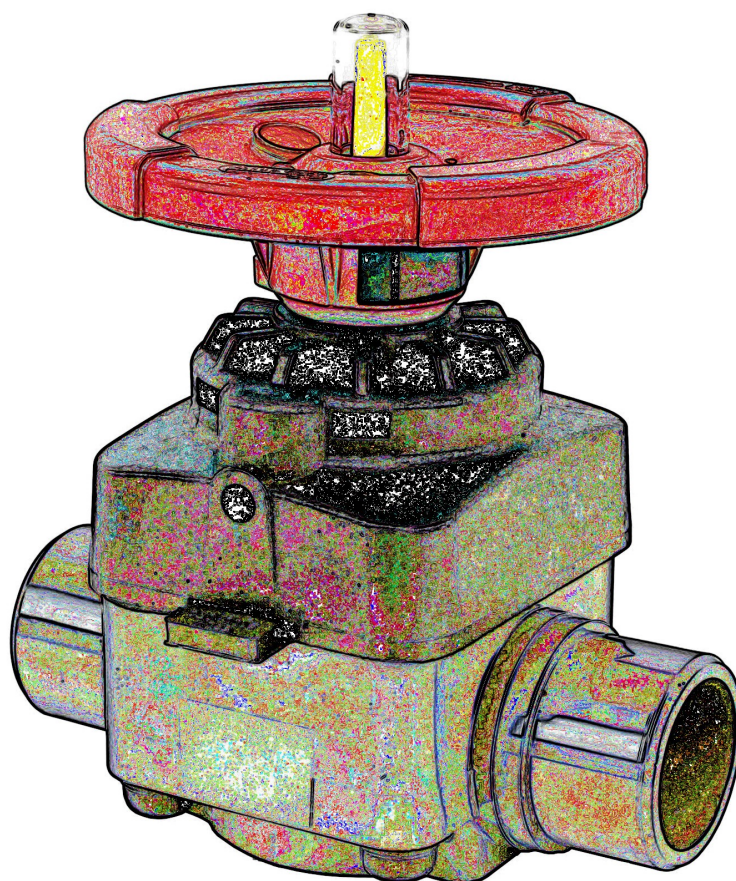




PVC-U Diaphragm valves
PVC-U Valvole a membrana

PVC-U Diaphragm valves

PVC-U Valvole a membrana

Rev. Feb 2021

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

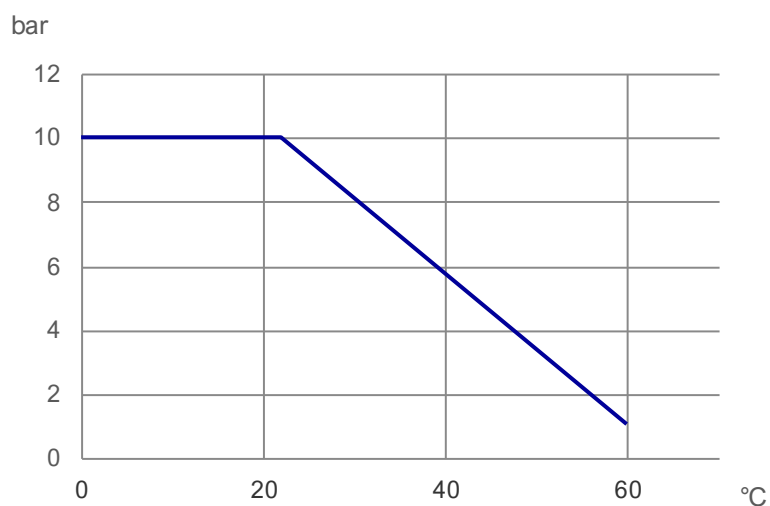
NOMINAL PRESSURE / PRESSIONE NOMINALE	PN 10 (20°C)
DIMENSIONS / DIMENSIONI	DN 15 ÷ DN 50 (d.20 ÷ 63 mm)
VALVE MATERIAL / MATERIALE VALVOLA	PVCu
DIAPHRAGM MATERIAL / MATERIALE MEMBRANA	EPDM, FKM or PTFE coated / EPDM, FKM o rivestita PTFE
TEMPERATURE RANGE / TEMPERATURA	0°C ÷ 60°C
COUPLING STANDARDS / GIUNZIONI	Metric unions, 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

