PVC diaphragm valve, pneumatic, normally open

PVC body, EPDM diaphragm, solvent cement sockets

Series: S-RUBG



Overview

Diaphragm material	EPDM
Materials	Body: PVC, diaphragms: EPDM / FKM
Temperature range	+5 to +60 °C
Control connection	G 1/4"
Control pressure	1 to 10 bar
Self-draining	3° - 6° suitable for flow direction and 25° - 33° tilted for horizontal
Socket inner diameter (mm)	20 to 63
DN (mm)	15 to 50
Socket outer diameter (mm)	20 to 63
Ends	adhesive socket, bonding nozzle
SKUs in this series	12

Description

Pneumatic, normally open (NO) diaphragm valves with PVC body and EPDM diaphragm, with solvent cement sockets for PVC pipe. Without control air, the valve is open. Control air closes the valve. The diaphragm separates the medium from the actuator, so only PVC and the diaphragm touch the medium. The valve is self-draining when installed with a 3° to 6° slope in the flow direction and the valve turned 25° to 33° from horizontal. For liquids. Not suitable for compressed air or other gases under pressure.

Key features

- Control air G 1/4, 1 to 10 bar
- PVC body, EPDM diaphragm
- Medium separated from the actuator
- Self-draining when installed at an angle

Models

Select the SKU for your application.

SKU	Ends	Socket inner diameter (mm)	DN (mm)	Socket outer diameter (mm)
V3MCA	adhesive socket	20	15	-
V3MCB	adhesive socket	25	20	-
V3MCC	adhesive socket	32	25	-
V3MCD	adhesive socket	40	32	-
V3MCE	adhesive socket	50	40	-
V3MCF	adhesive socket	63	50	-
V3MDA	bonding nozzle	-	15	20
V3MDB	bonding nozzle	-	20	25
V3MDC	bonding nozzle	-	25	32
V3MDD	bonding nozzle	-	32	40
V3MDE	bonding nozzle	-	40	50
V3MDF	bonding nozzle	-	50	63

Points to note

- Not suitable for compressed air or gases under pressure
- PVC, temperature range +5 to +60 °C only
- Opens if the control air fails, for fail-safe closed choose NC

> ⚠ **Warning**
> Not suitable for compressed air or other gases under pressure!

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