



MD-P Series

Pilot-operated Type

N.C.

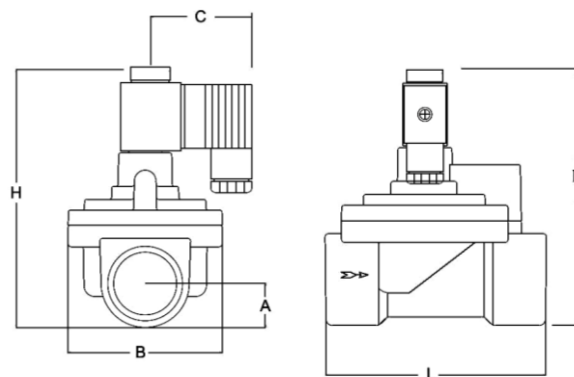
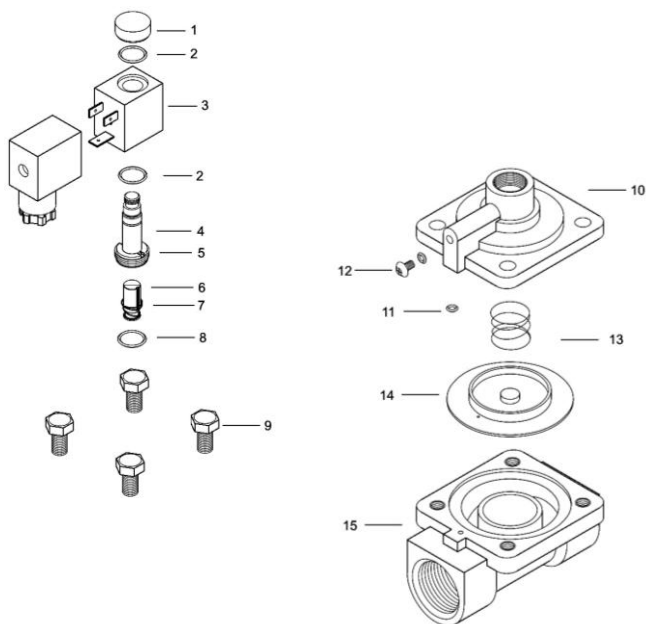
- Pilot operated diaphragm solenoid valve, featuring high flow capacity and low power consumption (only 5.2 watts).
- Suitable for Air, Inert gases, Water, Kerosene oil, Light oil (Below 50 cst).
- Operating pressure range from 0.3 kgf/cm² ~ 16 kgf/cm², quick acting, durable usage.

Water

Air

Gas

Oil



Main Parts List

NO.	Descriptions	Material	NO.	Descriptions	Material
1.	Nut	Aluminum	9.	Bolt	SUS304
2.	O ring	NBR	10.	Valve bonnet	BSBF
3.	IP 65 Molding coil		11.	O ring	NBR EPDM Viton
4.	Plunger's Tube	SS304, KM-31	12.	Screw	SUS304
5.	Plunger's Tube Nut	Zn	13.	Diaphragm spring	SUS304
6.	Plunger	KM-31	14.	Diaphragm	NBR EPDM Viton
7.	Plunger spring	SUS304	15.	Valve body	BSBF
8.	O ring	NBR EPDM Viton			

Common Specification

Item	Description
Fluid	Water, Air, Gas, Oil
Fluid Temperature	-5 ~ 90°C
Power Source	AC 24, 110, 220, 380V 50/60Hz DC 12, 24V
Power Consumption	5W
Fluid Viscosity	< 50 cst
Installation	Vertical / Horizontal
Operation	Normally Closed
Coil type	Waterproof: IP65

Model Type

MD - P ☐ ☐ WAG - EP - M10 - L

Series

N/A : None L : LED (only for M10)

Coil · N/A : Iron case · M10 : Waterproof

Diaphragm · N/A : NBR · EP : EPDM · V : VITON

Media · W : Water · A : Oil · G : Gas

Size · 10 (3/8") · 15 (1/2") · 20 (3/4") · 25 (1")

Valve Specification

Model	Connection	Orifice (mm)	Cv Value	Operating Pressure (kgf/cm ²)			Dimension (mm)				
				Air, Gas	Water	Oil (< 50cst)	L	H	B	A	C
MD-P10WAG-M10	PT 3/8"	16	4.5	0.3-16	0.5-16	0.5-12	80	98	15	52	50
MD-P15WAG-M10	PT 1/2"	16	4.5				80	98	15	52	
MD-P20WAG-M10	PT 3/4"	23	7.6				90	108	17.5	62	
MD-P25WAG-M10	PT 1"	28	9.6				100	118	23	72	