Maximum working pressure / Pressione massima di esercizio



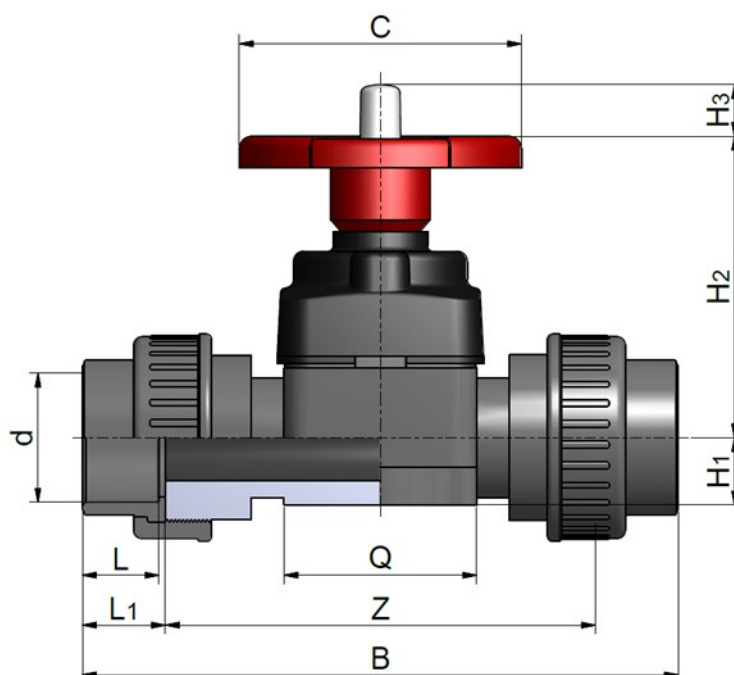
Flow rate coefficient / Coefficiente di flusso

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

PVC-U Diaphragm valves
PVC-U Valvole a membrana

MANUAL WITH METRIC UNIONS
MANUALE CON MANICOTTI METRICI

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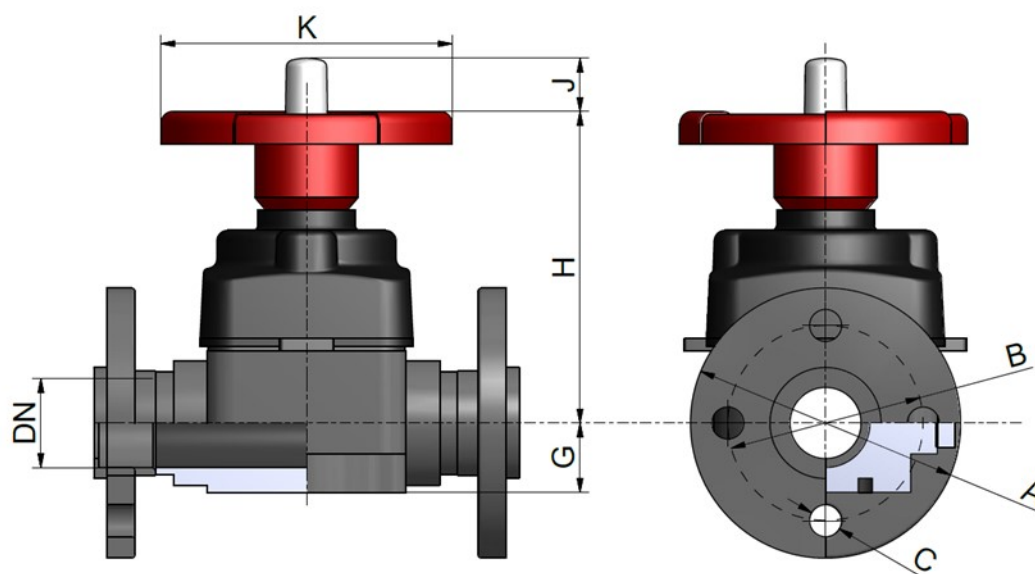


Code	DN	d	L	L1	Z	B	H1	H2	H3	C	Q	PN	Weight (g)
MDRMVD0200.E	15	20	16.5	22.5	142	184	21.5	120	13	101	75	10	850
MDRMVD0250.E	20	25	20	25.5	159.5	208.5	21.5	120	13	101	75	10	870
MDRMVD0320.E	25	32	23.5	28	172	225	21.5	120	13	101	75	10	900
MDRMVD0400.E	32	40	27.5	32	197	259	32	142	25	139	101	10	1800
MDRMVD0500.E	40	50	24.5	32	216	291	32	142	25	139	101	10	1960
MDRMVD0630.E	50	63	24.5	34.5	254	342	39	175	30	163	123	10	2900

