Minimatic
On/Off Control Valves

FST
FLOW SYSTEM TECHNOLOGIES LTD

HIGH QUALITY • COMPETITIVE • COMPACT

Minimatic Control Valves

2-Way On/Off or 3-Way Vent/Drain/Bypass Compact Competitive Flow Control Valves DN 15 to DN 50 Screwed or DN 15 to DN 40 Flanged connections.

The Minimatic Control Valve provides efficient On/Off control for liquids, steam, air or gases.

Main Features

- Lightweight for ease of handling
- Compact for when space is limited
- Robust design for minimal maintenance
- All valves incorporate our new “Low Fugitive Emission” maintenance free gland seals
- 2 way or 3 way body configurations
- Cast Bronze for pressures up to 16 Bar and 180°C
- Investment cast 316 stainless steel bodies for pressures up to 25 Bar and 180°C
- Pneumatic actuator - spring return
- Stainless steel plug & spindle assemblies for On/Off duties
- PTFE soft seat insert for tight shut-off





NORTHVALE KORTING LTD

Minimatic
On/Off Control Valves

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Fig. 71-72 Screwed

Fig. 71 2-Way on/off, Fails closed
Fig. 72 3-Way diverting. Fails to top seat

Body material
- Gunmetal
- Stainless Steel*

Maximum working pressure
- 16 bar g
- 25 bar g

Saturated steam
- 9 bar g
- 9 bar g

Maximum temperature
- 180°C
- 180°C

Maximum actuator pressure
- 4 bar g
- 4 bar g

Seating material
- PTFE
- PTFE

*Investment cast stainless steel (316) rated at 25 bar g only available in ½", ¾"& 1"sizes

Fig. 71

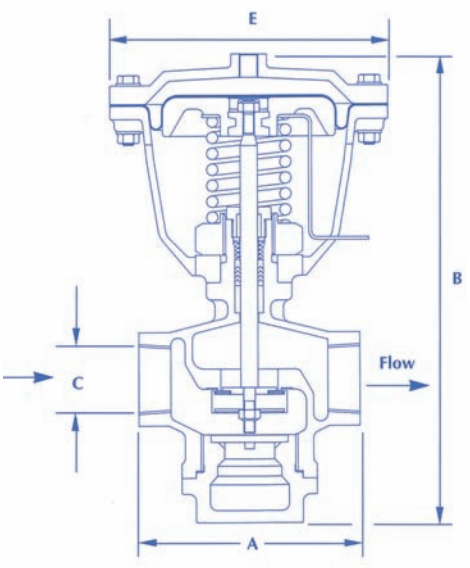
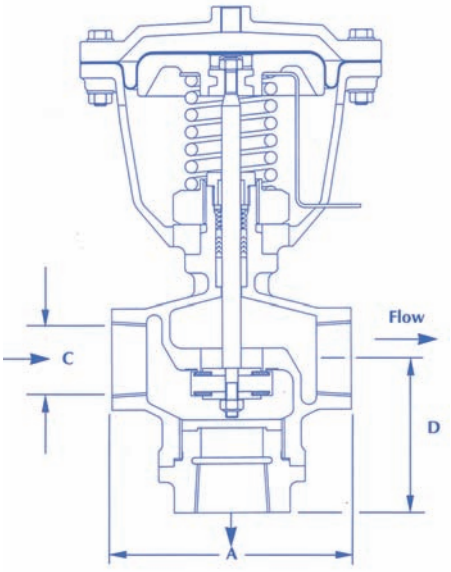


Fig. 72



Size	Kv	Diaphragm Area (sq. cm)	A	B	C BSP Taper	D	Top Cover Dia. E
½"	5	56	88	176	½"	54	130ϕ
¾"	6	56	88	176	¾"	54	130ϕ
1"	10	56	104	199	1"	66	130ϕ
1½"	25	134	155	324	1½"	99	195ϕ
2"	40	134	178	329	2"	99	195ϕ

Fig. 77-78 Flanged

Fig. 77 2-Way on/off, Fails closed
Fig. 78 3-Way diverting. Fails to top seat

Body material
- Gunmetal

Maximum working pressure
- 16 bar g

Maximum temperature
- 180°C

Saturated steam
- 9 bar g

Maximum actuator pressure
- 4 bar g

Seating material
- PTFE

Fig. 77

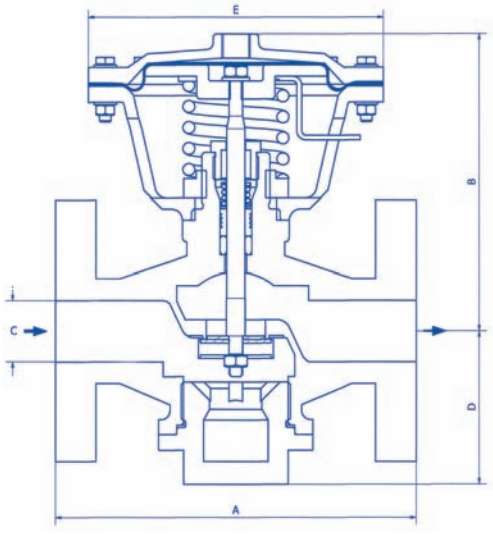
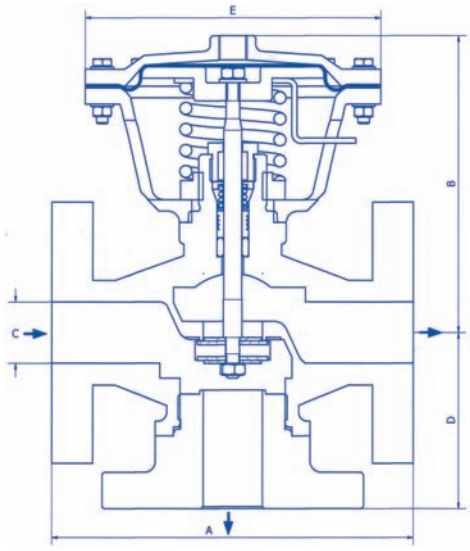


Fig. 78



Size	Kv	Diaphragm Area (sq. cm)	A	B	C	D Fig. 77	D Fig. 78	Top Cover Dia. E
½"	5	56	152	126	15	54	70	130
¾"	6	56	152	126	20	54	70	130
1"	10	56	159	134	25	66	76	130
1½"	25	134	165	226	40	99	89	195

NORTHVALE KORTING LTD

Uxbridge Road | Melton Road | Leicester | LE4 7ST
T: 0116 266 5911 | F: 0116 261 0050
E: sales@northvalekorting.co.uk | www.northvalekorting.co.uk