

**FLOW-TEK VALVES  
& CONTROLS INC.**



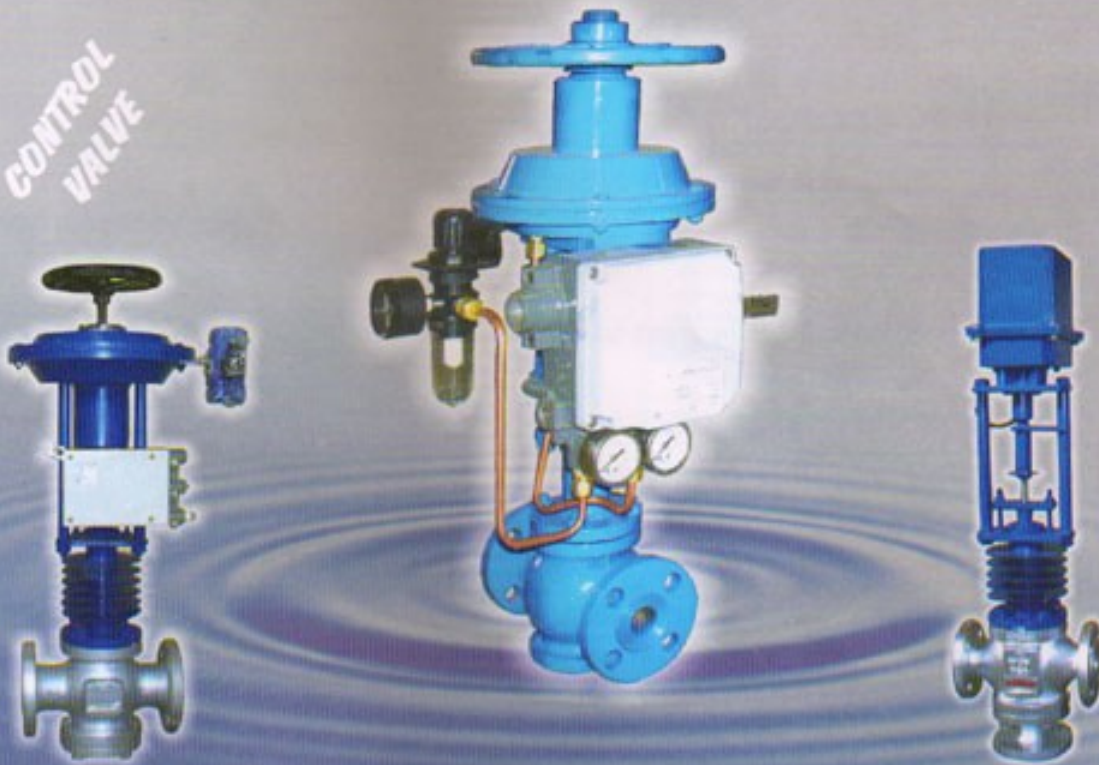
AN ISO 9001 : 2008 CERTIFIED COMPANY

MANUFACTURER & EXPORTER OF

**Flow-age**

MAKE SPECIALISED INDUSTRIAL VALVES

CONTROL  
VALVE



Flow-age

"All Types of Valve for whole Project"

[www.flowagevalves.com](http://www.flowagevalves.com)

