

GENERAL PURPOSE VALVES



Series 30 >> Model 36

3-Way Multi-Purpose

Complete range of valves particularly suitable when cost and size are major factors. The bodies are constructed of brass (stainless steel is optional). Air, water, and other fluids are compatible with standard Buna seals. Hot water, steam, gasoline, and many oils require other seal materials.

- **Brass body with stainless steel internal construction.**
- **A smaller, cost effective alternative to any industry standard.**

Note: This valve also available as an operator. Refer to following page.

OPERATING CONDITIONS

Media: Air, water, and other fluids are compatible with standard Buna seals. Hot water, steam, gasoline, and many oils require other seal materials. (Series 30 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 Differentials: See table on next page.

Burst Pressure: 5,000 PSI

Leakage: Bubble tight for standard valves.

Vacuum: To 5 Microns*

ELECTRICAL CHARACTERISTICS

Coil Voltage: 6.0 to 650/60, 5.2 to 560/50 and 2.0 to 240/DC

Nominal Power: AC — 8.0 Watts, DC — 8.0 Watts

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

Typical Response Time on Air: 4 - 16 Milliseconds

Operating Speed: Up to 600 CPM

Duty Cycle: Continuous

MECHANICAL CHARACTERISTICS

Body: Brass (Std.) or Stainless Steel (Opt.)

Internal Components: Stainless Steel. Copper - AC Only.

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

Orifice Diameter: See table on next page.

Porting: Standard 1/8" NPT (other ports available).*

Housing: Grommet and 1/2" NPT conduit - many options available.*

Listings: Most valves are UL and CSA listed.*

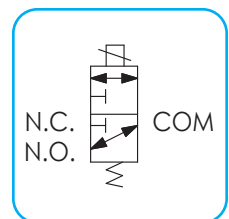
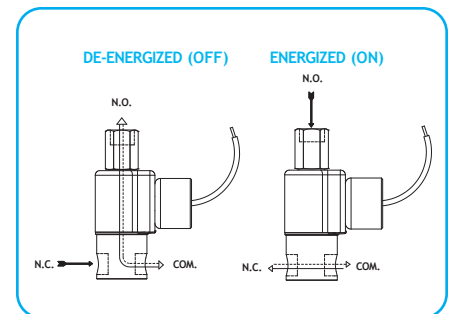
Life Expectancy: Millions of cycles, depending on application, lubrication, etc.

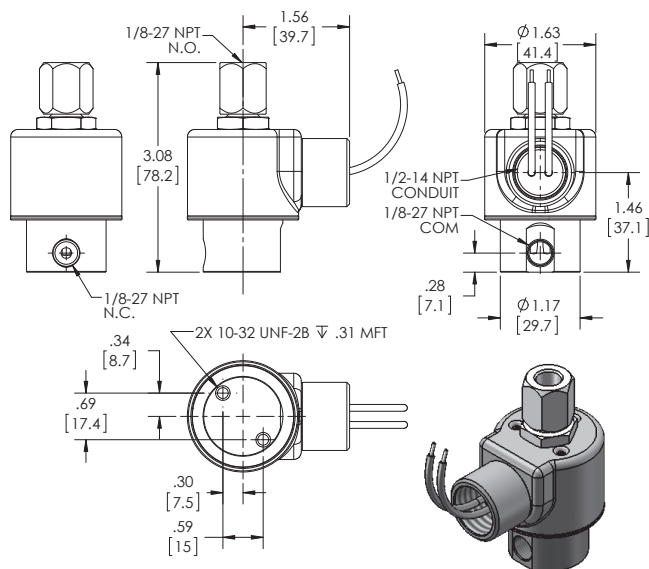
Valve Weight: Grommet Valve: 0.75 lb Conduit Valve: 0.81 lb

Repair Packs: See table on next page.

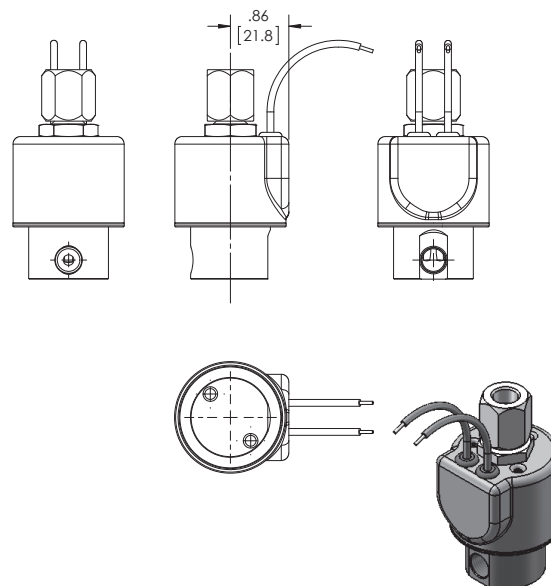
Options: Alternate Port Locations, Metering, Manual Override, Alternate Elastomers, Spade Terminal Coil

* Consult representative or factory for options and specifications.





**SERIES 30
MODEL 36
3-WAY MULTI-PURPOSE
CONDUIT CONNECTION**



**SERIES 30
MODEL 36
3-WAY MULTI-PURPOSE
GROMMET HOUSING WITH LEADS**

VALVE SPECIFICATIONS

MAX. OPER. PRESS. DIFF.		ORIFICE SIZE		CV FACTOR		VALVE NUMBER	
AC	DC	N.C.	N.O.	N.C.	N.O.	GROMMET HOUSING 1/8 NPT PORTS	CONDUIT HOUSING 1/8 NPT PORTS
300	300	1/32	1/32	.024	.024	36GG5XGM	36GG5XCM
150	150	3/64	3/64	.052	.052	36HH5XGM	36HH5XCM
75	75	1/16	1/16	.095	.095	36JJ5XGM	36JJ5XCM
50	30	3/32	3/32	.160	.160	36KK5XGM	36KK5XCM

ORDERING INFORMATION:

WHEN ORDERING VALVES OR REPAIR PACKS ADD VOLTAGE AND FREQUENCY TO COMPLETE VALVE NUMBER. EXAMPLES: VALVE (36HH5XCV 120/60) REPAIR PACK (K36HHX 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 (Q36HH5DCV 120/60)