

## Pneumatic Diaphragm Control Valves for 220°C & 450°C Temperature

2/2 & 3/2 way pneumatic diaphragm operated control valve for thermic fluid upto 450°C.



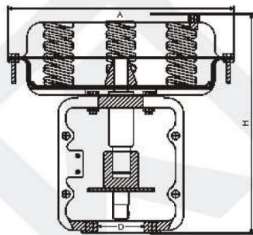
**SIZE RANGE : 1/2" TO 12"**

**Technical specification :**

Actuator	Diaphragm & Multi Spring type. Air to open / Air to close as a standard. (Piston actuators / Electrical actuators on request)
Bonnet	Standard for ('BCLD' Temperature up to 220°C) Extended with FINS for ('BCHD' Temperature up to 450°C)
Internals	S.S. 304 [316 (Hard facing when required) Other materials on request]
Gland Packings	Teflon / Grafoil
Trim Design	Contoured parabolic / Pressure balanced
Sizes	1/2" to 12"
Characteristic	Linear / Equal percentage / ON - OFF (Quick opening)
End Connection	Flange end ANSI B16.5 CL 150 [300# / 600# available on request]
Pressure Ratings	ANSI B16.5 CL150/300/600
Leakage	ANSI B16.104 CL IV for metal to metal seating. (Class V & Class VI leak tightness with soft seating on request)

**Features :**

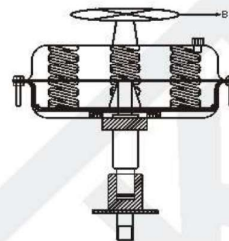
- ◆ Precise Regulating with High Flow Capacity
- ◆ Large type of trim Top Operating designs for various duty conditions
- ◆ Wide Range of actuators to meet different application
- ◆ In Line Repairable Design for easy maintenance
- ◆ Multi action type Actuator (Direct / Reverse acting)
- ◆ Tight closure even in extreme operating conditions



**Pneumatic Diaphragm Actuator**

Type	Diaphragm area	Spring	Max stroke	Air pressure (Kg.)
DA - CHD-1	350	4~8	15~20	1.5
Reverse				0
DA - CHD-2	350	4~8	25~30	1.5
Reverse				0
DA - CHD-3	610	3~6	34~45	1.5
Reverse				0
DA - CHD-4	1000	4~8	55~70	1.5
Reverse				0
DA - CHD-5	1300	4~8	90~110	1.5
Reverse				0

All Dimensions are in (mm.)



Manual and pneumatic clutch type actuator

**Parameter Actuator**

Type	Size (mm)				Valve Size
	D	H	A	B	
DA-CLD - 01	60	305	288	-	DL15-DL25
DA-CLD - 02	60	325	288	-	DL32-DL50
DA-CLD - 03	80	440	360	-	DL65-DL100
DA-CLD - 04	95	545	470	-	DL125-DL200
DA-CLD - 05	100	745	560	-	DL250-DL300
Mo-DA-CLD - 02	60	-	288	250	DL15-DL25
Mo-DA-CLD - 03	80	-	288	250	DL32-DL50
Mo-DA-CLD - 04	95	-	360	350	DL65-DL100

All Dimensions are in (mm.)