

Pneumatic On-off Valve Type 3351



Application

Control valve with a tight shutoff of liquids, gases and steam in accordance with DIN or ANSI standards

Nominal sizes	DN 15 to 100 · NPS ½ to 4
Nominal pressure	PN 16 to 40 · Class 150 and 300
Ambient temperatures	-35 to 100 °C · -30 to 212 °F
Medium temperatures	-50 to 250 °C · -58 to 482 °F

The Type 3351 Pneumatic Control Valve consists of an on-off valve and a pneumatic actuator. Optionally, the valve can be equipped with a bellows seal or extension bonnet.

Valve body made of:

- Cast iron
- Spheroidal graphite iron
- Cast steel
- Cast stainless steel
- Valve plug with metal and soft sealing together
- Leakage rate Class VI in accordance with DIN EN 1349, Class VI in accordance with ANSI B16-104.

Attachment of solenoid valves and limit switches according to IEC 60534-6 and NAMUR recommendation. For details, see Information Sheet T 8350 EN.

Versions

Standard version for nominal pressures PN 10 to PN 40 or ANSI Class 150 and 300 with fail-safe action "valve CLOSED" or "valve OPEN"

- **Type 3351-1** (Fig. 1) · On-off valve with self-adjusting PTFE V-ring packing in nominal sizes DN 15 to DN 100 (NPS ½ to 4) for medium temperatures from -10 to 220 °C (14 to 428 °F)
- **Type 3351-1 · Version with bellows seal** (Fig. 2) · On-off valve with metal bellows and V-ring packing in nominal sizes DN 15 to DN 50 (NPS ½ to 2) for medium temperatures as listed in Table 1
- **Type 3351-1 · Version with extension bonnet** (Fig. 2) · On-off valve with extension bonnet, plug stem sealed with PTFE V-ring packing, nominal sizes DN 15 to DN 50 (NPS ½ to 2) for medium temperatures as listed in Table 1

Other versions

- With additional handwheel
- With reinforced spring
- For higher or lower medium temperatures
- For higher ambient temperatures



Fig. 1 · Type 3351-1 Pneumatic On-off Valve



Fig. 2 · Type 3351-1 Pneumatic On-off Valve,
Version with bellows seal or extension bonnet