PVC-U Diaphragm valves
PVC-U Valvole a membrana

MANUAL FLANGED
MANUALE FLANGIATA

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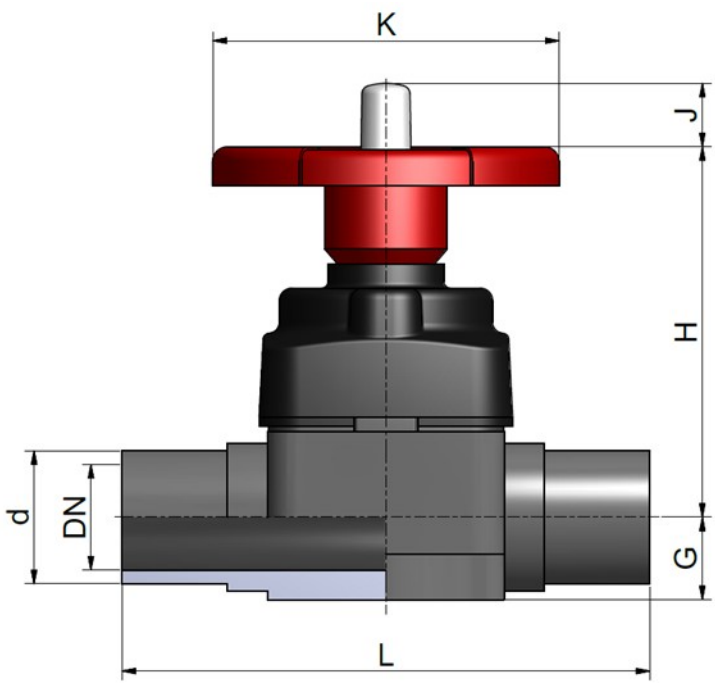


Code	DN	d	G	H	J	K	A	B	C	PN	Weight (g)
MDRMVF0200.E	15	20	21,5	120	13	101	95	65	14	10	1020
MDRMVF0250.E	20	25	21,5	120	13	101	105	75	14	10	1140
MDRMVF0320.E	25	32	21,5	120	13	101	115	85	14	10	1220
MDRMVF0400.E	32	40	32	142	25	139	140	100	18	10	2200
MDRMVF0500.E	40	50	32	142	25	139	150	110	18	10	2300
MDRMVF0630.E	50	63	32	142	30	163	165	125	18	10	3900

PVC-U Diaphragm valves
PVC-U Valvole a membrana

MANUAL WITH METRIC SPIGOTS
MANUALE CON MANICOTTI METRICI MASCHIO

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Code	DN	d	L	G	H	J	K	PN	Weight (g)
MDRMVS0200.E	15	20	124	21,5	120	13	101	10	760
MDRMVS0250.E	20	25	144	21,5	120	13	101	10	790
MDRMVS0320.E	25	32	154	21,5	120	13	101	10	800
MDRMVS0400.E	32	40	174	32	142	25	139	10	1500
MDRMVS0500.E	40	50	194	32	142	25	139	10	1560
MDRMVS0630.E	50	63	224	39	175	30	163	10	2800

PVC-U Diaphragm valves

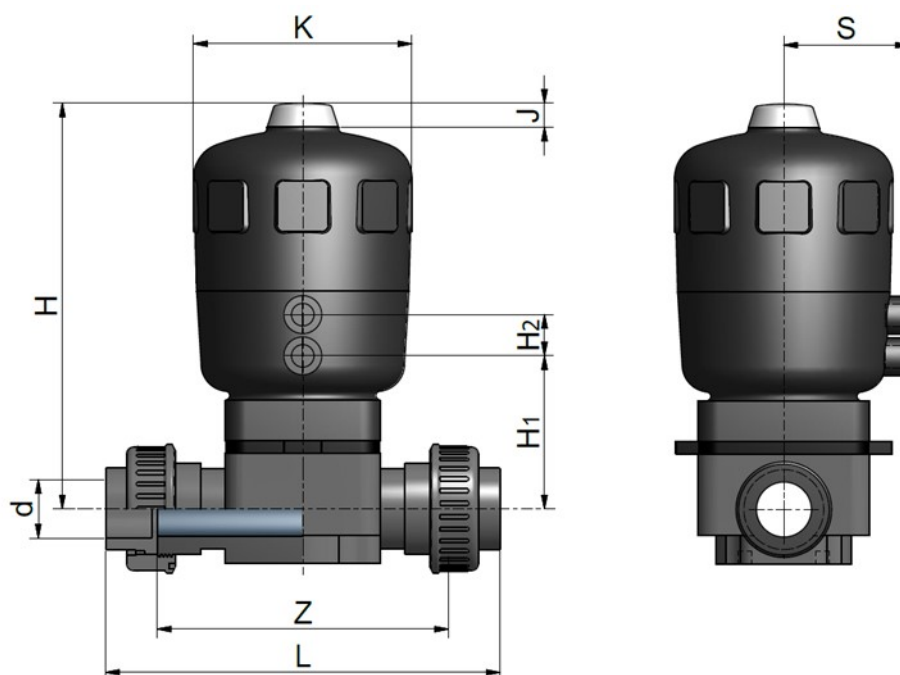
PVC-U Valvole a membrana

PNEUMATIC DOUBLE ACTING WITH METRIC UNIONS

PNEUMATICA DOPPIO EFFETTO CON MANICOTTI METRICI

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Code	DN	d	L	Z	H	H1	H2	J	K	S	PN	Weight (g)
MDRMPD0200.E	15	20	184	142	174	64	24	11	101	60	10	900
MDRMPD0250.E	20	25	209	159,2	174	64	24	11	101	60	10	900
MDRMPD0320.E	25	32	225	172	174	64	24	11	101	60	10	900
MDRMPD0400.E	32	40	259	197	236	89	24	14	127	73	10	2000
MDRMPD0500.E	40	50	291	216	236	89	24	14	127	73	10	2000
MDRMPD0630.E	50	63	342	254	245	98	24	14	127	73	10	2500

