

#### Installation recommendation for ball valves



In order to achieve optimal operational safety, we recommend to flush the system before and fitting a suitable strainer, (0.65 microns) prior to each valve (see installation scheme).

### Safety information:

- Installation of actuator can be carried out only by an authorized person, in the accordance with standards and regulations
- Before installation wash pipes, sealing material must not go inside the valve
- During installation, avoid soldering or welding near the valve
- Pipe in the valve screw soft, with no mechanical stress
- Place of assembly must be protected against frost, the device must be protected from chemicals, paints, detergents, solvents and their vapors and other environmental influences (vibration).

### Manual operation





## VinInfo VI00XX/2..24 VinInfo VI00XX/3..24

# Motorized ball valve with integrated relay for 2-point control



### **GENERAL**

Electric motor driven ball valves are used as locking elements for heating systems (solar, remote, house-heating), for hot blast heating, cooling systems, swimming pools, petrochemical industry, alternative heating sources and agricultural purposes.

### **ADVANTAGES**

- Compact version enables guick installation and electrical connection without opening the actuator.
- \* Clutch assembly enables manual opening / closing and unlocking of the valve if it locks during longer stand-stills.

- \* All models have built-in relay module which enables two wire control SPST.
- Simple disassembly of the drive with two screws only.
- Electric signal L (live) when the valve is open and can control the pump.
- Main flow indicator on the support of the valve: RED-OPEN.
- Additional flow indicator on the cover of the actuator
- Moderate velocity of ball rotation prevents hydraulic shocks in installation.
- Disassembly of installation is not required for the replacement of neck seals
- Due to self cleaning effect the valve need not be disassembled (if solid particles enter the valve), because motor turn ball to opposite direction.



2-point control - SPST



Tehnical data	VinInfo VI00XX24	
Supply voltage	24V~, 50Hz	
Running time	30s/90°	
Power consumtion	9VA in operation, 5VA standby	
Moment	8Nm	
Output signal	Phase L, 1(1)A, 230VAC, 50Hz	
Protection class	II after EN60730-1 🗆	
Schutzart:	IP 44 after IEC 60529	
Connection	cabel I= 2m (4 x 0,5 mm <sup>2</sup> )	
Rotation direction	undefined CW/CCW	
Manual control	with the actuator	
Position indicator	on the cover, position of the valve shaft, on the valve support	
Ambient temperature	0°C+55°C	
Non-operating temperature	-10°+70°	
Maintaining	maintenance free	
Fitting instruction see overleaf		

WARNING

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- The actuator must be protected by a fuse 1A.
- Before the opening the actuator is necessary to disconnect the power supply.
- The output signal is intended only for the indication of the final position. It can be also use as a control signal for controlling the pump.
- To control the pump use the relay!
- The actuator must be electrically connected in accordance with technical norms.
- Observe the correct connection voltage!
- Installers, and users are responsible for the safe and proper installation / operation of the actuator.

Ball valve	VinInfo VI00XX/2	VinInfo VI00XX/3	
Pipe connection	female/female thread	male hose union/female thread	
Fluid:	Water - cold and heating, glycol <50%. The use is not allowed for flammable liquids, combustible gases or explosive liquids!		
Fluid temperature	+2°C+110°C		
Nominal pressure	1/2" - PN40 3/4"-1 1/4" - PN25		
Max. differential pressure	16bar		
Materials			
Valve body	CW617N nickel pltd		
Ball	CW617 chrome pltd		
O-Ring:	PTFE, FPM, EPDM		





We reserve the right to modify the technical instructions and product data without prior notice.