



MA-C BFE Series

Pilot-operated Type

N.O.

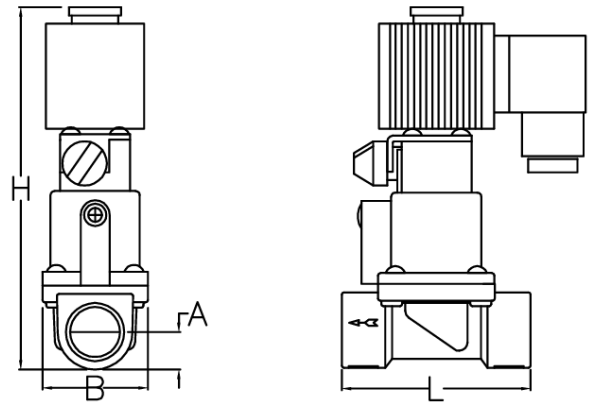
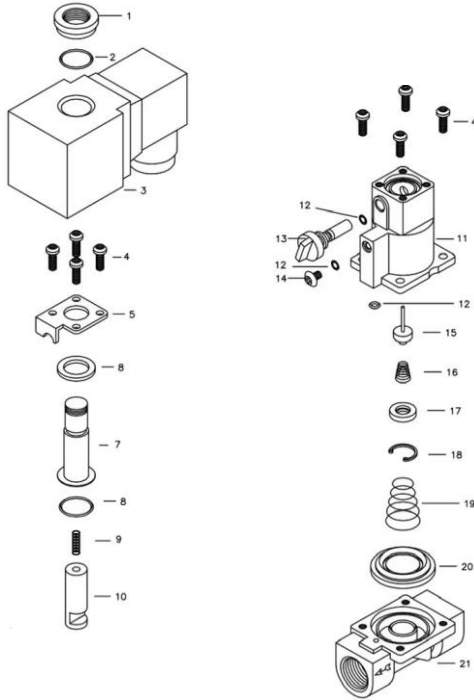
- Solenoid valve with manual knob, allowing valve operation during power outages.
- Diaphragm-type solenoid valve with high flow capacity.
- Suitable for various fluids such as air, inert gases, water, kerosene, and oil (below 50 cst).

Water

Air

Gas

Oil



Main Parts List

NO.	Descriptions	Material	NO.	Descriptions	Material
1.	Nut	Aluminum	12.	O ring	NBR
2.	O ring	NBR	13.	Manual button	AMC
3.	IP 65 Molding coil		14.	Bolt	SUS304
4.	Bolt	SS304	15.	Pilot pin	SUS304, VITON
5.	Plate	SPC	16.	Spring	SUS304
6.	Washer	SPC	17.	Spring seat	BSBF
7.	Plunger tube unit	SUS304, KM-31	18.	C-clip	SUS304
8.	O ring	NBR	19.	Spring	SUS304
9.	Plunger spring	SUS304	20.	Diaphragm a'ssy	NBR or EPDM or Viton
10.	Plunger	KM-31	21.	Valve body	BSBF
11.	Valve bonnet	BSBF			

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	DC : 21W AC : 20 VA
Fluid Viscosity	< 50 cst
Installation	Vertical / Horizontal
Operation	Normally Open
Coil type	Waterproof : IP65

Model Type

MA - ☐ ☐ CBFE - EP - M13 - L

Series

N/A : None L : LED (only for M13)

Coil · N/A : Iron case · M13 : Waterproof

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

Size · 10 (3/8") · 15 (1/2")

Valve Specification

Model	Connection	Orifice (mm)	Cv Value	Operating Pressure (kgf/cm ²)	Dimension (mm)				Weight (g)
					L	H	B	A	
MA-10CBFE-M13	PT 3/8"	12	2.6	0.1 - 10	69	131	38	13.5	830
MA-15CBFE-M13	PT 1/2"								