



## Main Parts List

No.	Descriptions	Materials	
		Max.Temp.90° C	Max.Temp.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
8	Main valve guide rod	SUS303L	SUS303L
9	Plunger	KM-31	KM-31

No.	Descriptions	Materials	
		Max.Temp.90° C	Max.Temp.200° C
10	Plunger tube unit	SUS304,KM-31	SUS304,KM-31
11	Packing	NBR	Teflon
12	Spring	SUS304	SUS304
13	Plunger Seat	Viton	Teflon
14	Pilot hole seat	SUS303L	SUS303L
15	Valve bonnet	BC6	BC6
16	Plunger	KM-31	KM-31
17	Need le seat	Viton	Teflon
18	Spring	SUS304	SUS304

## Valve Specifications

Model	Connection		Orifice (mm)	Min.Operating Pressure $\Delta P$ kgf/cm <sup>2</sup>	Pressure Range kgf/cm <sup>2</sup>	Power Consumption (VA $\pm$ 10)		Cv Value	Dimensions(mm)				Weight (kg)
	Inches	Type				F Class	H Class		L	H1	H2	H3	
MT-15	1/2"	Screw	20	0.3	0.3 ~10 (Oil 0.3 ~7)	35	7.4	7.4	80	18	120	130	1.7
MT-20	3/4"		20						80	18	120	130	1.7
MT-25	1"		25						100	24	122	133	2.2
MT-32	1 1/4"		32						110	28	122	138	2.5
MT-40	1 1/2"		40						120	31	125	144	3.1
MT-50	2"		50						140	38	132	156	4.1
MT-32F	1 1/4"	Flange JIS10K	32	0.3	0.3 ~10 (Oil 0.3 ~7)	35	15.0	15.0	150	68	122	138	6.5
MT-40F	1 1/2"		40						160	70	125	144	7.3
MT-50F	2"		50						170	78	132	156	9.4

\*NPT on request

\*Nor.Closed:0.3 ~16kgf/cm<sup>2</sup> ,0.3 ~ 20kgf/cm<sup>2</sup> on request. Nor.Open :0.3 ~12kgf/cm<sup>2</sup> on request

## Fluids & Coil Specifications

Item	Description
Fluids	Steam Water Air Oil( below 50cSt)
Fluids Temperature	Water Air Oil Max. 90° C Steam Max. 200° C
Coil Data	Voltage
	Power Consumption
	Class

MT-50 F W A G S H C

