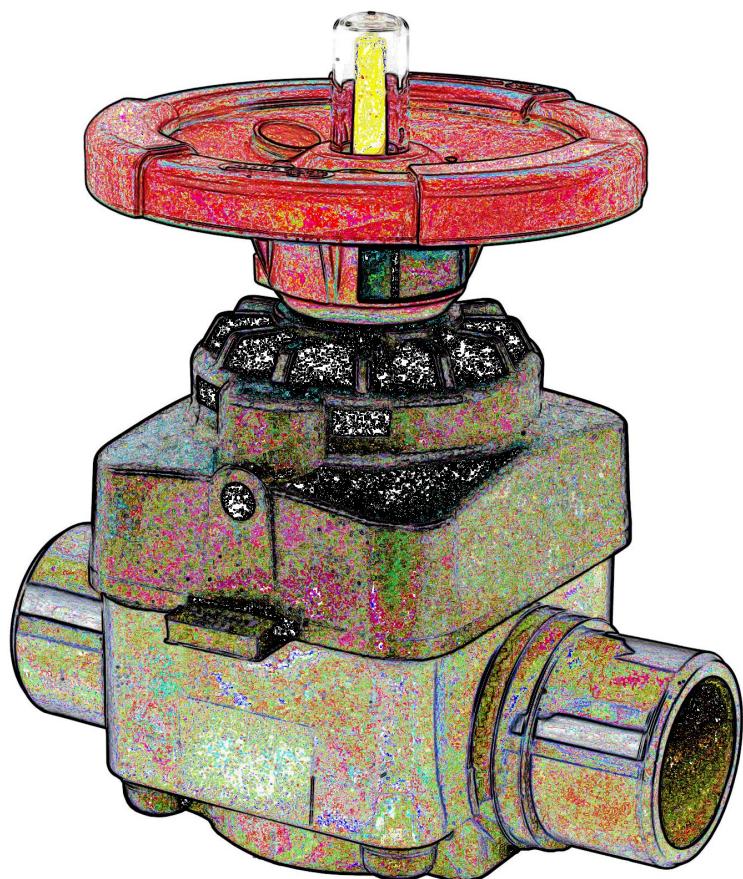


Tecnical Catalog

Catalogo Tecnico



PP-H Diaphragm valves
PP-H Valvole a membrana

PP-H Diaphragm valves

PP-H Valvole a membrana

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 membrana a bassa manutenzione che può essere azionato con 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

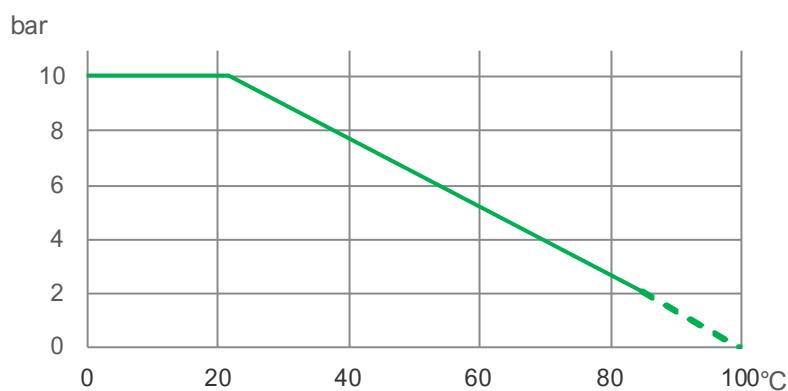
NOMINAL PRESSURE / PRESSIONE NOMINALE	PN 10 (20°C)
DIMENSIONS / DIMENSIONI	DN 15 ÷ DN 50 (d.20 ÷ 63 mm)
VALVE MATERIAL / MATERIALE VALVOLA	PP
DIAPHRAGM MATERIAL / MATERIALE MEMBRANA	EPDM, FKM or PTFE coated / EPDM , FKM o rivestita PTFE
TEMPERATURE RANGE / TEMPERATURA	-10°C ÷ 80°C
COUPLING STANDARDS / GIUNZIONI	Metric unions, metric spigots or flanged / Bocchettoni metrici femmina, manicotti metrici maschio o flangiata

