

Pneumatic Diaphragm Valve DIASTAR 025

Our strongest one.

Because this type series has the highest closing forces, it is implemented wherever high line pressure, up to 10 bar on both sides, needs to be controlled. The DIASTAR 025 with the integrated accessory interface is also your valve of choice if you place a great deal of importance on easy system integration. Available in the modes of operation: FC, FO and DA.



Fields of Application:

- chemical dosing
- working pressure up to 10 bar one side
- control applications
- control of pure and ultrapure media
- applications with higher viscosity and solids content

Advantages:

- comprehensive selection of material
- broad range of applications
- corrosion resistance
- maximum safety
- safe maintenance and minimal downtime
- easy integration of many interesting accessories
- less inventory and faster retrofitting

Options:

Fail-safe-to-close (FC mode)

In the non-operative state, the valve is closed with spring force. When the actuator is pressurised with the control medium (bottom connection), the valve opens. When the control medium escapes, the valve is closed via spring force.

Fail-safe-to-open (FO mode)

In the non-operative state, the valve is open with spring force. When the actuator is pressurised with the control medium (top connection), the valve closes. When the control medium escapes, the valve is opened via spring force.

Double acting (DA mode)

The valve has no defined basic position. The valve is opened and closed by applying control pressure to the corresponding connection (top connection for closing, bottom connection for opening).

Technical Data

Range: d20DN15 to d160DN150

Connections: unions, sockets, spigots, flanges, IR-spigots

Standards: ISO, ANSI/ASTM, BS and JIS

Nominal pressure: up to 10 bar both sides

Control medium: compressed air (oil-free)/ inert, non-aggressive gases, max. 40 °C

Max. control pressure: 6 bar for function FC, 5 bar for function FO and DA

Accessories: limit switch, manual override, stroke limiter, positioner, bus-communication, self-adjusting limit switch, pilot valves, valve cluster with bus-communication, AS-interface

Materials: PVC, CPVC, ABS, PP, PROGEF Natural, SYGEF Standard, SYGEF Plus

Seal: EPDM, PTFE, FPM, NBR, CSM

Authorized Distributor:

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