

A1001-...Electric On-Off Ball Valve Series



**Electric On-Off Ball Valve
A1001-...Series
PN16**

Performance & Features:

The electric ball valve of A1001 series is an electric on-off ball valve composed of an electric actuator with a thrust force of 10–25 Nm and an electric ball valve body.

- ◆ Nominal diameter: DN15...DN50, IP55;
- ◆ Available in 2-way and 3-way versions.
- ◆ Control mode: On-off control;
- ◆ Actuator easy to disassemble and install, and allowed to be mounted after equipment and piping installation is completed;
- ◆ Maximum allowable shut-off differential pressure: 600 Kpa, with high shut-off differential pressure available to ensure tight shut-off, and soft start designed to effectively prevent water hammer;
- ◆ Actuator installable in 4 orientations for easier wiring and maintenance;
- ◆ Passive feedback function (optional)

Applications:

This series of valves can be used in central air conditioning, heating and chilled water systems, building automation systems, steam humidification systems, etc.

Model Designation:

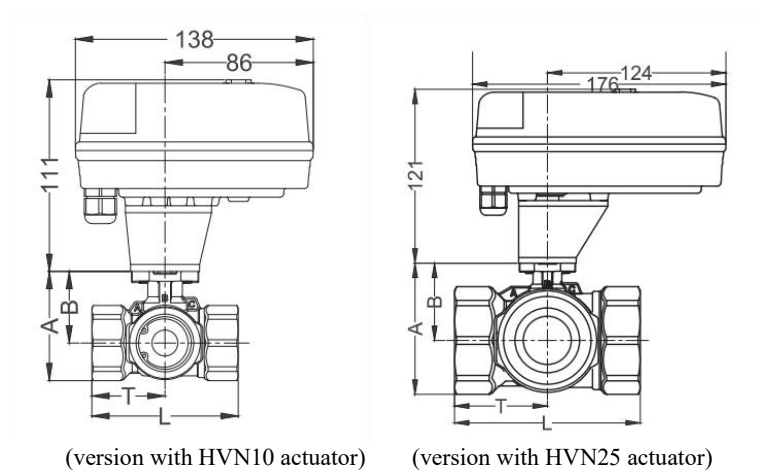
For example: A1001TS-20-16T/ Actuator Model and Control Type

1. "A10" Electric Thermostatic Valve Series;
2. "0" 2-way valve; "3" 3-way valve;
3. "1" Straight-Through Ball Valve Construction;
4. "T" : Threaded Connection; "C" : Clamp (Quick-installation)
5. "S" On-Off Type;
6. "-20" Nominal Diameter DN20;
7. "16" Nominal Pressure PN16;
8. "T" : Brass, B: Bronze, P: Stainless Steel;

Technical Description:

PN (Nominal Pressure)	PN16, PN25 (for option)
Connection Standard	Threaded Connection ISO228/1 (or EN10226)
Working Temperature	-15°C~130°C
Body	Brass/ Stainless Steel;
Seal	EPDM/ PTFE
Bore	Stainless Steel
Stem	Brass/ Stainless Steel;

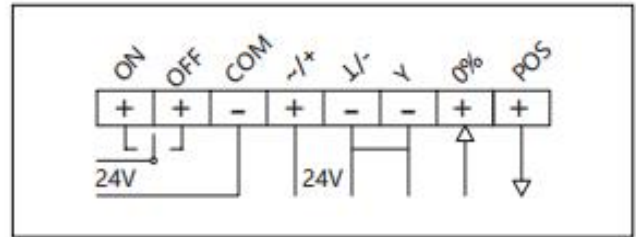
Actuator & Valve Body Parameters



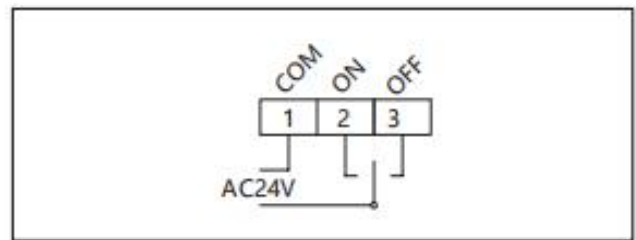
DN		L	T	S	B	A
mm	In					
15	1/2"	62	31	28	30	46
20	3/4"	74	37	33	32	50
25	1"	85	42.5	41	42	63
32	1-1/4"	96	48	49	43	70
40	2"	100	50	56	47	77
50	2-1/2"	120	60	69	55	89

Wiring Diagram

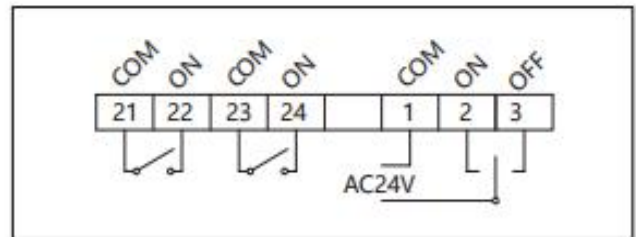
调节型: HVN10.AM/HVN25.AM/HVN60.AM



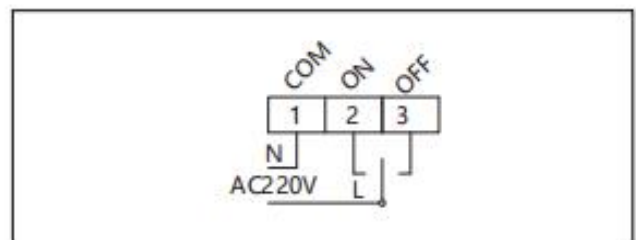
浮点/开关型: HVN10.AKB/HVN25.AKB/HVN60.AKB



浮点/开关型(带辅助开关): HVN10.AKB.F/HVN25.AKB.F/HVN60.AKB.F



开关型: HVN10.CKB/HVN25.CKB/HVN60.CKB



开关型(带辅助开关): HVN10.CKB.F/HVN25.CKB.F/HVN60.CKB.F

