

VALVE SELECTION CHART



Ordering Information - See Pages 32 & 33
For Optional Features - See Pages 26 & 27

For Fluids/Gases Not Listed
 and for Special Applications,
 Consult Factory

Use the chart below to determine suitable types of Magnatrol valves for a given application.

Example: A normally closed 1/2" valve for use on 100 psi steam, there are four types suitable and the final selection can only be made after referring to Bulletins 3020-M, 3020-S, 3020-J and 3020-W on pages 10, 12, 20 and 24 respectively.

Maximum Differential Pressure:

When specifying a valve, the Maximum Differential Pressure must be equal to or greater than the application. Care should be taken not to "over specify" the valve by choosing a valve with a Maximum Differential Pressure that is excessively beyond the application.

If you are unsure please consult the factory.

Max. Temperature	Up To 212°F							Up To 400°F		
	Bronze							Stainless Steel		
Construction										
Valve Type	D	G/GR	N/NR	A/AR	M/MR	S/SR	L/LR	J/JR	K/KR	W/WR
Page	18	16 & 17	6 & 7	8 & 9	10 & 11	12 & 13	14 & 15	20 & 21	22 & 23	24 & 25
Max. Diff. Pressure	30 PSI	50 PSI	300 PSI	500 PSI	150 PSI	180 PSI	500 PSI	300 PSI	500 PSI	180 PSI
Pipe Size Inches	3/8"-2"	1"-3"	1/2"-3/4"	1/2"-3"	3/8"-3/4"	1/2"-3"	1/2"-3"	3/8"-1/2"	1/2"-3"	1/2"-3"
Internal Port Size	Full	Full	Reduced	Full	Reduced	Full	Full	Reduced	Full	Full
Air	◆	◆	◆	◆	◆		◆	◆	◆	
Brine			◆	◆	◆		◆	◆	◆	
Gas	◆	◆	◆	◆	◆		◆	◆	◆	
Oil	◆	◆	◆	◆	◆		◆	◆	◆	
Solvents	◆	◆	◆	◆	◆		◆	◆	◆	
Water	◆	◆	◆	◆	◆		◆	◆	◆	
Vacuum	◆	◆	◆							
Steam					◆	◆		◆		◆
Cryogenic					◆		◆	◆	◆	
Oxygen, Liquid					◆		◆	◆	◆	
Oxygen, Gaseous	◆	◆		◆			◆	◆	◆	
Corrosive								◆	◆	

FOR CUSTOM ENGINEERED VALVES, MODIFICATIONS TO STANDARD MAGNATROL VALVES AND VALVES THAT FALL OUTSIDE OUR STANDARD VALVE CAPABILITIES, CONTACT MAGNATROL'S CLARK COOPER DIVISION

- PRESSURES TO 15,000 PSI
- FLUID TEMPERATURES UP TO 550°F
- DIRTY/VISCOUS & CORROSIVE FLUIDS
- MANY OPTIONS FOR END CONNECTIONS, REMOTE TRIP AND MANY OTHERS



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