PVC-U Diaphragm valves

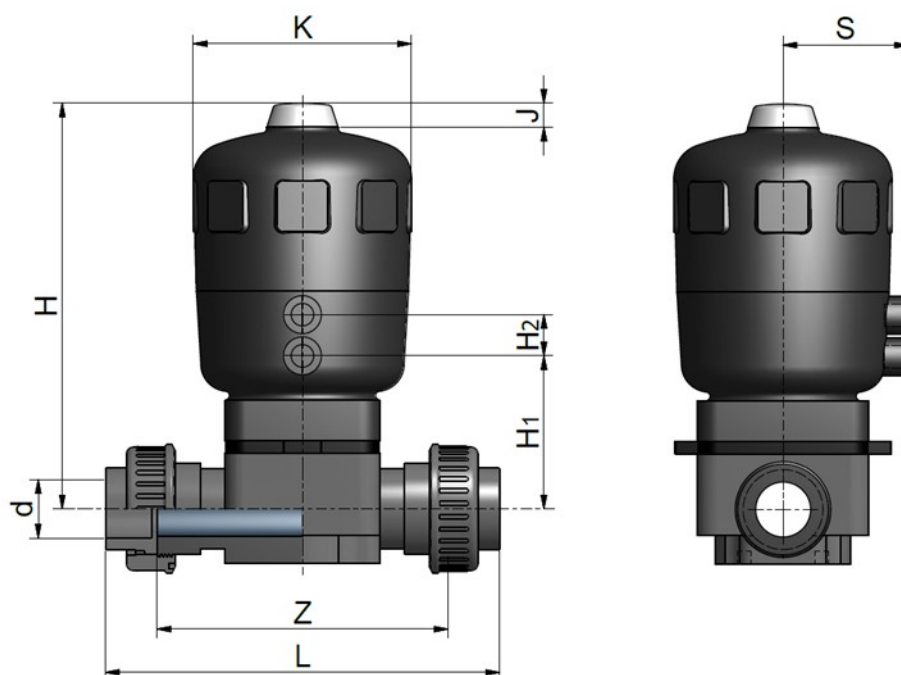
PVC-U Valvole a membrana

PNEUMATIC SPRING RETURN FAIL TO OPEN WITH METRIC UNIONS

PNEUMATICA SEMPLICE EFFETTO NORMALMENTE APERTA CON MANICOTTI METRICI

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Code	DN	d	L	Z	H	H1	H2	J	K	S	PN	Weight (g)
MDRMPD020SA.E	15	20	184	142	174	64	24	11	101	60	10	900
MDRMPD025SA.E	20	25	209	159,2	174	64	24	11	101	60	10	900
MDRMPD032SA.E	25	32	225	172	174	64	24	11	101	60	10	900
MDRMPD040SA.E	32	40	259	197	236	89	24	14	127	73	10	2000
MDRMPD050SA.E	40	50	291	216	236	89	24	14	127	73	10	2000
MDRMPD063SA.E	50	63	342	254	245	98	24	14	127	73	10	2500