# CONTROL VALVE

## Pneumatic Control Valve

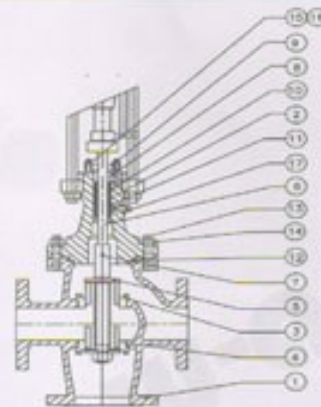
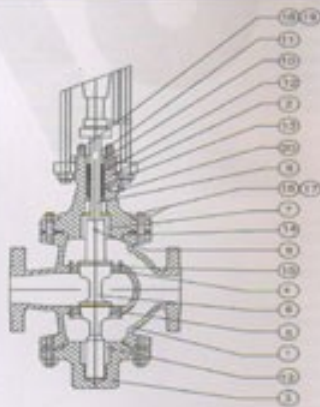
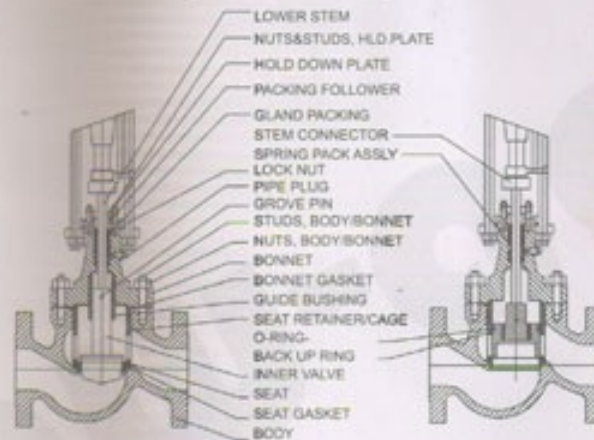
Globe type Control valves are available for any control application. Built to take the punishment imparted by many processes, including extreme pressure drops, the valve is backed by the most respected name in the valve industry.

- **Size** : 25NB 400NB
- **Rating** : 150, 300, 600, 900 & 1500 Class
- **End Connection** : Flanged, Butt-weld & Socket weld
- **Material** : Cast Steel, Stainless Steel, Alloy Steel, Hastalloy, etc.

## Applicable standards

- **Design** ANSI B16.34
- **Flanges** ANSI B16.5
- **F/F Distance** ANSI B16.10
- **Leakage Class** ANSI B16.104 FC170.2
- **IBR APPROVED**

## DISCRIPTION

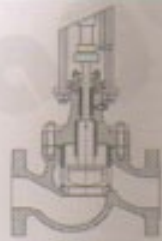


19	NUTS, HOLD DOWNPLATE	ASTM A194 GR.2H
18	STUDS, HOLD DOWNPLATE	ASTM A193 GR. B7
17	NUTS, BODY/BONNET	ASTM A194 GR.2H
16	STUDS, BODY/BONNET	ASTM A193 GR. B7
15	SEAT GASKET	S.S. 304 SPRALWOUNDGASKET
14	BONNET	GASKET WITH PTFE FILLER
13	SPRING PACK ASSLY	S.S. 410/S.S. 304/S.S. 316
12	GLAND PACKING	PTFE
11	HOLD DOWN PLATE	EN-8
10	PACKING FOLLOWER	S.S. 410/S.S. 304/S.S. 316
9	GROOVE PIN	S.S. 410/S.S. 304/S.S. 316
8	LOWER STEM	S.S. 410/S.S. 304/S.S. 316
7	GUIDE BUSHING	S.S. 410/S.S. 304/S.S. 316
6	VALVE PLUG	S.S. 410/S.S. 304/S.S. 316
5	SEAT LOWER	C.S. 785 304/SS316
4	SEAT UPPER	C.S. 785 304/SS316
3	BONNET BOTTOM	C.S. 785 304/SS316
2	BONNET TOP	C.S. 785 304/SS316
1	BODY	C.S. 785 304/SS316
NO	DESCRIPTION	MATERIAL

