

Pneumatic diaphragm type control valve

"Apollo" offers 2 & 3 way control valves with pneumatic diaphragm actuator are specially design for on-off application. It is widely used in control of air, water, oil, gas steam in textile, chemical power generation, paper pulp, petrochemical industries etc.



Valve Specifications

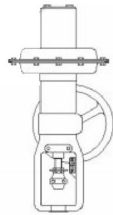
Body Design	Globe
Valve Size	2-Way - 25 to 150 MM (1" to 6") 3-Way - 15 to 100 MM (1/2" to 4")
Rating	ANSI 150#
End Connection	2-Way - Flanged - 25MM to 150MM (1" to 6") 2-Way - Screwed - 25MM to 150MM (1" to 2") 3-Way - Flanged - 15MM to 100MM (1/2" to 4") 3-Way - Screwed - 15MM to 50MM (1/2" to 2")
Body Materials	Carbon Steel, Stainless Steel, etc.
Bonnet	Standard upto 225°C / Finned from 225° to 400°
Gland Packing	PTFE V Rings / Grafoil
Trim Design	Top Guided
Trim Materials	SS 304 & SS 316
Characteristics	Equal, Linear & On/Off
Seat Leakage	As Per FCI-70-2 (ANSI B 16.104) / Class IV, V and VI (STANDARD LEAKAGE RATES) Metal to Soft Seating - Bubble tight (Zero Leakage)

Actuator Specifications

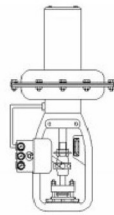
Actuator Type	Diaphragm
Actuator Action	Direct / Reverse Acting 2-Way - Direct Acting - Normally Open (Air to Close) 2-Way - Reverse Acting Normally Close (Air to Open) 3-Way - Direct Acting Air Failure "Open" Bottom Port 3-Way - Reverse Acting Air Failure "Open" Top Port
Diaphragm	Nitrile / EPDM / Neoprene / Viton ETC
Spring Ranges	18-30 Psig (1.2-2.0 kg/Cm ²)
Air Supply	35 Psig (2.5 kg/Cm ²)
Air Connection	1/4" NPT
Accessories	Valve Positioner - Pneumatic, E/P & Smart Solution Valve, Air Filter Pressure Regulator
Optional	Limit Switch



TOP MOUNTED
HANDWHEEL



SIDE MOUNTED
HANDWHEEL



VALVE POSITIONER
MOUNTED