MOTORIZED BALL TWO-WAY ZONE VALVE

For heating and/or air conditioning

Product informations

The zone valves are aimed at automatically controlling and diverting the fluids in heating, air conditioning and sanitary water systems, these are commanded by a servo-control connected to a room thermostat provided with automatic return function, regulating the ambient temperature. All servomotors are equipped with an auxiliary micro-switch to control the pump, this product, easy to install, shows high hydraulic performance in reduced sizes, this makes it specially suitable for zone heating installations.

Available with 220 and/or 24 V voltages.

Product features

- soft seat ball movement, valve opening torque < 6N
- quick connection system
- the motor can be used manually as a release device in the event of power failure
- highly reliable motor
- high precision gears, in sintered metal materials
- motor start-up torque doubled if compared with the valve body
- quick and repeatable motor lock/unlock, without damaging the motor or the valve

Technical Features

MAX PRESSURE	10 BAR
POWER SUPPLY	230 VAC - 24 VAC

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OPERATING TEMPERATURE	- 5°C ÷ + 110°C
FLUIDS OF USE	WATER, CASTING SOLUTIONS MAX. 50%
CONNECTIONS	• 1/2" MF (*SKU 70230*) • 3/4" MF (*SKU 70231*) • 1" MF (*SKU 70232*)
MATERIALS	• VALVE BODY: BRASS CW617N UNI 12165 • CONTROL BEAM: BRASS CW614N UNI 12164 • BALL: CW614N UNI 12164 CHROME-PLATED • SEALING SEATS: PTFE • O-RING: EPDM PEROX (HIGH-STRENGTH) • SERVOCONTROL UPPER PROTECTIVE SHELL: TRANSPARENT ABS • SERVOCONTROL LOWER PROTECTIVE SHELL: NYLON 66 BLACK
DEGREE OF PROTECTION	• VERTICAL CONTROL BEAM: IP44 (PROTECTED AGAINST SPLASHING WATER FROM ANY DIRECTION AND PROTECTED AGAINST THE INGRESS OF SOLID OBJECTS LARGER THAN 1 MM) • CASING: IP40 (NOT PROTECTED AGAINST THE INGRESS OF FLUIDS, PROTECTED AGAINST THE INGRESS OF SOLID OBJECTS LARGER THAN 1MM)
ABSORPTION	5 VA
MOVEMENT TIME (90° ROTATION ANGLE)	45 SEC
DYNAMIC START UP TORQUE	12 NM

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SKU	MODEL	PRICE
00000070230	2 WAY VALVE - 1/2" MF COMPLETE	€206.15 VAT EXCLUDED
00000070231	2 WAY VALVE - 3/4" MF COMPLETE	€207.35 VAT EXCLUDED
00000070232	2 WAY VALVE - 1" MF COMPLETE	€218.55 VAT EXCLUDED
00000070235	ONLY MOTOR WITH RELAY - 230 VAC	€162.55 VAT EXCLUDED
00000070236	ONLY MOTOR WITH RELAY - 24 VAC	€175.2 VAT EXCLUDED
00000070238	VALVE BODY ONLY - 1/2" MF	€43.2 VAT EXCLUDED
00000070239	VALVE BODY ONLY - 3/4" MF	€43.2 VAT EXCLUDED
00000070240	VALVE BODY ONLY - 1" MF	€43.2 VAT EXCLUDED







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