



MK 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.

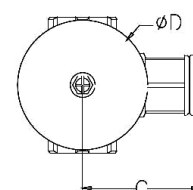
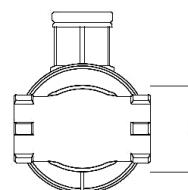
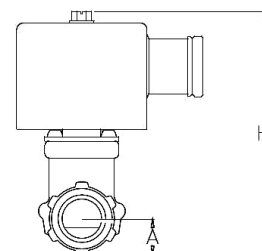
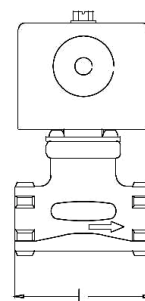
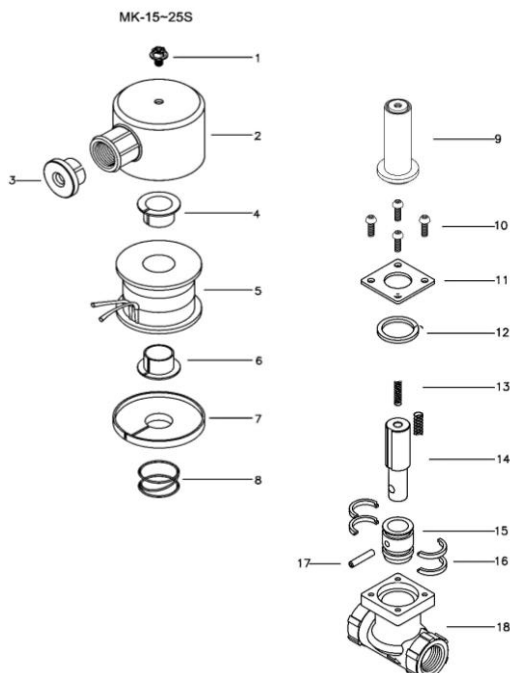
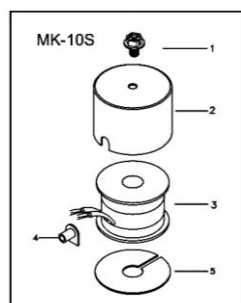
Steam

Water

Air

Gas

Oil



Main Parts List

NO.	Descriptions	Material	NO.	Descriptions	Material
1.	Hexagon	SWRM	10.	Bolt	SUS304
2.	Coil bonnet	SPC	11.	Plate	SPC
3.	Lead cap	ABS	12.	Packing	TEFLON
4.	Bobbin sleeve	SPC	13.	Plunger spring	SUS304
5.	Solenoid coil	H Class	14.	Plunger	KM-31
6.	Bobbin sleeve	SPC	15.	Main valve	BC 6
7.	Spacer	SPC	16.	Piston ring	TEFLON
8.	Coil spring	SWP2	17.	Sleeve pin	SUS 303L
9.	Plunger tube unit	SUS304, KM-31	18.	Valve body	BC 6

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 (22 VA for MK-10S)
Fluid Viscosity	< 50 cst
Installation	Vertical
Operation	Normally Closed
Coil type	Iron case : IP54

Model Type

M K - S

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)						Weight (g)
				Steam	Water	Oil (< 50cst)	L	H	A	B	C	ØD	
MK-10S	PT 3/8"	10	1.3	0 - 10	0 - 8	0 - 7	53	90	13	24	56	50	800
MK-15S	PT 1/2"	14	3.0				63	114	17	30		62	950
MK-20S	PT 3/4"	19	4.9				74	122	19	33			1200
MK-25S	PT 1"	25	6.2				88	127	24	41			1470