BALL ZONE VALVE 2 WAYS FxM

Application

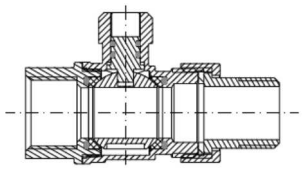
The zone valves **TENDER** are employed in conditioning systems to control automatically the inlet of the fluids in identified parts of the building, or also in mechanical room with their direct assembly on distribution manifolds, storage tanks, heat and cool water generators, renewable energy systems.

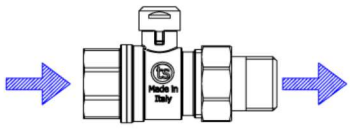
Other uses of zone valves **TENDER** are in the energy metering systems, in the domestic drinking water distribution systems, and in the garden irrigation systems.

te-sa zone valves belong to the ball type with full port, that allow to have high flow capacity with very low loss of pressure.

The valves are easily motorized by means a fast connection mechanism, which permits in case of necessity to make quick maintenances also in limited spaces.

Characteristic



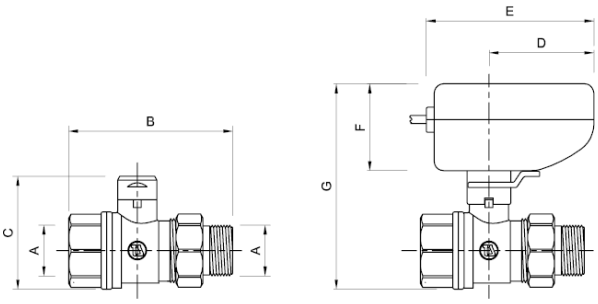


- Straight zone valve two ways with female connection on one head and male tailpiece flat seat in the other head
- Excellent for use in conditioning systems with variable flow electronic circulator, in all applications with direct assembly on distribution manifolds, and in system parts that requires easy disassembly in case of maintenance
- Full port ball characterized by high flow coefficient KV
- Totally chrome plated to obtain great corrosion resistance and optimal aesthetic aspect that is important in the exposed assembly.
- Motorizable with fast connection servomotors Art. 390MT available with power supply 230V e 24V, and equipped of end switch free of tension
- Maneuver stem tamperproof assembled from inside and equipped with double O-ring and low friction ring
- Ball gaskets made of PTFE low friction with elastic anti-block system that reduces the first movement force

Technical Data

- For use with hot and cold water in conditioning systems, domestic drinking waters, garden irrigation waters, compressed air
- Maximum operating pressure 10 bar
- Range of operating temperature -5 ÷ 110°C
- Maximum percentage of glycol 50%
- Forged components made of brass alloy UNI-EN 12165:16 CW617N
- Directly machined from rod components made of brass alloy UNI-EN 12164:16 CW614N
- Ball gaskets made of PTFE low friction
- Seal O-ring made of EPDM
- Flow capacity: 1/2" size KV = 17 - 3/4" size KV = 30 - 1" size KV = 43

Dimensions



Art.	A	B	C	D	E	F	G
393-04	1/2"	90	51	65	108	55	112
393-05	3/4"	93	57	65	108	55	118
393-06	1"	100	66	65	108	55	127