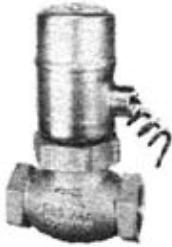


GOULD Solenoid Valves

2-Way Valves for Air, Water, Steam, Liquids, Light Oils, and Inert Gas • Sizes 1/8" to 3" NPT



Basic types are internal piston-pilot operated, normally closed and normally open for most AC and DC voltages. Available in Bronze (1/8" - 3"), and 303 or 316 Stainless Steel (1/8" - 2" NPT). **Specify desired size** when ordering. Pressures range from a minimum of 5 PSI to a maximum of 1200 PSI. Where a choice of operating pressure ranges is shown for the same valve type, **specify desired pressure range**. Temperatures from -40°F to 400°F maximum fluid temperature. The following charts show piston-pilot operated models, and these valves require a 5 PSI minimum pressure drop across the valve for operation. Direct-acting and Special Purpose models are also available.

Standard AC voltages available are 120V, 240V and 120V/240V (dual voltage). Standard DC voltages available are 12V and 24V. Other special AC and DC voltages ranging from 6V to 550V are in stock; please **specify**. Class N coils have a wattage range of 16-26 watts and Class H insulated coils have a range of 20-28 watts. AC voltages are available in 60Hz, 50Hz and 50-60Hz. Be sure to **specify voltage & cycles** when ordering. Coil enclosures have 1/2" NPT electrical conduits and NEMA 1 enclosures can be rotated 360°. Maximum liquid viscosity is equivalent to No. 2 fuel oil. You must **specify the fluid** which will be used in the valves. Always mount valves with the coil vertical and on top.

Bronze Body Valves – Pilot Operated Action

Valve Type	Media	Size Range	Valve Action	Enclosure Type	Pressure Range	Max. Temp
M-3V	Air & Water	1/8"-2"	NC	NEMA 1 or NEMA 4X	5-125 or 10-250 PSI	220°F
M-1-3T	Steam	1/8"-2"	NC	NEMA 1 or NEMA 4X	5-125 PSI	356°F
Q-3V	Air & Water	1/8"-3"	NC	NEMA 1	5-150 & 10-200 PSI	220°F
Q4-3V & Q4-3T	Air, Water, Oil	1/8"-3"	NC	NEMA 1	10-250 & 10-400 PSI	220°F
Q-1-3T & Q4-1-3T	Steam	1/8"-3"	NC	NEMA 1	5-150 & 10-200 PSI	450°F
Q-3V-24	Air & Water	1/8"-3"	NC	Watertight	5-150 PSI	220°F
Q4-3V-24 & Q4-3T-24	Air, Water, Oil	1/8"-3"	NC	Watertight	10-200 & 10-400 PSI	220°F
Q-1-3T-24 & Q4-1-3T-24	Steam	1/8"-3"	NC	Watertight	5-150 & 10-200 PSI	450°F
Q-3V-2	Air & Water	1/8"-3"	NC	Explosion Proof	5-150 PSI	220°F
Q4-3V-2 & Q4-3T-2	Air, Water, Oil	1/8"-3"	NC	Explosion Proof	10-250 & 10-400 PSI	220°F
Q-1-3T-2 & Q4-1-3T-2	Steam	1/8"-3"	NC	Explosion Proof	5-150 & 10-200 PSI	450°F
Q-230 & Q4-230	Gasoline, Diesel	1/8"-3"	NC	Explosion Proof	5-100 & 5-150 PSI	220°F
QR-3V & QR-3T	Air, Water, Oil	1/8"-3"	NO	NEMA 1	5-150 & 10-300 PSI	220°F
QR-1	Steam	1/8"-3"	NO	NEMA 1	5-150 PSI & 5-200 PSI	450°F

Valve Type	Media	Size Range	Valve Action	Enclosure Type	Pressure Range	Max. Temp
QR-3V-24 & OR-3T-24	Air, Water, Oil	1/8"-3"	NO	Watertight	5-150 & 10-300 PSI	220°F
QR-1-24	Steam	1/8"-3"	NO	Watertight	5-150 & 5-200 PSI	450°F
QR-3T-2 & QR-3V-2	Air, Water, Oil	1/8"-3"	NO	Explosion Proof	5-150 & 10-300 PSI	220°F
QR1-3T-2	Steam	1/8"-3"	NO	Explosion Proof	5-150 & 5-200 PSI	450°F
QR-230	Gasoline, Diesel	1/8"-3"	NO	Explosion Proof	5-100 & 5-150 PSI	220°F

Stainless Steel Valves – Pilot Operated Action

Valve Type	Media	Size Range	Valve Action	Enclosure Type	Pressure Range	Max. Temp
K & KX	CF*	1/8"-2"	NC	NEMA 1	5-150 PSI	220°F
KS, KST & KXS	CF*	1/8"-2"	NC	NEMA 1	10-400 PSI 20-1000 PSI 10-300 PSI	220°F
K-1 & KX-1	Steam	1/8"-2"	NC	NEMA 1	5-200 PSI	450°F
K-24 & KX-24	CF*	1/8"-2"	NC	Watertight	5-150 PSI	220°F
KS-24, KST-24 & KXS-24	CF*	1/8"-2"	NC	Watertight	10-400 PSI 20-1000 PSI 10-300 PSI	220°F
K-1-24 & KX-24	Steam	1/8"-2"	NC	Watertight	5-200 PSI	450°F
K-2 & KX-2	CF*	1/8"-2"	NC	Explosion Proof	5-150 PSI	220°F
KS2, KST-2 & KXS-2	CF*	1/8"-2"	NC	Explosion Proof	10-300 PSI	220°F
K-1-2 & KX-1-2	Steam	1/8"-2"	NC	Explosion Proof	5-200 PSI	450°F
K-230	Gasoline, Diesel	1/8"-2"	NC	Explosion Proof	5-150 PSI	220°F
KR & KRX	CF*	1/8"-2"	NO	NEMA 1	5-150 & 10-300 PSI	220°F
KR-1 & KRX-1	Steam	1/8"-2"	NO	NEMA 1	5-150 PSI	450°F
KR-24 & KRX-24	CF*	1/8"-2"	NO	Watertight	5-150 & 10-300 PSI	220°F
KR-1-24 & KRX-1-24	Steam	1/8"-2"	NO	Watertight	5-150 PSI	450°F
KR-2 & KRX-2	CF*	1/8"-2"	NO	Explosion Proof	5-150 & 10-300 PSI	220°F
KR-1-2 & KRX-1-2	Steam	1/8"-2"	NO	Explosion Proof	5-150 PSI	450°F
KR-230	Gasoline, Diesel	1/8"-2"	NC	Explosion Proof	5-150 PSI	220°F

*CF = Corrosive Fluids – **specify exact fluid** (for example Acetic Acid, not Acid)