

Pilot Operated Valves Series 63.1V

High flow rates with low power consumption and compact design

Kuhnke valves series 63.1V are pilot-operated spool valves. They stand out for high flow rates, low power consumption and a compact design. They convince with their reliability and a competitive pricing.

The pilot-operated valves series 63.1V are perfectly suitable for the use in control heads of process valves and other applications with high flow and low power requirements. The basis for these advantages is a 3/2-way pilot valve series 63.1 in combination with a pneumatically actuated main spool valve.

All materials used are UL and CSA listed.



Characteristics

- High flow rates in combination with compact design and low power consumption
- The most typical application is in the food and beverage industry, where pilot-operated valves series 63.1V control the pneumatic actuation of process valves (used in breweries, dairies, or pharmaceutical production plants)
- Other applications can be found wherever high flow rates in combination with low power consumption are required
- Adaption to special technical requirements on demand

| Technical Data | |
|---------------------------------|--|
| Description | Pilot Operated Valve Series 63.1V |
| Nominal voltage (U_{nom}) | 12 V DC or 24 V DC |
| Power consumption (P_{nom}) | ≤ 1 W |
| Pressure range (p) | 2...8 bar |
| Orifice size | 2.6 mm |
| Flow (Air) | > 270 l/min at 6 to 0 bar |
| Kv-value | 3.2 l/min |
| Materials | Sealings: NBR; housing: PBT |
| Protection classification | IP 51 |
| Pneumatic connection | Flange |
| Electrical connection | Wire or plug |
| Functions | 3/2-way NC/NO |
| Dimensions (h x w x d) | 56 mm x 15 mm x 31 mm |

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