

Control Valves - V25

V25 globe control valves suitable for linear actuators PA & EL Series DN125 - DN200



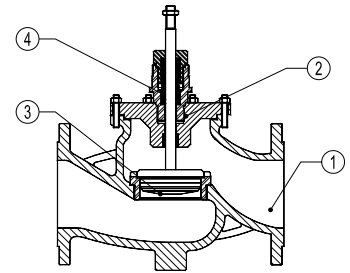
Description

The V25 control valves are single seated, two-way body constructed with in-line straight connections. The valves can be supplied with PA pneumatic actuator-rubber diaphragm and multi-springs DA-direct action (air to close) or RA-reverse action (air to open) or they can also be supplied with EL electric actuators.. The V25 valves have been designed to assure an accurate control in any process condition. Their wide application ranges allows to use this valve with the most common process fluids such as water, superheated water, steam, air, gas and other non corrosive fluids.

Price
ON REQUEST

Materials

	VG25G	V25S
1 Valve Body	EN-GJS-400-18-LT	GP-240-GH /A216WCB
2 Bonnet	CF8 / C40	CF8 / C40
3 Trim	Stainless steel	Stainless steel
4 Standard packing	PTFE/GR	PTFE/GR



Flow Rate Coefficients

	DN125	DN150	DN200
Kvs	230.6	316.1	590

Kvs in m3/h , see data sheet IS PV10.00 E ;
For conversion Kvs = Cv(US) x 0,855

Valve Stroke (mm)

	DN125	DN150	DN200
Stroke	40	40/50	50/80

Perforated plug and on-off valves may have different strokes, please see literature or consult factory.

Valve body limiting conditions V25G - PN16		Valve body limiting conditions V25S - PN25		Valve body limiting conditions V25S - PN40	
Allowable Pressures	Related Temperature	Allowable Pressures	Related Temperature	Allowable Pressures	Related Temperature
16 bar	-10 /120°C	25 bar	-10 /50°C	40 bar	-10 /50°C
14.7 bar	200°C	19.4 bar	200°C	30.2 bar	200°C
13.9 bar	250°C	17.8 bar	250°C	25.8 bar	300°C
12.8 bar	300°C	16.1 bar	300°C	24 bar	350°C
11.2 bar	350°C	15 bar	350°C	23.1 bar	400°C

Note: Maximum temperature limited to the valve packing selected. Valves with soft seat , maximum allowable temperature : 200°C

Pneumatic Control Valves - V25 BSP

Stainless Steel (PV25I) & Carbon Steel (PV52S), Threaded



Description

V25I globe control valves series suitable with linear actuators PA Series.

The PV25I control valves are single seated, two-way body constructed with in-line straight connections. The PA pneumatic actuator is rubber diaphragm and multisprings. It's action can be DA - direct action (air to close) or RA-reverse action (air to open). The PV25I valves have been designed to assure an accurate control in any process condition. Their wide application ranges allows to use this valve with the most common process fluids such as water, superheated water, steam, air, gas and other non corrosive fluids.

Price
ON REQUEST

Flow Rate Coefficients

	DN15	DN20	DN25
Kvs	3.8	5.1	9.4

Kvs in m3/h , see data sheet IS PV10.00 E ;
For conversion Kvs = Cv(US) x 0,855

Valve Stroke (mm)

	DN15	DN20	DN25
Stroke	20	20	20

Perforated plug and on-off valves may have different strokes, please see literature or consult factory.

Materials

1 Valve Body	CF8M / 1.4408
2 Bonnet	CF8M / 1.4408
3 Actuator (Steel)	S235JRG2 / 1.0038
Actuator (Stainless steel)	AISI304 / 1.4301
4* Diaphragm	NBR 70
5 Yoke (Seel)	C45E / 1.1191
Yoke (Stainless steel)	AISI304 / 1.4301
6 Valve Seal	PTFE/GR
7* Standard packing	PTFE/GR

* Available spare parts.

