



BMT(F) Series

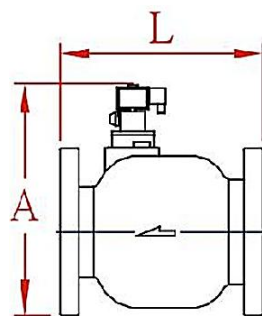
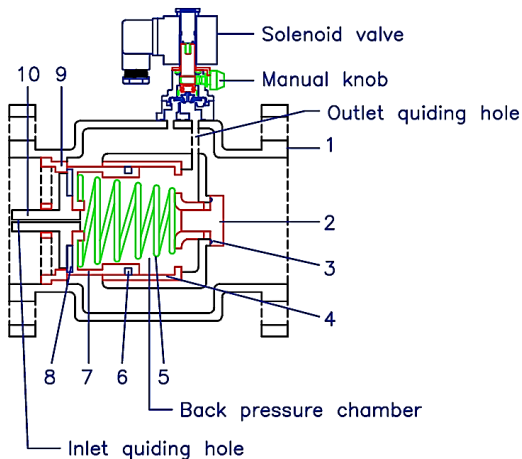
Pilot-operated Type

N.C.

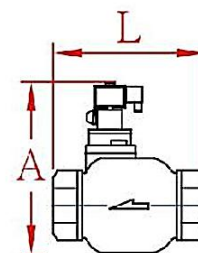
High Flow Rate Solenoid Valve - With Manual Override

- 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)			

Model Type

B M - - M13 - L

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

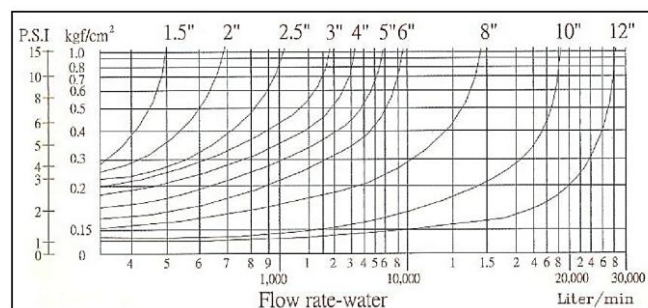
Size · 40 - 50 (Screw) · 50 - 300 (Flange)

Connection · T (Screw) · F (Flange)

Valve Specification

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 Closed
Coil type	Waterproof : IP65



Model	Connection		Cv Value	Operating Pressure (kgf/cm ²)	Dimension (mm)		Weight (kg)
	Inches	Type			L	A	
BMT-40-M13	1 ½"	Screw	48	1 - 10 (Min. working pressure: ΔP = 1)	120	140	4.2
BMT-50-M13	2"		75		200	160	8.7
BMF-50-M13	2"		75		190	160	10.7
BMF-65-M13	2 ½"	Flange (JIS-10K, PN16)	105		210	165	13.7
BMF-80-M13	3"		140		225	180	16.7
BMF-100-M13	4"		260		250	192	22.7
BMF-125-M13	5"		390		280	215	33.7
BMF-150-M13	6"		550		310	230	42.7
BMF-200-M13	8"		1000		420	270	85.7
BMF-250-M13	10"		1600		470	305	150.7
BMF-300-M13	12"		2200		530	340	200.7