

PNEUMATIC CONTROL VALVES



Application

Used for normally open / closed two position control of steam, liquids, air, oil brine or other non-combustible gases, heat exchange systems and as a power failure valve where tight shut off is required

Construction

Single seated, straight through globe body with high lift plug, spring loaded self adjusting packing. Pneumatic actuator is equipped with reinforced diaphragm. The diaphragm is enclosed in cast iron housing with spring assembly. Valves suitable for use with control air pressure of 5 PSI to 20 PSI.



Valve Body Specification

Flow Characteristic	- Constant Flow throughout full Plug Travel
Body	- Standard - Cast Iron
Material	- Optional - Stainless Steel, Gun Metal, Cast Steel
Packings	- Teflon Cone, Spring Loaded self adjusting.
Stem	- Stainless Steel.
Plug	- Standard - Brass. - Optional - Stainless Steel, Gun Metal m Cast Steel.
Seat	- Standard - Brass. - Optional - Stainless Steel, Gun Metal m Cast Steel.
Sizes range	- Screwed - 15mm through 50mm - Flanged - 60mm through 200mm

Valve Size MM	CV	RECOMMENDED MAXIMUM PRESSURE DIFFERENTIAL	MAXIMUM TEMPERATURE OF FLUID	MAXIMUM PRESSURE OF FLUID	NORML LIMITING FACTOR
15	2.5	20 P.S.I.	240 F	150 P.S.I.G SCREWED 125 P.S.I.G FLANGED	MAXIMUM PRESSURE DIFFERENTIAL
15	4.0				
20	6.3				
25	10.0				
32	16.0				
40	25.0				
50	40.0				
65	63.0				
80	100.0				
100	160.0				
125	250.0				
150	360.0				
200	600.0				

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