PP-H Diaphragm valves

PP-H Valvole a membrana

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

Maximum working pressure / Pressione massima di esercizio



Flow rate coefficient / Coefficiente di flusso

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

PP-H Diaphragm valves

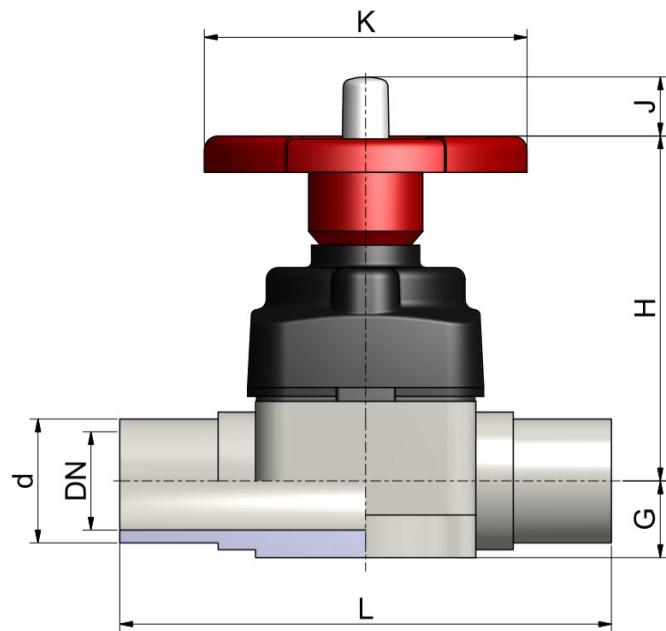
PP-H Valvole a membrana

MANUAL WITH METRIC SPIGOTS

MANUALE CON MANICOTTI METRICI MASCHIO

Rev. Apr 2020

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Code	DN	d	L	G	H	J	K	PN	Weight (g)
MDHMVS0200.E	15	20	124	21,5	120	13	101	10	680
MDHMVS0250.E	20	25	144	21,5	120	13	101	10	700
MDHMVS0320.E	25	32	154	21,5	120	13	101	10	710
MDHMVS0400.E	32	40	174	32	142	25	139	10	1320
MDHMVS0500.E	40	50	194	32	142	25	139	10	1340
MDRMVS0630.E	50	63	224	39	175	30	163	10	2400

