERED BYPASS  
Model 26

MANUAL OVERRIDE  
Models 26\*, 76

PORT OPTIONS—see page 50

BOTTOM ORIFICE PORT  
All Models

BOTTOM CAVITY PORT  
All Models

PORT 90° LEFT  
Models 26, 36, 76

MANIFOLD MOUNT  
All Models

FLANGE MOUNT  
Models 26, 76

PORT 90° RIGHT  
Models 26, 36, 76

MISCELLANEOUS  
OPTIONS—see page

SILVER SHADING RING  
All Models

ALUMINUM SHADING RING  
All Models

UNIVERSAL MOUNTING BRACKET  
Models 26, 36, 56

**Note:** Availability of certain options or combination of options may vary with quantity of units ordered - Consult representative or factory.

\* Not available over 250 psi