



MT-C Series

Pilot-operated Type

N.O.

- The normally open pilot-operated solenoid valve can be selected for use with steam or water.
- Can be mounted in vertical and horizontal position.
- Features dual pilot holes for fast response. Maximum pressure options include 10 kgf/cm² and 12 kgf/cm².

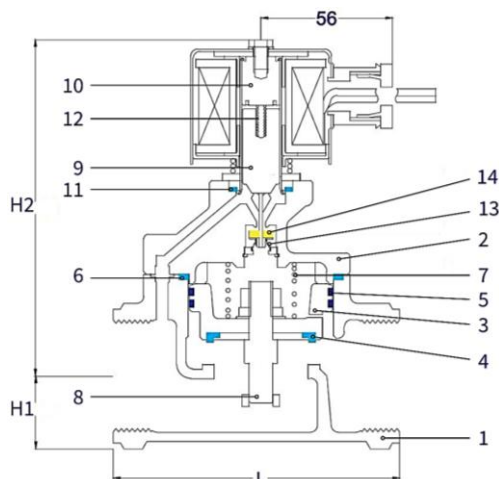
Steam

Water

Air

Gas

Oil



Common Specification

Item	Description	
Fluid	Water, Air, Gas, Oil	Steam
Fluid Temperature	Max. 90°C	Max. 200°C
Power Source	AC 24, 110, 220 50/60Hz DC 12, 24V	
Insulation Class	F Class = Max. 150°C	H Class = Max. 180°C
Power Consumption	AC : 35 VA DC : 26W	
Fluid Viscosity	< 50 cst	
Installation	Vertical / Horizontal	
Operation	Normally Closed	
Coil type	Iron case : IP54	

Main Parts List

NO.	Descriptions	Material	
		Max. 90°C	Max. 200°C
1.	Valve body	BC6	BC6
2.	Valve bonnet	BC6	BC6
3.	Main valve	BC6	BC6
4.	Main valve seat	Teflon	Teflon
5.	Main valve ring	Carbon Resin	Carbon Resin
6.	Packing	NBR	Teflon
7.	Spring	SUS304	SUS304

NO.	Descriptions	Material	
		Max. 90°C	Max. 200°C
8.	Main valve guide rod	SUS303L	SUS303L
9.	Plunger	KM-31	KM-31
10.	Plunger tube unit	SUS304,KM-31	SUS304,KM-31
11.	Packing	NBR	Teflon
12.	Spring	SUS304	SUS304
13.	Spring	SUS304	SUS304
14.	Needle seat	Viton	Teflon

Model Type

MT - ☐ ☐ FWAGSHC - M17

Series

Coil · N/A : Iron case · M17 : Waterproof
 Operation · N/A : Normally closed · C : Normally open
 Max. Pressure (kgf/cm²) · N/A : 10 · H : Steam = 16 ; Other = 20
 Media · W : Water · A : Oil · G : Gas · S : Steam
 Connection · N/A : Screw · F : Flange (10K)
 Size · 15 (1/2") · 20 (3/4") · 25 (1") · 32 (1-1/4") · 40 (1-1/2") · 50 (2")

Valve Specification

Model	Connection		Orifice (mm)	Cv Value	Operating Pressure (kgf/cm ²)		Dimension (mm)			Weight (kg)
	Inches	Type			Steam, Water, Air	Oil (< 50cst)	L	H1	H2	
MT-15C	1/2"	Screw	20	7.4	0.3 - 10	0.3 - 7	80	18	130	1.7
MT-20C	3/4"		20	7.4			80	18	130	1.7
MT-25C	1"		25	12.0			100	24	133	2.2
MT-32C	1 1/4"		32	15.0			110	28	138	2.5
MT-40C	1 1/2"		40	20.0			120	31	144	3.1
MT-50C	2"		50	30.0			140	38	156	4.1
MT-32FC	1 1/4"	Flange JIS10K	32	15.0	0.3 - 10	0.3 - 7	150	68	138	6.5
MT-40FC	1 1/2"		40	20.0			160	70	144	7.3
MT-50FC	2"		50	30.0			170	78	156	9.4

* Nor. Closed : 0.3 ~ 16 kgf/cm² · 0.3 ~ 20 kgf/cm² on request. Nor. Open 0.3 ~ 12 kgf/cm² on request

* Min. Operating Pressure ΔP : 0.3 kgf/cm²