PP-H Diaphragm valves

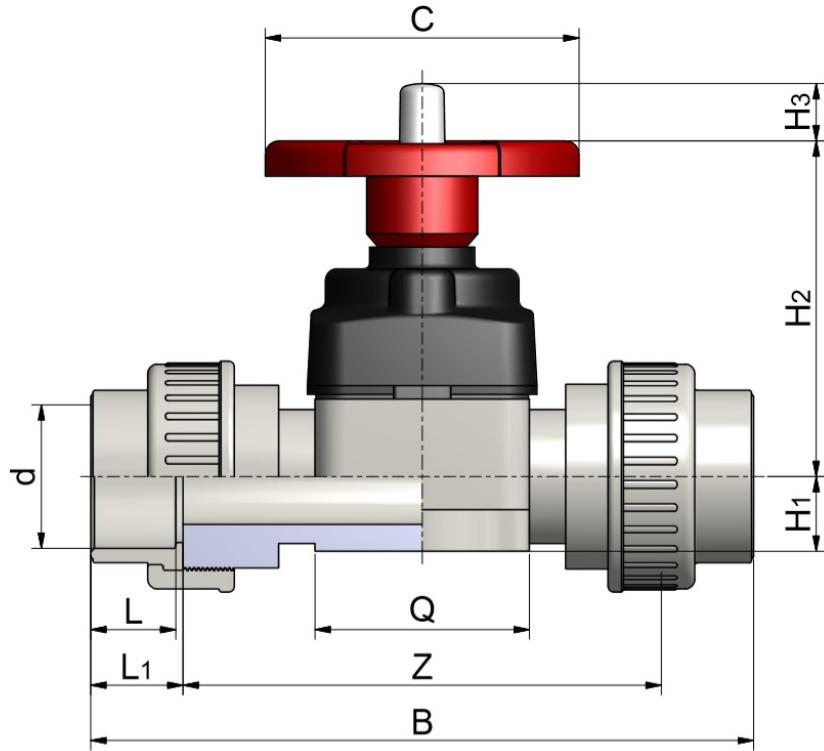
PP-H Valvole a membrana

MANUAL WITH METRIC UNIONS

MANUALE CON MANICOTTI METRICI

Rev. Apr 2020

FN6369



Code	DN	d	L	L1	Z	B	Q	H1	H2	H3	C	PN	Weight (g)
MDHMVD0200.E	15	20	16,5	22,5	142	187	75	21,5	120	13	101	10	940
MDHMVD0250.E	20	25	20	25,5	159,5	210,5	75	21,5	120	13	101	10	1070
MDHMVD0320.E	25	32	23,5	28	172	228	75	21,5	120	13	101	10	1180
MDHMVD0400.E	32	40	27,5	32	197	261	101	32	142	25	139	10	2090
MDHMVD0500.E	40	50	24,5	32	216	280	101	32	142	25	139	10	2280
MDHMVD0630.E	50	63	24,5	34,5	254	323	123	39	175	30	163	10	3700

PP-H Diaphragm valves

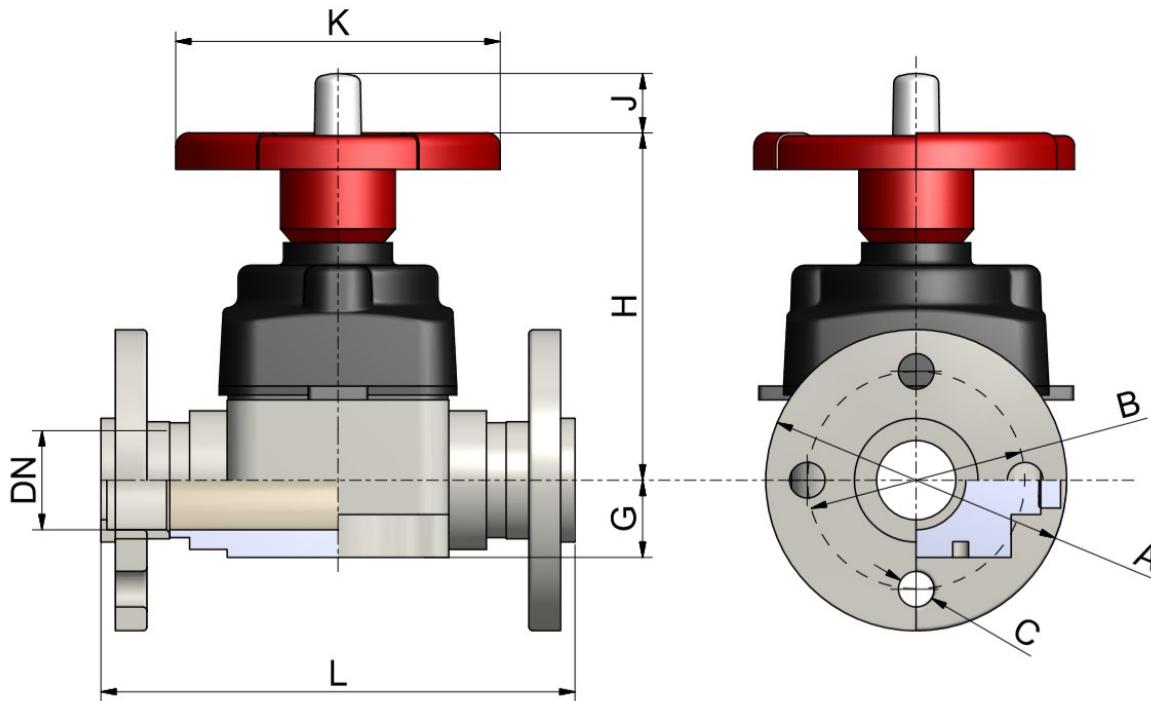
PP-H Valvole a membrana

MANUAL DIN FLANGED

MANUALE FLANGIATA DIN

Rev. Apr 2020

FN6369



Code	DN	d	L	G	H	J	K	A	B	C	PN	Weight (g)
MDHMF0200.E	15	20	131	21,5	120	13	101	95	65	14	10	840
MDHMF0250.E	20	25	150	21,5	120	13	101	105	75	14	10	920
MDHMF0320.E	25	32	161	21,5	120	13	101	115	85	14	10	980
MDHMF0400.E	32	40	181	32	142	25	139	140	100	18	10	1760
MDHMF0500.E	40	50	201	32	142	25	139	150	110	18	10	1850
MDRMVF0630.E	50	63	231	39	175	30	163	165	125	18	10	3090