19	NUTS, HOLD DOWNPLATE	ASTM A194 GR.2H
18	NUTS, HOLD DOWNPLATE	ASTM A194 GR.2H
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12	BONNET GASKET	S.S. WITH PTFE FILLER
11	SPRING PACK ASSLY	S.S. 410/S.S. 304/S.S. 316
10	GLAND PACKING	PTFE
9	HOLD DOWN PLATE	EN-8
8	PACKING FOLLOWER	S.S. 410/S.S. 304/S.S. 316
7	GROOVE PIN	S.S. 410/S.S. 304/S.S. 316
6	LOWER STEM	S.S. 410/S.S. 304/S.S. 316
5	INNER VALVE	S.S. 410/S.S. 304/S.S. 316
4	SEAT LOWER	S.S. ASTM A361 GR.2F8M
3	SEAT UPPER	C.S. 785 304/SS316
2	TOP CLOSURE	C.S. 785 304/SS316
1	BODY	C.S. 785 304/SS316
NO	DESCRIPTION	MATERIAL

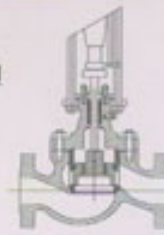
## Standard Models

**(Single Seated, Globe, Unbalanced Design) Top guided**  
Most widely used valve, for all major Fluids, Working conditions & Applications. Very easy to maintain.



TOP GUIDED, GLOBE TYPE

**(Single Seated, Globe, Balanced Design) Cage Guided**  
Excellent valve for Liquid, Air & Clean Gases. Has very high stability and better response.



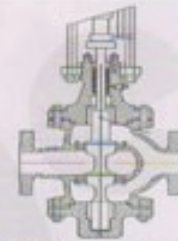
CAGE GUIDED, GLOBE TYPE

**(Single Seated, Globe) Top & Bottom guided**  
Suitable for High working pressure & High pressure Drop.



SINGLE SEATED TOP & BOTTOM GUIDED

**(Double Seated Globe) Top & Bottom guided**  
Used for High Flow Capacity (Cv Value) & High Pressure Differential such as Boiler feed Water, etc.



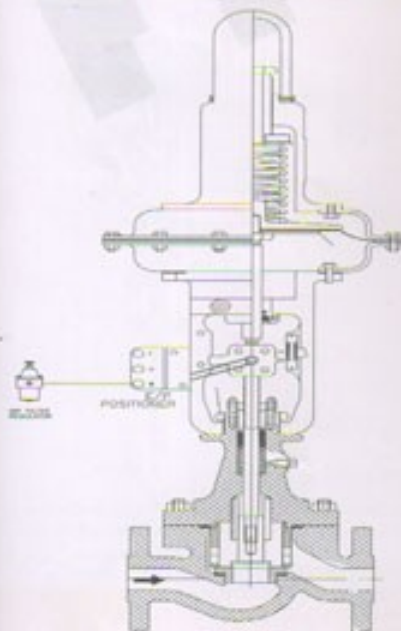
DOUBLE SEATED TOP & BOTTOM GUIDED

**(3 Way Mixing & Diverting) Skirt & Top Guided**  
Used for Thermic Fluid, Steam, Cooling Water, etc. where excess amount of fluid has to be by-passed.

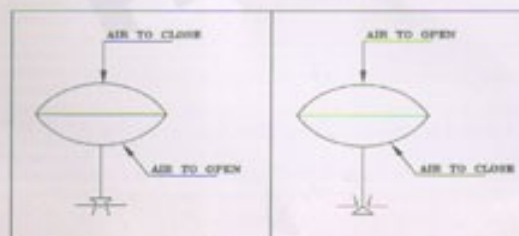
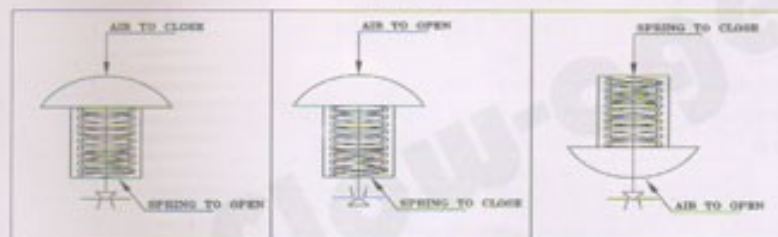