PVC-U Diaphragm valves

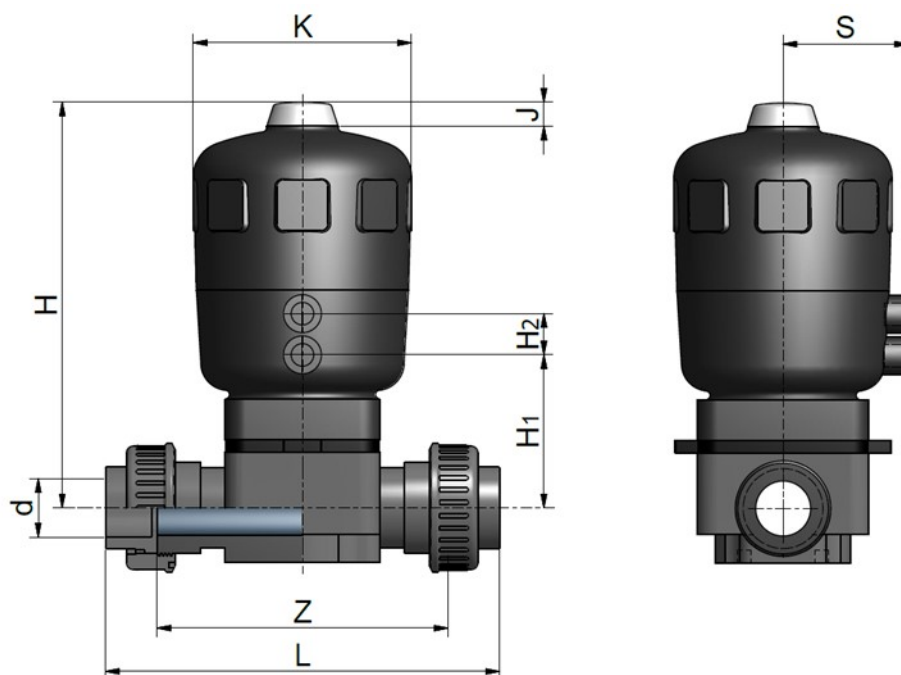
PVC-U Valvole a membrana

PNEUMATIC SPRING RETURN FAIL TO CLOSE WITH METRIC UNIONS

PNEUMATICA SEMPLICE EFFETTO NORMALMENTE CHIUSA CON MANICOTTI METRICI

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Code	DN	d	L	Z	H	H1	H2	J	K	S	PN	Weight (g)
MDRMPD020SC.E	15	20	184	142	174	64	24	11	101	60	10	1500
MDRMPD025SC.E	20	25	209	159,2	174	64	24	11	101	60	10	1500
MDRMPD032SC.E	25	32	225	172	174	64	24	11	101	60	10	1500
MDRMPD040SC.E	32	40	259	197	236	89	24	14	127	73	10	3000
MDRMPD050SC.E	40	50	291	216	236	89	24	14	127	73	10	3000
MDRMPD063SC.E	50	63	342	254	283	105	30	14	153	86	10	3500

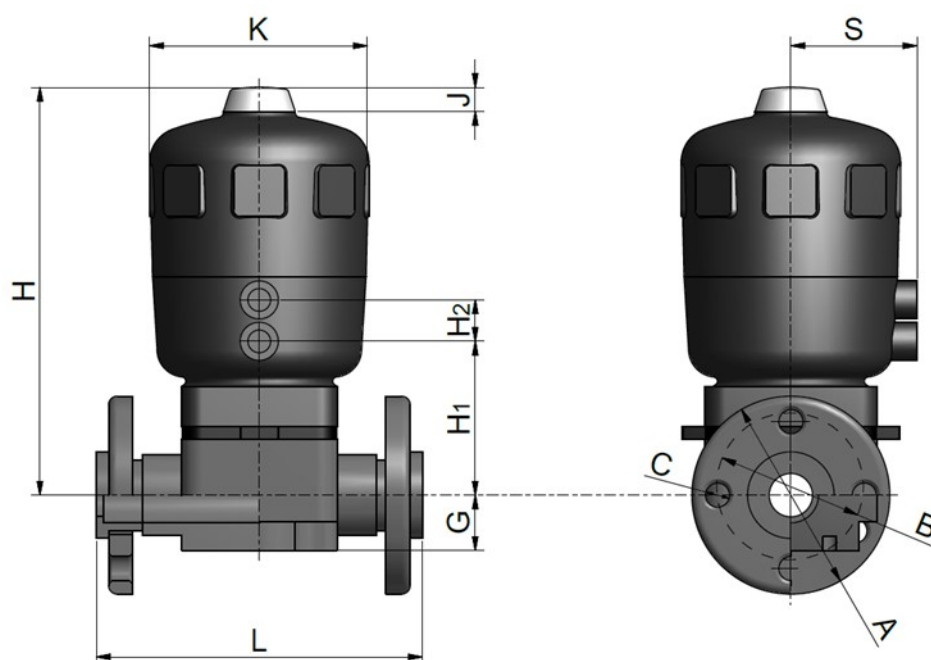
PVC-U Diaphragm valves

PVC-U Valvole a membrana

PNEUMATIC DOUBLE ACTING EN/ISO/DIN FLANGED
PNEUMATICA DOPPIO EFFETTO FLANGIATA EN/ISO/DIN

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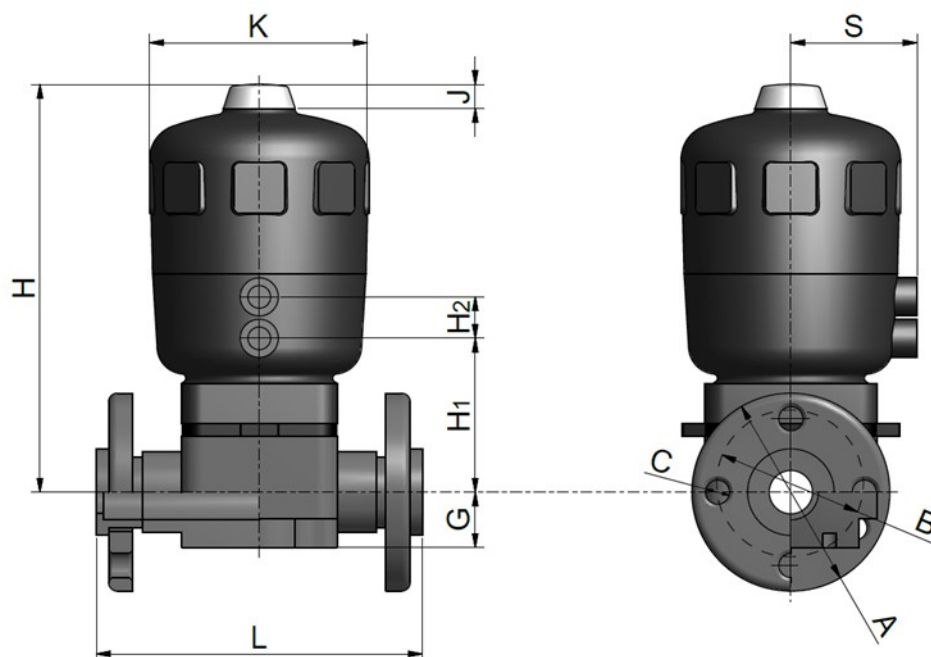