PP-H Diaphragm valves

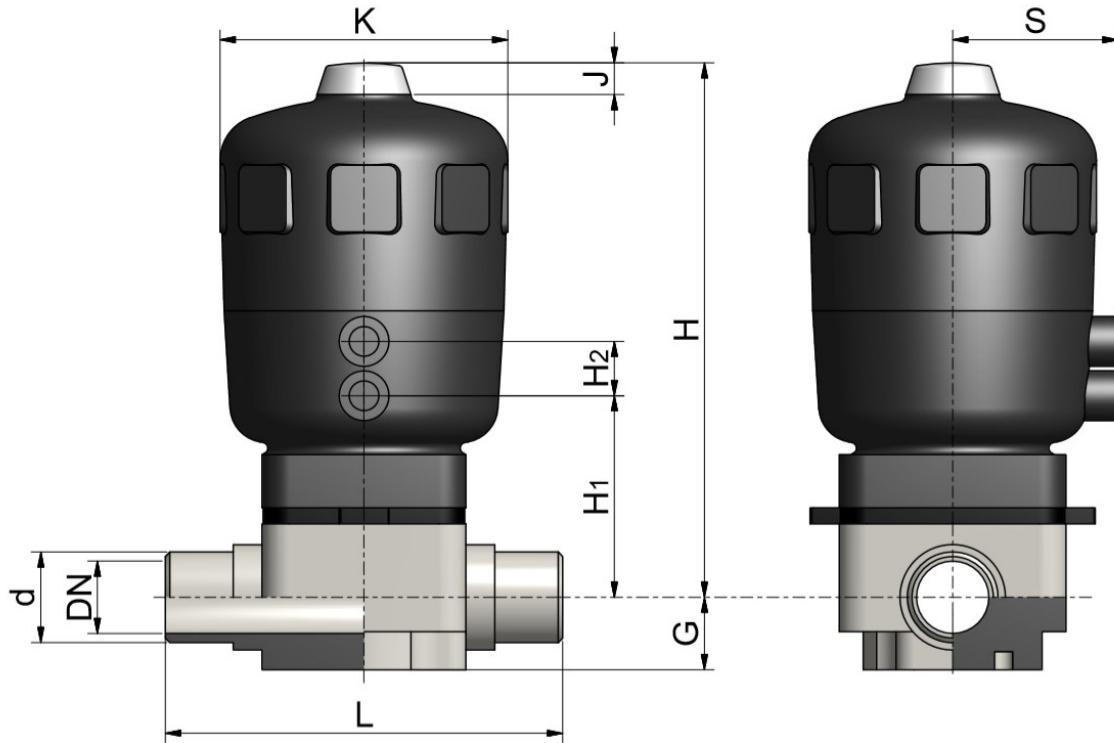
PP-H Valvole a membrana

PNEUMATIC DOUBLE ACTING WITH METRIC SPIGOTS

PNEUMATICA DOPPIO EFFETTO CON MANICOTTI METRICI MASCHIO

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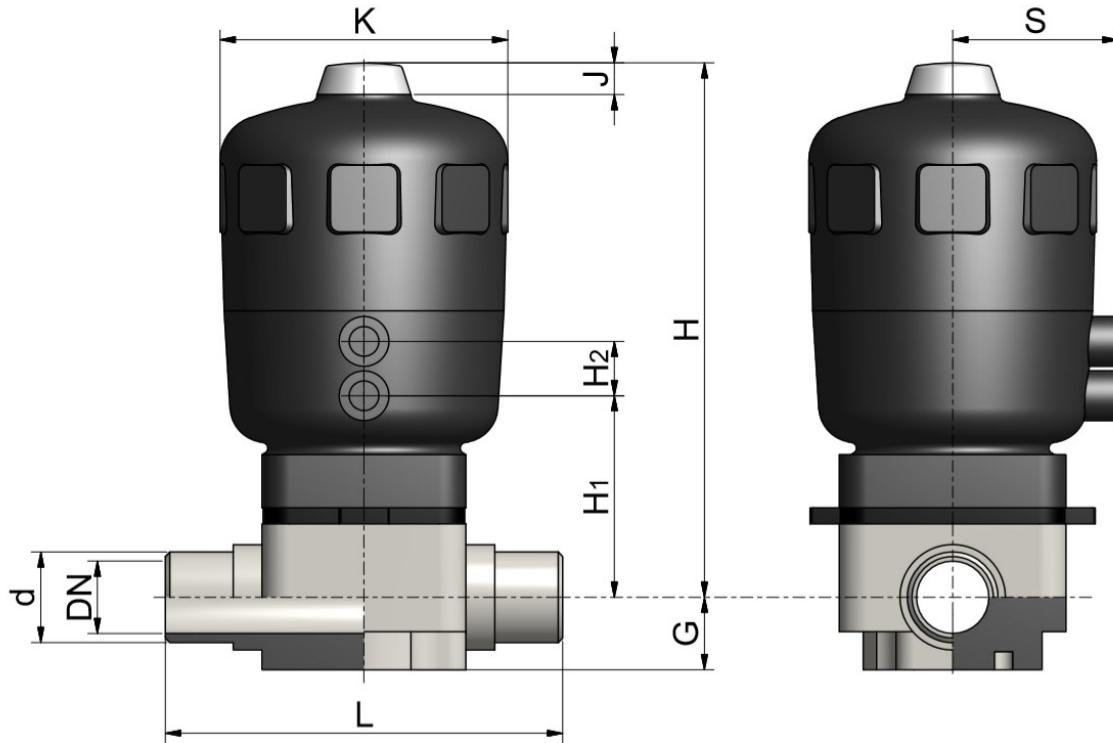
Code	DN	d	L	G	H1	H2	J	K	S	PN	Weight (g)
MDHMP0200.E	15	20	124	21,5	64	24	11	101	60	10	2260
MDHMP0250.E	20	25	144	21,5	64	24	11	101	60	10	2290
MDHMP0320.E	25	32	154	21,5	64	24	11	101	60	10	2300
MDHMP0400.E	32	40	174	32	89	24	14	127	73	10	4500
MDHMP0500.E	40	50	194	32	89	24	14	127	73	10	4560
MDHMP0630.E	50	63	224	39	98	24	14	127	73	10	8300

