

HAV20 – WRAS-godkendelse på afspærring/kugleventilen

Serie 600 kan anvendes på brugsvandsinstallationer.

Serie 600 har gældende ACS og WRAS-certifikater (Nuværende WRAS skal fornyes efter juli 2027)

Materiale: Se messinglegeringerne for hhv. ventilhus og kugle herunder

EMV 110 602/1590 B

FIRST ELECTRIC ACTUATORS EMV 110

motorized ball valve with a battery support operation

FIRST®

2-POINT CONTROL 1 / 0 STOPPING AT THE END POSITIONS



FIRST actuators, series EMV 110 602/1590 B is used in system, where in case of power failure opens/closes ball valve. It can be used as safety element in various systems. Valves are available in (DN 20 - DN 32).

- Manual ball valve opening/closing possibility.
- Setting the position of the ball valve in case of power failure - open/closed.
- Sound signaling possibility - additional connection of beeper.

OPERATION

When the First EMV 110 602/1590 B actuator is plugged in a electrical voltage it goes automatically in home position - closed (default or factory setting). In case of power failure the actuator is using battery power to open the valve. The actuator also has an output, which can be used for acoustic signaling in case of power failure (beeper 4-7 VDC - uses battery power). However, this shortens battery life.

MAINTENANCE

Actuator requires battery change on every 2 years. The installation of suitable strainer is recommended.

CERTIFICATES

FIRST valves series 600 are suitable for use in drinking water installations. All 600 series valves are ACS and WRAS certified.



TECHNICAL DATA: ACTUATOR

Control:	2-Point control
Supply voltage:	230 VAC 50Hz / battery power supply 4xLR6-1.5V/AA (alkaline Duracell MN1500 batteries)
Rotation time:	25s/90°
Max.Torque:	8 Nm
Protection class:	I
Enclosure rating:	IP55 (Cable connection),
Connection:	cable 1.5 m, 3 x 0,75 mm ²
Direction of rotation:	Defined
Manual operation:	yes
Position indicator:	on the valve holder
Ambient temperature:	0°C..+55°C
Storage temperature:	-10°C..+70°C
Humidity:	0%..80% R.H. (non condensed)

VALVE CHARACTERISTICS

Connections: internal thread
Medium: water, nonaggressive fluid, air, glycol < 50%
Medium temperature: +5°C...110°C
Working pressure: max.16bar
Material:
Valve body: brass CuZn40Pb2 Ni
Ball: brass CuZn40Pb2 Cr

WORKING WAY OF THE VALVE