Code	DN	d	L	H	H1	H2	G	J	K	S	A	B	C	PN	Weight (g)
MDRMPF0200.E	15	20	131	174	64	24	21,5	11	101	60	95	65	14	10	1920
MDRMPF0200.E	20	25	151	174	64	24	21,5	11	101	60	105	75	14	10	2040
MDRMPF0320.E	25	32	162	174	64	24	21,5	11	101	60	115	85	14	10	2120
MDRMPF0400.E	32	40	181	236	89	24	32	14	127	73	140	100	18	10	4200
MDRMPF0500.E	40	50	201	236	89	24	32	14	127	73	150	110	18	10	4300
MDRMPF0630.E	50	63	232	245	98	24	39	14	127	73	165	125	18	10	6400

PVC-U Diaphragm valves
PVC-U Valvole a membrana

PNEUMATIC SPRING RETURN FAIL TO OPEN EN/ISO/DIN FLANGED
PNEUMATICA SEMPLICE EFFETTO NORMALMENTE APERTA FLANGIATA EN/ISO/DIN

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Code	DN	d	L	H	H1	H2	G	J	K	S	A	B	C	PN	Weight (g)
MDRMPF020SA.E	15	20	131	174	64	24	21,5	11	101	60	95	65	14	10	1920
MDRMPF020SA.E	20	25	151	174	64	24	21,5	11	101	60	105	75	14	10	2040
MDRMPF032SA.E	25	32	162	174	64	24	21,5	11	101	60	115	85	14	10	2120
MDRMPF040SA.E	32	40	181	236	89	24	32	14	127	73	140	100	18	10	4200
MDRMPF050SA.E	40	50	201	236	89	24	32	14	127	73	150	110	18	10	4300
MDRMPF063SA.E	50	63	232	245	98	24	39	14	127	73	165	125	18	10	6400