PP-H Diaphragm valves

PP-H Valvole a membrana

PNEUMATIC SPRING RETURN FAIL TO OPEN WITH METRIC SPIGOTS

PNEUMATICA SEMPLICE EFFETTO NORMALMENTE APERTA CON MANICOTTI METRICI MASCHIO



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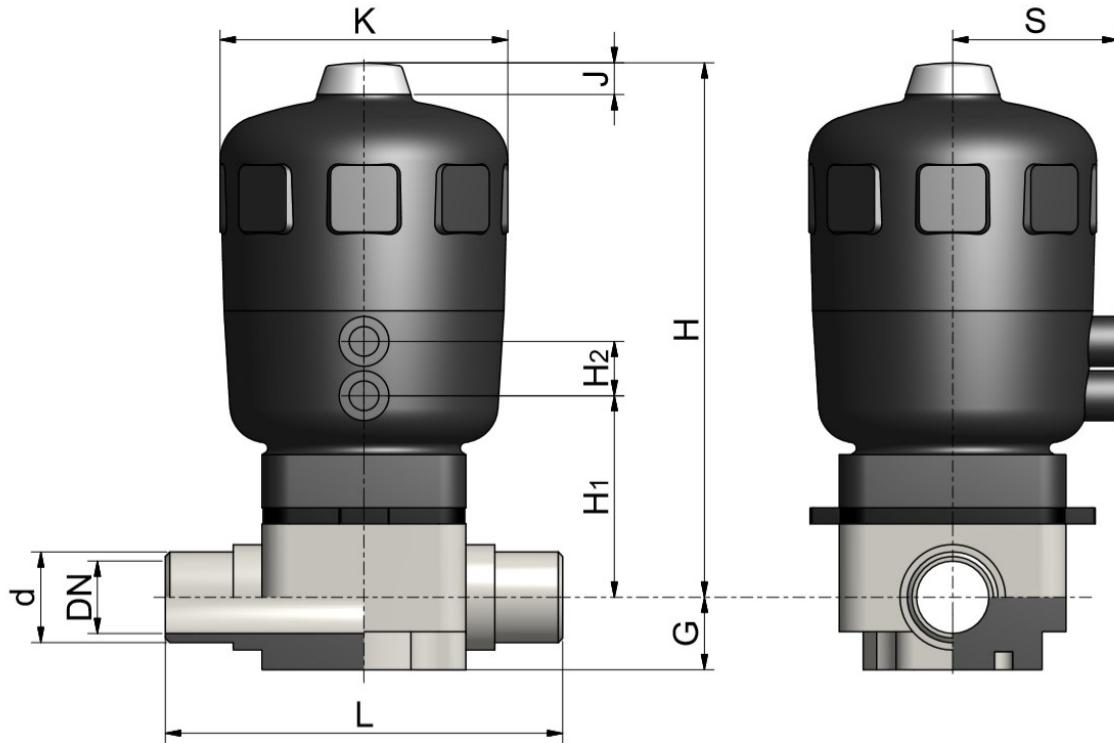
Code	DN	d	L	G	H1	H2	J	K	S	PN	Weight (g)
MDHMP020SA.E	15	20	124	21,5	64	24	11	101	60	10	2260
MDHMP025SA.E	20	25	144	21,5	64	24	11	101	60	10	2290
MDHMP032SA.E	25	32	154	21,5	64	24	11	101	60	10	2300
MDHMP040SA.E	32	40	174	32	89	24	14	127	73	10	4500
MDHMP050SA.E	40	50	194	32	89	24	14	127	73	10	4560
MDHMP063SA.E	50	63	224	39	98	24	14	127	73	10	8300