3-WAY DIVERTING TYPE TP & SKRIT GUIDED

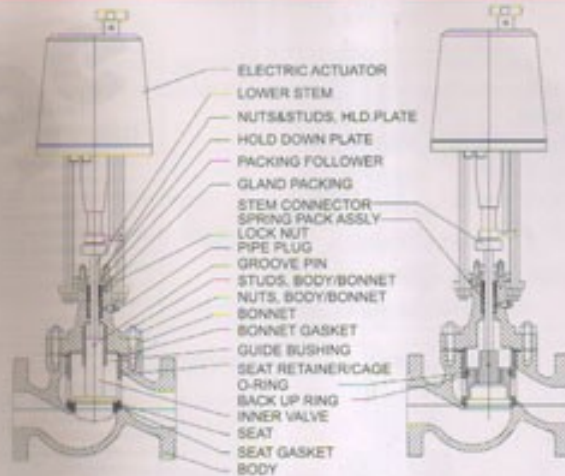
## PNEUMATIC CONTROL VALVE



### PNEUMATIC CONTROL POSITION LAY OUT



**ELECTRICAL ACTUATOR WITH VALVES**



**MOTORISED CONTROL VALVE**

<b>Body Type</b>	Straight Through
<b>Body Materials</b>	All Castable Alloy material.
<b>End Connections</b>	Flanged, Wafer
<b>Bonnet</b>	Standard, Extended & Cryogenic.
<b>Gland Packing</b>	PTFE, Braided PTFE, Grafoil, Vacuum
<b>Gaskets</b>	PTFE, Spiral Grafoil, Glass filled S S
<b>Seat Ring</b>	Clamped - in self aligned Bi - directional
<b>Plug</b>	Full & Reduced bore, S.S. 304 / 316 / 304L / 316L Hastelloy 'C'
<b>Shaft</b>	Splined - No lost motion or dead band Stainless Steel / 17 - 4PH
<b>Characteristics</b>	On - Off / Approximate throttling with Positioner.
<b>Actuator</b>	Pneumatic Spring Rotary, Fully field reversible, Motorized
<b>Supply</b>	Air pressure 2.0 to 10.0 Bar, Power - 230 VAC
<b>Shut off class</b>	ANSI VI with Teflon Seat, ANSI IV with Metal Seat
<b>Jacketing</b>	Available

**Desuperheaters**

**Mechanical Spray Variable Nozzle Spray**

<b>Body Type</b>	Fabricated
<b>Body Materials</b>	Based upon application
<b>End Connections</b>	Flanged -/ Socket - Butt Weld
<b>Bonnet</b>	Standard
<b>Gland Packing</b>	Braided PTFE & Grafoil
<b>Gaskets</b>	PTFE, Spiral Grafoil, Glass filled S S
<b>Nozzle</b>	Screwed In - Self-Aligned
<b>Plug</b>	Stellited Profile
<b>Characteristics</b>	Equal Percentag e& Linear
<b>Actuator</b>	Spring Cylinder Rotary, Fully field reversible
<b>Air pressure</b>	2.0 to 10.0 Bar
<b>Shut off class</b>	ANSI IV



**DESUPER HEATER**

\* Please contact us for any type of customized automation in Control Valve for typical applications

**OTHER MFG. RANGE:** Pressure Reducing Valve, Safety Relief Valve, Globe Valve, Ball Valve, Gate Valve, Plug Valve, Non Return Valve, Automatic Control Valve, Pneumatic Control Valve, Motorised Control Valve, Knife Edge Gate Valve, Flush Bottom Valve, Strainer, Filter, Pressure Reducing Station, Gas Skid & All type of manual / actuator / cylinder operated valves with any type of automation.

\* Please note this a condensed catalogue for a complete version please contact Flow-Tek directly.



**Unit : 1 FLOW-TEK VALVES & CONTROLS**

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