PVC-U Diaphragm valves

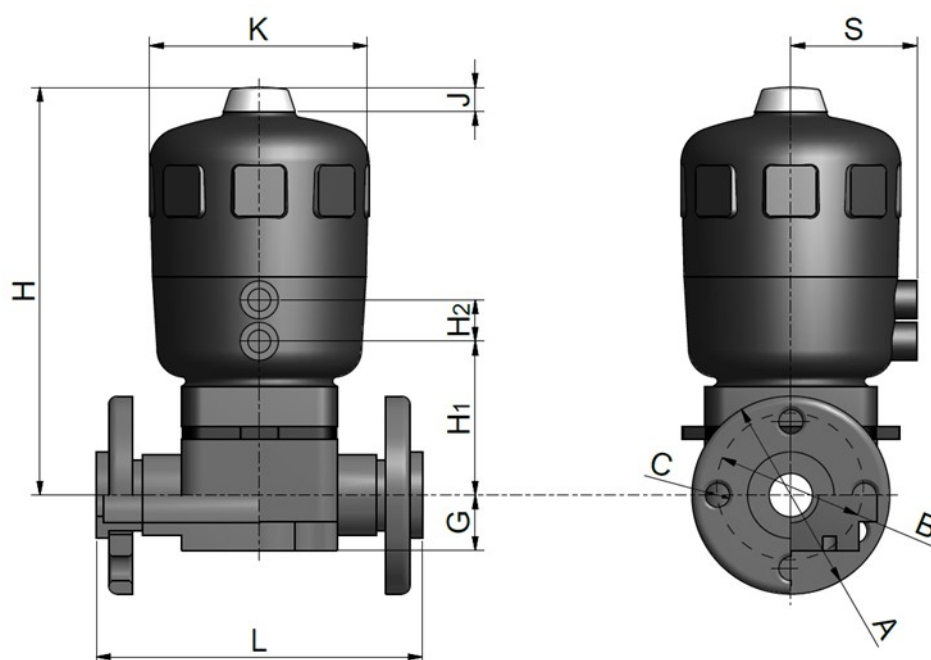
PVC-U Valvole a membrana

PNEUMATIC SPRING RETURN FAIL TO CLOSE EN/ISO/DIN FLANGED

PNEUMATICA SEMPLICE EFFETTO NORMALMENTE CHIUSA FLANGIATA EN/ISO/DIN

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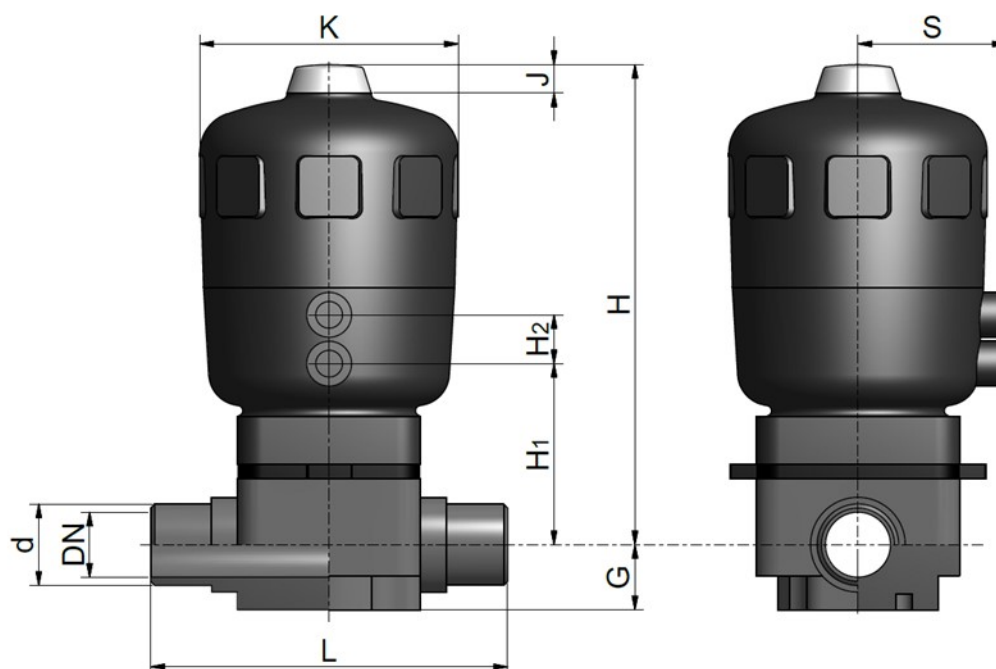


Code	DN	d	L	H	H1	H2	G	J	K	S	A	B	C	PN	Weight (g)
MDRMPF020SC.E	15	20	131	174	64	24	21,5	11	101	60	95	65	14	10	2520
MDRMPF025SC.E	20	25	151	174	64	24	21,5	11	101	60	105	75	14	10	2640
MDRMPF032SC.E	25	32	162	174	64	24	21,5	11	101	60	115	85	14	10	2720
MDRMPF040SC.E	32	40	181	236	89	24	32	14	127	73	140	100	18	10	5200
MDRMPF050SC.E	40	50	201	236	89	24	32	14	127	73	150	110	18	10	5300
MDRMPF063SC.E	50	63	232	283	105	30	39	14	153	86	165	125	18	10	6900

PVC-U Diaphragm valves
PVC-U Valvole a membrana

PNEUMATIC DOUBLE ACTING WITH METRIC SPIGOTS
PNEUMATICA DOPPIO EFFETTO CON MANICOTTI METRICI MASCHIO

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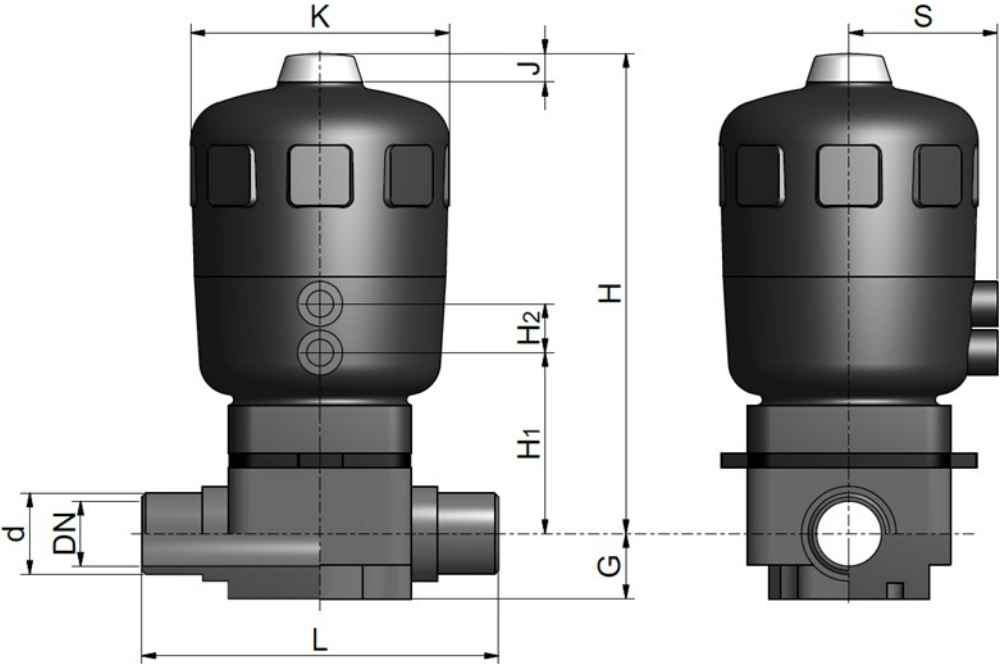