PP-H Diaphragm valves

PP-H Valvole a membrana

PNEUMATIC SPRING RETURN FAIL TO CLOSE WITH METRIC SPIGOTS

PNEUMATICA SEMPLICE EFFETTO NORMALMENTE CHIUSA CON MANICOTTI METRICI MASCHIO



Rev. Apr
2020
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Code	DN	d	L	G	H1	H2	J	K	S	PN	Weight (g)
MDHMP020SC.E	15	20	124	21,5	64	24	11	101	60	10	2260
MDHMP025SC.E	20	25	144	21,5	64	24	11	101	60	10	2290
MDHMP032SC.E	25	32	154	21,5	64	24	11	101	60	10	2300
MDHMP040SC.E	32	40	174	32	89	24	14	127	73	10	4500
MDHMP050SC.E	40	50	194	32	89	24	14	127	73	10	4560
MDHMP063SC.E	50	63	224	39	105	30	14	153	86	10	5800

PP-H Diaphragm valves

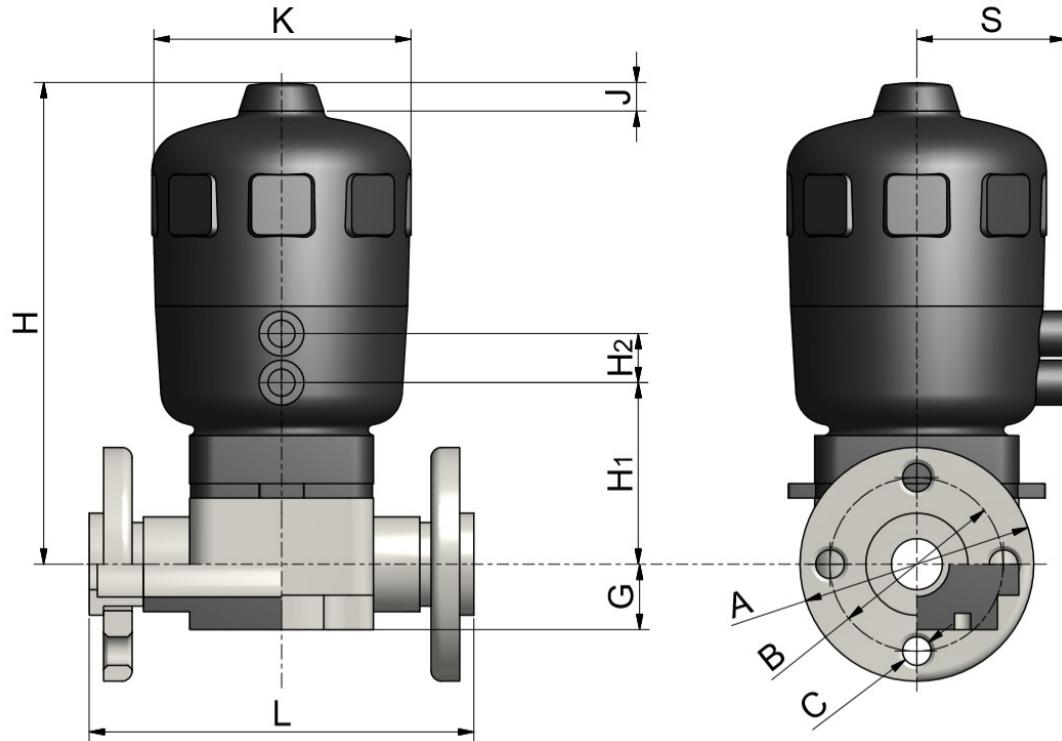
PP-H Valvole a membrana

PNEUMATIC DOUBLE ACTING FLANGED

PNEUMATICA DOPPIO EFFETTO FLANGIATA

Rev. Apr 2020

FN6369



Code	DN	d	L	G	H	H1	H2	J	K	S	A	B	C	PN	Weight (g)
MDHMPF0200.E	15	20	124	21,5	174	64	24	11	101	60	95	65	14	10	1920
MDHMPF0250.E	20	25	144	21,5	174	64	24	11	101	60	105	75	14	10	2040
MDHMPF0320.E	25	32	154	21,5	174	64	24	11	101	60	115	85	14	10	2120
MDHMPF0400.E	32	40	174	32	236	89	24	14	127	73	140	100	18	10	4200
MDHMPF0500.E	40	50	194	32	236	89	24	14	127	73	150	110	18	10	4300
MDHMPF0630.E	50	63	224	39	245	98	24	14	127	73	165	125	18	10	6400

