



BMT(F)-C Series

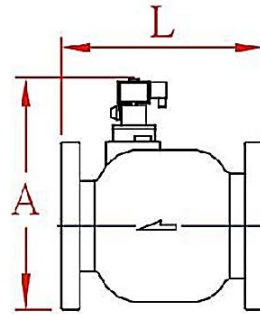
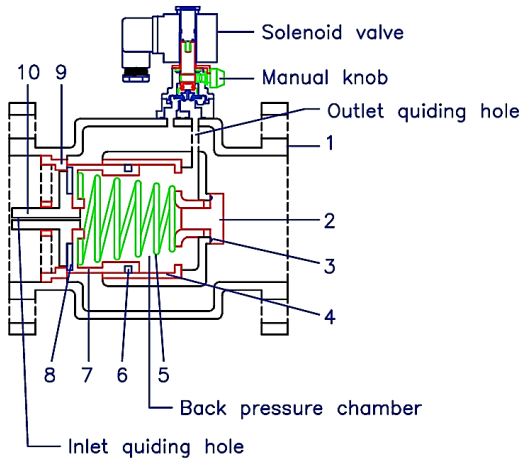
Pilot-operated Type

N.O.

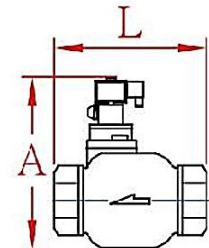
High Flow Rate Solenoid Valve - With Manual Override

- Suitable for general clean water fluids.
- Pilot-operated solenoid valve with manual switch, allowing valve operation during power outages.
- This model requires a minimum working pressure differential of 1.0 kgf/cm².

Water



Flange(BMF)



Threaded(BMT)

Main Parts List

NO.	Descriptions	Material			
1.	Main Body	Cast Iron	Ductile Iron	Bronze	SCS 304
2.	Cylinder Bolt	Cast Iron	Ductile Iron	Brass	SCS 304
3.	O ring	NBR			
4.	Cylinder	Bronze			SCS 304
5.	Spring	SUS304			
6.	U ring	NBR			
7.	Piston	Bronze			SCS 304
8.	Sealing	NBR			
9.	Seat	Bronze			SCS 304
10.	Shaft	Bronze			SCS 304
11.	Solenoid valve	Assembly (Body BSBF)			

Common Specification

Item	Description
Fluid	Water
Fluid Temperature	-15 ~ 80°C
Power Source	AC 24, 110, 220, 380V 50/60Hz DC 12, 24V
Power Consumption	DC : 21W AC : 24 VA
Fluid Viscosity	-
Installation	Horizontal
Operation	Normally Open
Coil type	Waterproof : IP65

Model Type

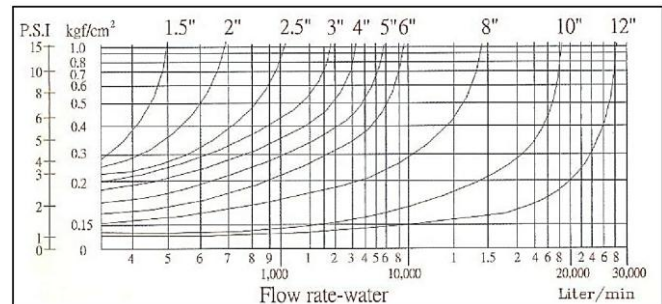
B M - C - M13 - L

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

Size · 40 - 50 (Screw) · 50 - 300 (Flange)

Connection · T (Screw) · F (Flange)

Valve Specification



Model	Connection		Cv Value	Operating Pressure (kgf/cm ²)	Dimension (mm)		Weight (kg)
	Inches	Type			L	A	
BMT-40C-M13	1 1/2"	Screw	48	1 - 10 (Min. working pressure: ΔP = 1)	120	165	4.2
BMT-50C-M13	2"		75		200	185	8.7
BMF-50C-M13	2"		75		190	185	10.7
BMF-65C-M13	2 1/2"	Flange (JIS-10K, PN16)	105		210	190	13.7
BMF-80C-M13	3"		140		225	205	16.7
BMF-100C-M13	4"		260		250	217	22.7
BMF-125C-M13	5"		390		280	240	33.7
BMF-150C-M13	6"		550		310	255	42.7
BMF-200C-M13	8"		1000		420	295	85.7
BMF-250C-M13	10"		1600		470	330	150.7
BMF-300C-M13	12"		2200		530	365	200.7