Code	DN	d	L	H	H1	H2	G	J	K	S	PN	Weight (g)
MDRMPS0200.E	15	20	124	174	64	24	21,5	11	101	60	10	2260
MDRMPS0250.E	20	25	144	174	64	24	21,5	11	101	60	10	2290
MDRMPS0320.E	25	32	154	174	64	24	21,5	11	101	60	10	2300
MDRMPS0400.E	32	40	174	236	89	24	32	14	127	73	10	4500
MDRMPS0500.E	40	50	194	236	89	24	32	14	127	73	10	4560
MDRMPS0630.E	50	63	224	245	98	24	39	14	153	86	10	8300

PVC-U Diaphragm valves
PVC-U 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	H	H1	H2	G	J	K	S	PN	Weight (g)
MDRMPS020SA.E	15	20	124	174	64	24	21,5	11	101	60	10	2260
MDRMPS025SA.E	20	25	144	174	64	24	21,5	11	101	60	10	2290
MDRMPS032SA.E	25	32	154	174	64	24	21,5	11	101	60	10	2300
MDRMPS040SA.E	32	40	174	236	89	24	32	14	127	73	10	4500
MDRMPS050SA.E	40	50	194	236	89	24	32	14	127	73	10	4560
MDRMPS063SA.E	50	63	224	245	98	24	39	14	153	86	10	8300

PVC-U Diaphragm valves

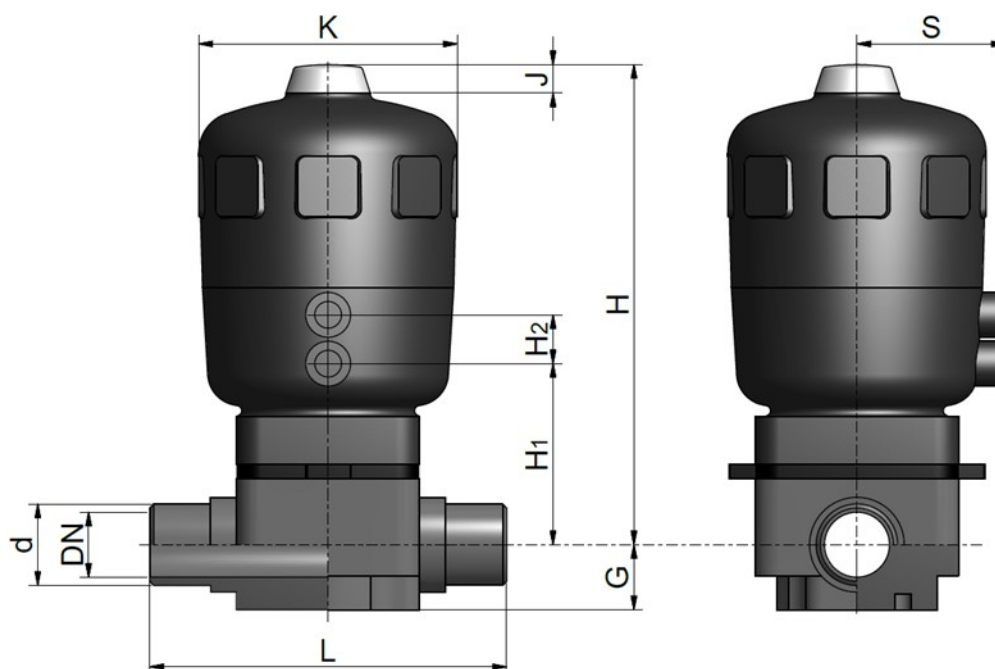
PVC-U Valvole a membrana

PNEUMATIC SPRING RETURN FAIL TO CLOSE WITH METRIC SPIGOTS

PNEUMATICA SEMPLICE EFFETTO NORMALMENTE CHIUSA CON MANICOTTI METRICI MASCHIO

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Code	DN	d	L	H	H1	H2	G	J	K	S	PN	Weight (g)
MDRMPS020SC.E	15	20	124	174	64	24	21,5	11	101	60	10	2260
MDRMPS025SC.E	20	25	144	174	64	24	21,5	11	101	60	10	2290
MDRMPS032SC.E	25	32	154	174	64	24	21,5	11	101	60	10	2300
MDRMPS040SC.E	32	40	174	236	89	24	32	14	127	73	10	4500
MDRMPS050SC.E	40	50	194	236	89	24	32	14	127	73	10	4560
MDRMPS063SC.E	50	63	224	283	105	30	39	14	153	86	10	5800

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