PP-H Diaphragm valves

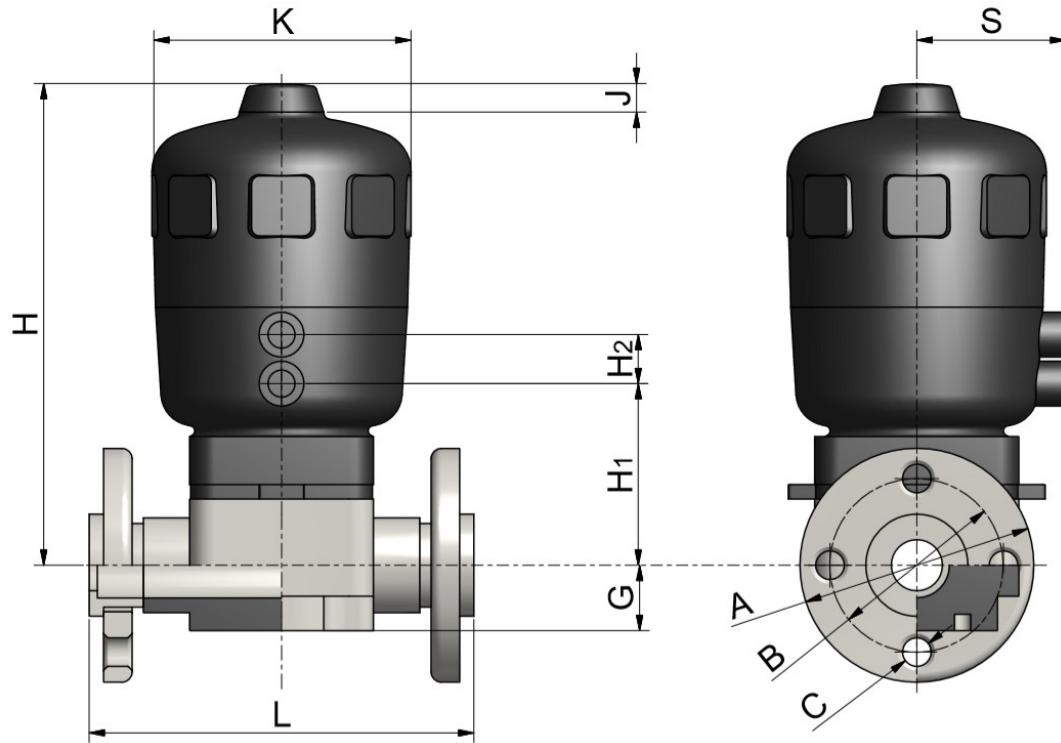
PP-H Valvole a membrana

PNEUMATIC SPRING RETURN FAIL TO CLOSE FLANGED

PNEUMATICA SEMPLICE EFFETTO NORMALMENTE CHIUSA FLANGIATA

Rev. Apr 2020

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Code	DN	d	L	G	H1	H2	J	K	S	A	B	C	PN	Weight (g)
MDHMPSC020SC.E	15	20	124	21,5	64	24	11	101	60	95	65	14	10	1920
MDHMPSC025SC.E	20	25	144	21,5	64	24	11	101	60	105	75	14	10	2040
MDHMPSC032SC.E	25	32	154	21,5	64	24	11	101	60	115	85	14	10	2120
MDHMPSC040SC.E	32	40	174	32	89	24	14	127	73	140	100	18	10	4200
MDHMPSC050SC.E	40	50	194	32	89	24	14	127	73	150	110	18	10	4300
MDHMPSC063SC.E	50	63	224	39	105	30	14	153	86	165	125	18	10	6900

PP-H Diaphragm valves

