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## MOTORIZED BALL THREE-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

|                     |                  |
|---------------------|------------------|
| <b>MAX PRESSURE</b> | 10 BAR           |
| <b>POWER SUPPLY</b> | 230 VAC - 24 VAC |



## Motorized Ball Three-Way Zone Valve

|   |  |
|---|--|
| <b>OPERATING TEMPERATURE</b>              | - 5°C ÷ + 110°C  |
| <b>FLUIDS OF USE</b>                      | WATER, CASTING SOLUTIONS MAX. 50%  |
| <b>CONNECTIONS</b>                        | <ul style="list-style-type: none"> <li>• 1/2" MF (SKU 70230)</li> <li>• 3/4" MF (SKU 70231)</li> <li>• 1" MF (SKU 70232)</li> </ul>  |
| <b>MATERIALS</b>                          | <ul style="list-style-type: none"> <li>• VALVE BODY: BRASS CW617N UNI 12165</li> <li>• CONTROL BEAM: BRASS CW614N UNI 12164</li> <li>• BALL: CW614N UNI 12164 CHROME-PLATED</li> <li>• SEALING SEATS: PTFE</li> <li>• O-RING: EPDM PEROX (HIGH-STRENGTH)</li> <li>• SERVOCONTROL UPPER PROTECTIVE SHELL: TRANSPARENT ABS</li> <li>• SERVOCONTROL LOWER PROTECTIVE SHELL: NYLON 66 BLACK</li> </ul> |
| <b>DEGREE OF PROTECTION</b>               | <ul style="list-style-type: none"> <li>• VERTICAL CONTROL BEAM: IP44 (PROTECTED AGAINST SPLASHING WATER FROM ANY DIRECTION AND PROTECTED AGAINST THE INGRESS OF SOLID OBJECTS LARGER THAN 1 MM)</li> <li>• CASING: IP40 (NOT PROTECTED AGAINST THE INGRESS OF FLUIDS, PROTECTED AGAINST THE INGRESS OF SOLID OBJECTS LARGER THAN 1MM)</li> </ul>   |
| <b>ABSORPTION</b>                         | 5 VA   |
| <b>MOVEMENT TIME (90° ROTATION ANGLE)</b> | 45 SEC   |
| <b>DYNAMIC START UP TORQUE</b>            | 12 NM  |

| SKU         | MODEL                            | PRICE                |
|-------------|----------------------------------|----------------------|
| 00000070250 | COMPLETE 3-WAY VALVE - 3/4" FF   | €225.15 VAT EXCLUDED |
| 00000070251 | COMPLETE 3-WAY VALVE - 1" FF     | €268.8 VAT EXCLUDED  |
| 00000070252 | COMPLETE 3-WAY VALVE - 1" 1/4 FF | €312.55 VAT EXCLUDED |



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| SKU         | MODEL                           | PRICE                |
|-------------|---------------------------------|----------------------|
| 00000070255 | ONLY MOTOR WITH RELAY - 230 VAC | €162.55 VAT EXCLUDED |
| 00000070256 | ONLY MOTOR WITH RELAY - 24 VAC  | €175.2 VAT EXCLUDED  |
| 00000070258 | VALVE UNIT ONLY - 3/4" FF       | €43.2 VAT EXCLUDED   |
| 00000070259 | VALVE UNIT ONLY - 1" FF         | €105.3 VAT EXCLUDED  |
| 00000070260 | VALVE UNIT ONLY - 1" 1/4 FF     | €148.6 VAT EXCLUDED  |

