

PP-H Diaphragm valves

PP-H Valvole a membrana

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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 attuatore 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'attuatore 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	PP
DIAPHRAGM MATERIAL / MATERIALE MEMBRANA	EPDM, FKM or PTFE coated / EPDM , FKM o rivestita PTFE
TEMPERATURE RANGE / TEMPERATURA	-10°C ÷ 80°C
COUPLING STANDARDS / GIUNZIONI	Double union metric sockets, double union metric spigots or flanged / bocchettoni metrici femmina, manicotti metrici maschio o flangiata

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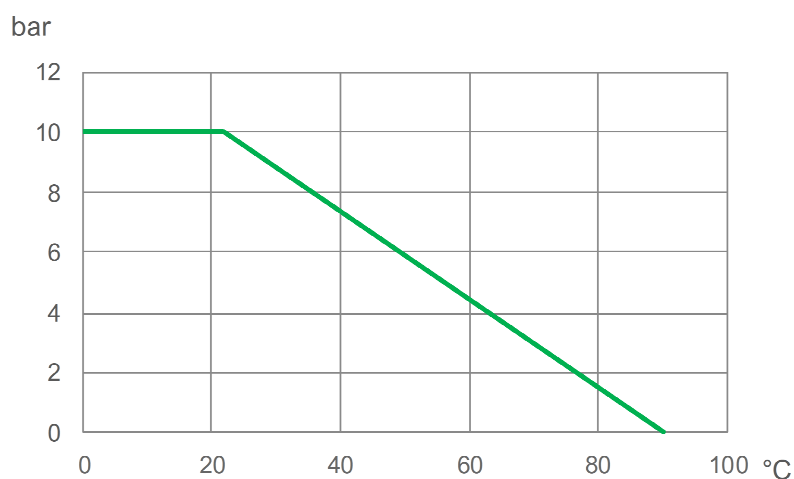
MATERIALS / MATERIALI

DIAPHRAGM / MEMBRANA	EPDM, FKM, PTFE
VALVE BODY / CORPO VALVOLA	PP
SCREW / VITI	SS 316
FLAT WASHER / RONDELLE PIANE	SS 316
PROTECTION CAP / CAPPuccio DI PROTEZIONE	PE
UNION END / CONNESSIONI	PP
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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