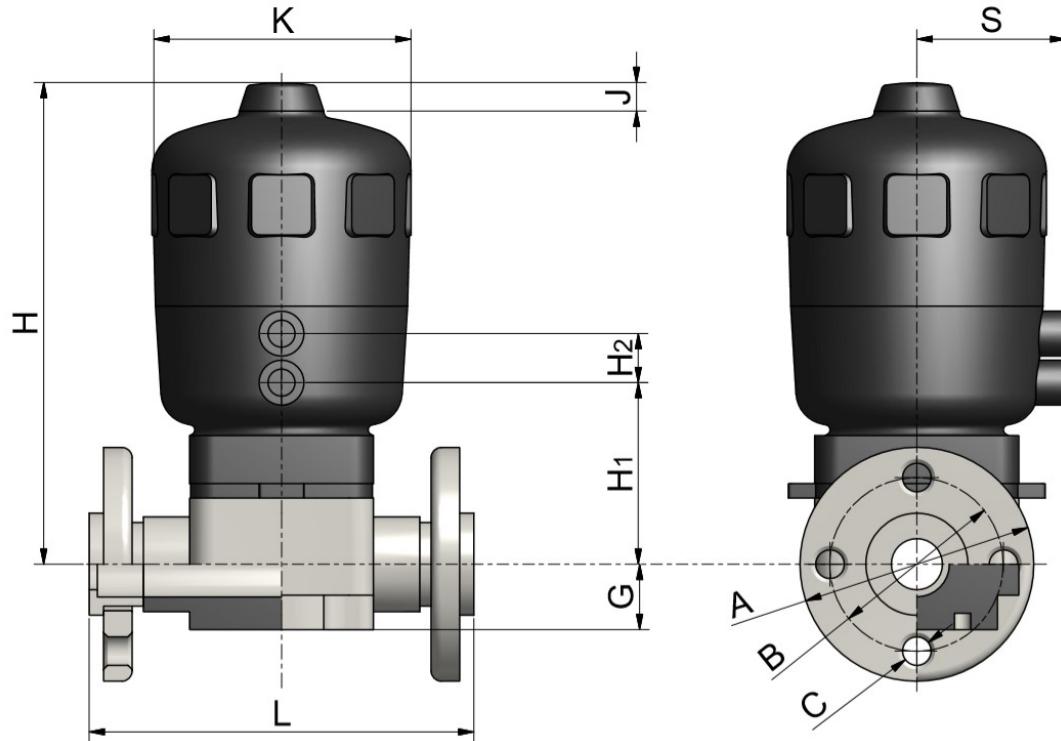
PP-H Valvole a membrana

PNEUMATIC SPRING RETURN FAIL TO OPEN FLANGED

PNEUMATICA SEMPLICE EFFETTO NORMALMENTE APERTA FLANGIATA

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Code	DN	d	L	G	H	H1	H2	J	K	S	A	B	C	PN	Weight (g)
MDHMPF020SA.E	15	20	124	21,5	174	64	24	11	101	60	95	65	14	10	1920
MDHMPF025SA.E	20	25	144	21,5	174	64	24	11	101	60	105	75	14	10	2040
MDHMPF032SA.E	25	32	154	21,5	174	64	24	11	101	60	115	85	14	10	2120
MDHMPF040SA.E	32	40	174	32	236	89	24	14	127	73	140	100	18	10	4200
MDHMPF050SA.E	40	50	194	32	236	89	24	14	127	73	150	110	18	10	4300
MDHMPF063SA.E	50	63	224	39	245	98	24	14	127	73	165	125	18	10	6400

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