

AGO_2020_REV_01

TWO WAY ZONE HIDRAULIC MOTORIZED VALVES MxM

Zone valves are used in conditioning systems to automatically control the entry of fluids into identified parts of the building, or also in the engine room with their direct mounting on distribution manifolds, storage tanks, heat generators and cold water, renewable energy systems.

Other uses of zone valves are in energy metering systems, in domestic drinking water distribution systems and in garden irrigation systems.

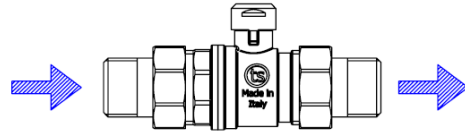
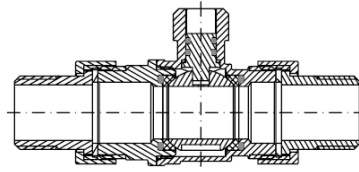
The AIS zone valves belong to the type of ball with full port, which allow to have high flow capacity with very low pressure loss. The valves are motorized by means of a quick connection mechanism, which allows in case of need to carry out quick maintenance even in confined spaces.

FEATURES:

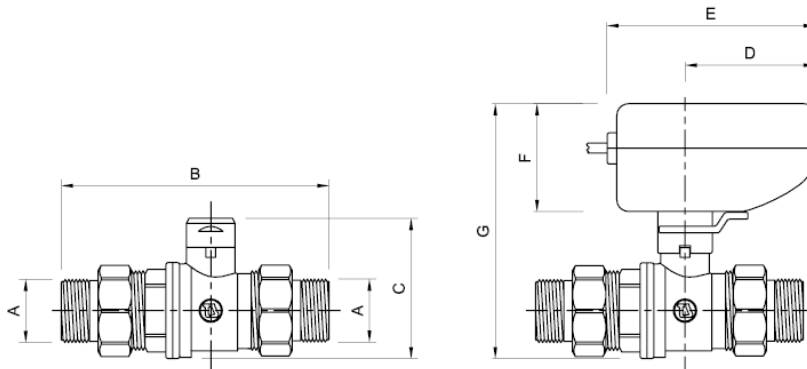
- ✓ Two-way straight zone valve with flat seated male tail.
- ✓ Excellent for use in air conditioning systems with variable flow electronic circulator, and in all applications with direct mounting on distribution manifolds.
- ✓ Full port ball characterized by high KV flow coefficient.
- ✓ Fully chrome plated for high corrosion resistance and optimal aesthetic appeal that is important in exposed mounting.
- ✓ Motorized with a fast connection servomotor with 230V power supply equipped with a voltage-free limit switch.
- ✓ Internally assembled tamper-proof operating stem equipped with double O-ring and low friction PTFE seal.
- ✓ Ball joints made of low friction PTFE with anti-blocking elastic system that reduces the force of the first movement and extends the life of the actuator.

TECHNICAL FEATURES:

- ✓ For use with hot and cold water in conditioning distribution systems, domestic drinking water, garden irrigation water.
- ✓ Maximum operating pressure 10 bar.
- ✓ Operating temperature range $-5 \div 110$ ° C.
- ✓ Maximum percentage of glycol 50%.
- ✓ UNI-EN 12165: 16 CW617N forged brass alloy components.
- ✓ Machined directly from UNI-EN 12164: 16 CW614N brass alloy rod components.
- ✓ Ball joints made of low friction PTFE.
- ✓ EPDM gasket O-ring.
Servomotor 230VAC-50/60 Hz, Consumption 3.9 VA, Protection class IP54, Double insulation Class 2, Rotation time 45 s, Starting torque 8 Nm, Operating temperature range $-5 \div 55$ ° C , Electrical auxiliary limit switch capacity 1A (250V), connection cable length 0.8 m.
- ✓ Flat seat joint connections available for 1/2 " , 3/4" and 1 "sizes.



DIMENSIONS:



Art.	A	B	C	D	E	F	G
392-04	1/2"	118	51	65	108	55	112
392-05	3/4"	124	57	65	108	55	118
392-06	1"	138	66	65	108	55	127