

## Pneumatic Control Valve

### 2/2 – 3/2 Way Pneumatic Diaphragm Operated Modulating Type Control Valve High Temperature

#### Specifications:

#### Actuator Details:

**Actuator:** Diaphragm Type Single Acting  
**Actuator Action:** Air to Open / Air to Close  
**Air Fail Position:** Closed / Open  
**Working Pressure:** 2.5 to 3.5 Kg/cm<sup>2</sup>

#### Valve Details:

**Model :** PKH  
**Type of Valve :** Globe Type 2/2 Way – 3/2 Way  
**Size Range :** 1/2" to 6"  
**Body :** WCB / CF8 / CF8M  
**Bonnet :** CF8 / CF8M / CF3M  
**Seat :** Metal to Metal  
**Trim / Plug :** S.S.304  
**Pressure :** up to 10 Bar  
**Temperature :** up to 450°C  
**Leakage Class :** Class IV As Per ASME B 16.104 CL For Metal to Metal Seating / FCI 70.2  
**End Connection :** Flanged End As Per ASME B16.5 Class 150(300 Class & 600 Class available on Request)



### 2/2 – 3/2 Way Pneumatic Diaphragm Thermic Fluid Modulating Type Control Valve High Temperature

#### Specifications

#### Actuator Details:

**Actuator:** Diaphragm Type Single Acting  
**Actuator Action:** Air to Open / Air to Close  
**Air Fail Position:** Closed / Open  
**Working Pressure:** 2.5 to 3.5 Kg/cm<sup>2</sup>

#### Valve Details:

**Model :** CND  
**Type of Valve :** Globe Type 2/2 Way – 3/2 Way  
**Size Range :** 1/2" to 12"



**Body** : WCB / CF8 / CF8M / CF3M

**Bonnet** : WCB / CF8 / CF8M / CF3M

**Seat** : Metal to Metal

**Trim / Plug** ; S.S.304 / 316

**Pressure** : up to 10 Bar

**Temperature** : up to 450°C

**Leakage Class** : Class IV As Per ASME B 16.104 CL For Metal to Metal Seating / FCI 70.2

**End Connection** : Flanged End As Per ASME B16.5 Class 150(300 Class & 600 Class available on Request)

## **2/2 – 3/2 Way Pneumatic Cylinder Control Valve (200°C)**

### **Specifications**

#### **Actuator Details:**

**Actuator Type:** Single Acting Cylinder

**Barrel:** Aluminium

**Shaft:** EN 8 Hard Chrome Plated

**Seals:** Buna – N

**End Cover:** Cast Iron

**Working Pressure:** 4.5 Kg/cm<sup>2</sup>

#### **Valve Details:**

**Model:** PLC

**Type of Valve:** Globe Type 2/2 Way – 3/2 Way

**Size Range:** 1/2" to 4"

**Body:** WCB

**Bonnet:** WCB

**Pressure:** up to 7 Bar

**Temperature:** up to 220°C

**Leakage Class:** Class VI

**End Connection:** As Per ASME B16.5 Class 150



## 2 /2 Way Pneumatic Single & Double Acting Angle Type On/Off Control Valve

### Specifications

#### Actuator Details:

**Body:** Aluminium / S.S.304

**Actuator Type:** Double Acting / Single Acting

**Air Connection:** 1/4" BSP (NPT On Request)

**Operating Pressure:** 4.5 to 7 BAR (1/2" to 2"), 5 to 7 Bar (2.1/2" to 4")

**Operating Cycles:** 350 to 650 Cycles / Hr.



#### Valve Details:

**Model:** SRT / ASV / SRK / TOF, **Size Range:** 1/2" to 4", **Body:** CF8 / CF8M / CF3M,

**Bonnet:** CF8 / CF8M / CF3M, **Pressure:** up to 10 Bar, **Temperature:** up to 220°C,

**Leakage:** As per ANSI B 16, 16.104 Leakage Class VI Shut off tight / Bubble tight, **End**

**Connection:** Screwed End / Flanged End.

## 2 /2 Way Pneumatic Single & Double Acting Globe Type On / Off Valve (N/O & N/C)

### Specifications

#### Actuator Details :

**Body :** Aluminium / S.S.304

**Actuator Type :** Double Acting / Single Acting

**Air Connection :** 1/4" BSP (NPT On Request)

**Operating Pressure :** 4.5 to 7 BAR (1/2" to 2"), 5 to 7 Bar (2.1/2" to 4")

**Operating Cycles :** 350 to 650 Cycles / Hr.



#### Valve Details:

**Model:** GKS / GKF / AGS / AGF, **Size Range:** 1/2" to 4", **Body:** CF8 / CF8M / CF3M,

**Bonnet:** CF8 / CF8M / CF3M, **Pressure:** up to 10 Bar, **Temperature:** up to 180°C,

**Leakage:** As per ANSI B 16, 16.104 Leakage Class VI Shut off tight / Bubble tight, **End**

**Connection:** Screwed End / Flanged End

## 2 /2 – 3/2 Way Pneumatic Single & Double Acting Straight Type Mixing & Diverting High Pressure Control Valve

### Specifications :

#### Actuator Details:

**Body :** Aluminium / S.S.304

**Actuator Type :** Double Acting / Single Acting

**Air Connection :** 1/4" BSP (NPT On Request)

**Operating Pressure :** 4.5 to 7 BAR (1/2" to 2"), 5 to 7 Bar (2.1/2")

**Operating Cycles :** 350 to 650 Cycles / Hr.

#### Valve Details:

**Model:** 3CVS / 3CVF / 3ACS / 3ACF, **Size Range:** 1/2" to 2.1/2", **Body:** CF8 / CF8M / CF3M, **Bonnet:** CF8 / CF8M / CF3M, **Pressure:** up to 42 Bar, **Temperature:** up to 180°C, **Leakage:** As per ANSI B 16, 16.104 Leakage Class VI Shut off tight / Bubble tight, **End Connection:** Screwed End / Flanged End

