



MK (M17) Series

Semi Direct-acting Type

N.C.

- Suitable for steam, air, vacuum, inert gases, water, and oil (Below 50 cst).
- Semi-direct acting solenoid valve, wide operating pressure range from 10 Torr to 10 kgf/cm², fast response, long life constructive device.
- Can be mounted in horizontal position or horizontal $\pm 15^\circ$ is allowed.
- Fluid temperature from -10 °C (non-freezing) to 180 °C.
- Valve seat : non-leakage

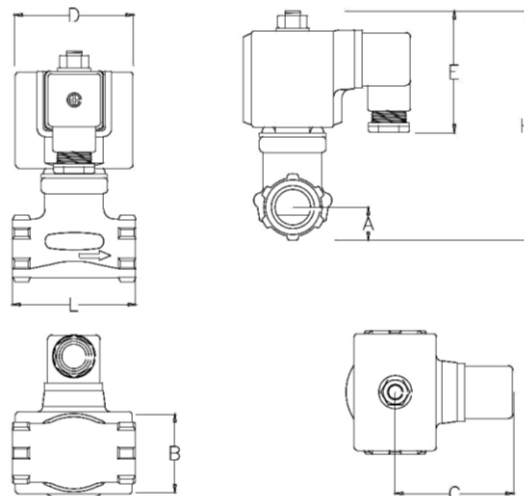
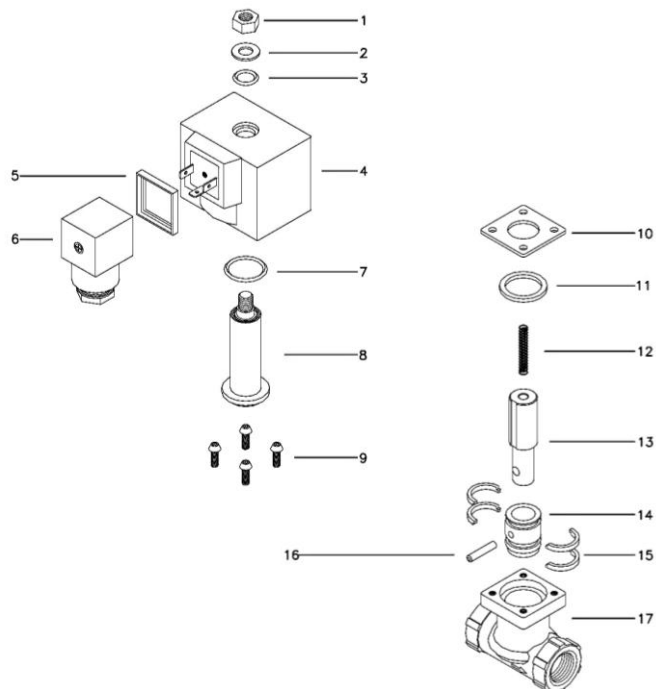
Steam

Water

Air

Gas

Oil



Main Parts List

NO.	Descriptions	Material	NO.	Descriptions	Material
1.	Hexagon Nut	BSBM	10.	Plate	SPC
2.	Washer	SPC	11.	Packing	TEFLON
3.	O ring	NBR	12.	Plunger spring	SUS304
4.	Bobbin sleeve	SPC	13.	Plunger	KM-31
5.	H Class IP65 molding solenoid coil		14.	Main valve	BC 6
6.	Terminal box		15.	Piston ring	TEFLON
7.	O ring	NBR	16.	Sleeve pin	SUS 303L
8.	Plunger tube unit	SUS304, KM-31	17.	Valve body	BC 6
9.	Bolt	SUS304			

Common Specification

Item	Description
Fluid	Steam, Water, Air, Gas, Oil
Fluid Temperature	-10 ~ 180°C
Power Source	AC 24, 110, 220, 380V 50/60Hz DC 12, 24V
Insulation Class	H Class = Max. 180°C
Power Consumption	26 VA
Fluid Viscosity	< 50 cst
Installation	Vertical
Operation	Normally Closed
Coil type	Waterproof : IP65

Model Type

M K - S - M17

Series 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)						
				Steam	Water	Oil (< 50cst)	L	H	A	B	C	D	E
MK-15S-M17	PT 1/2"	14	3.0	0 - 10	0 - 8	0 - 7	63	120	17	30	65	60	60
MK-20S-M17	PT 3/4"	19	4.9				74	128	19	33			
MK-25S-M17	PT 1"	25	6.2				88	133	24	41			