

The diaphragm valve has a low maintenance membrane actuator which can be controlled by air or inert gases. Normally Closed (NC), Normally Open (NO) and Double Acting (DA) control functions are available. All medium wetted parts and the actuator housing are made of high-grade plastic materials which can be selected to suit the application.

La valvola a membrana ha un attuttore a bassa manutenzione azionato ad aria o gas inerti. Sono disponibili le funzioni di controllo normalmente chiuso (NC), normalmente aperto (NO) e doppio effetto (DA). Tutte le parti a contatto con il fluido e l'alloggiamento dell'attuttore sono realizzati in materiali plastici di alta qualità che possono essere selezionati in base all'applicazione.

- The chemical resistance of the valve is subject to the type of fluid, the temperature, the pressure, as well as the materials and seals of the valve. / *La resistenza chimica della valvola dipende sia dal tipo di fluido, dalla temperatura e dalla pressione del sistema che dai materiali e dalle tenute della valvola.*
- Optimized pressure drop due to body design. / *Le perdite di carico sono ottimizzate grazie al design del corpo.*
- Stainless steel mounting inserts designed to support the valve. Same distance between the inserts for all DN. / *Il supporto della valvola è garantito mediante inserti di montaggio in acciaio inossidabile che possiedono la stessa distanza per tutti i DN.*
- Standard handwheel / *Volantino standard*
- EPDM, FKM, or PTFE diaphragm (EPDM backing). / *Membrana in EPDM, FKM o PTFE (supporto EPDM).*



TECHNICAL FEATURES / CARATTERISTICHE TECNICHE

| | |
|---|--|
| NOMINAL PRESSURE / PRESSIONE NOMINALE | PN 10 (20°C) |
| DIMENSIONS / DIMENSIONI | DN 15 ÷ DN 50 (d.20 ÷ 63 mm) |
| VALVE MATERIAL / MATERIALE VALVOLA | PVCu |
| DIAPHRAGM MATERIAL / MATERIALE MEMBRANA | EPDM, FKM or PTFE coated / EPDM, FKM o rivestita PTFE |
| TEMPERATURE RANGE / TEMPERATURA | 0°C ÷ 60°C |
| COUPLING STANDARDS / GIUNZIONI | Double union metric sockets, double union metric spigots or flanged / bocchettoni metrici femmina, manicotti metrici maschio o flangiata |

PVC-U Diaphragm valves

PVC-U Valvole a membrana

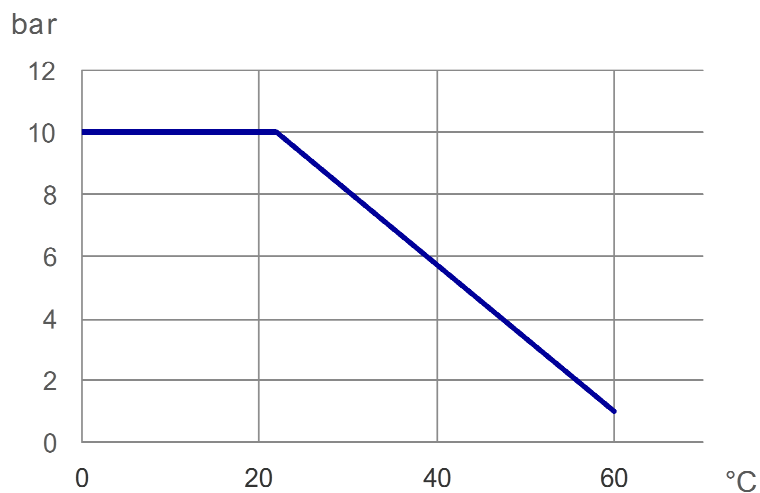
MATERIALS / MATERIALI

| | |
|---|--|
| DIAPHRAGM / MEMBRANA | EPDM, FKM, PTFE |
| VALVE BODY / CORPO VALVOLA | PVCu |
| SCREW / VITI | SS 316 |
| FLAT WASHER / RONDELLE PIANE | SS 316 |
| PROTECTION CAP / CAPPuccio DI PROTEZIONE | PE |
| UNION END / CONNESSIONI | PVCu |
| PNEUMATIC ACTUATOR DOUBLE ACTING OR SPRING RETURN | POLYAMIDE FIBERGLASS / POLIAMMIDE CARICATA FIBRA VETRO |

FLOW COEFFICIENT/ COEFFICIENTE DI FLUSSO

| DN | [m ³ /h] |
|----|---------------------|
| 15 | 6.1 |
| 20 | 9.4 |
| 25 | 12.2 |
| 32 | 24.3 |
| 40 | 29.3 |
| 50 | 45.8 |

Maximum working pressure / Pressione massima di esercizio



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