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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

| | |
|---------------------|------------------|
| MAX PRESSURE | 10 BAR |
| POWER SUPPLY | 230 VAC - 24 VAC |



Motorized Ball Three-Way Zone Valve

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| OPERATING TEMPERATURE | - 5°C ÷ + 110°C |
| FLUIDS OF USE | WATER, CASTING SOLUTIONS MAX. 50% |
| CONNECTIONS | <ul style="list-style-type: none"> • 1/2" MF (SKU 70230) • 3/4" MF (SKU 70231) • 1" MF (SKU 70232) |
| MATERIALS | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 |

| SKU | MODEL | PRICE |
|-------------|----------------------------------|----------------------|
| 00000070250 | COMPLETE 3-WAY VALVE - 3/4" FF | €212.9 VAT EXCLUDED |
| 00000070251 | COMPLETE 3-WAY VALVE - 1" FF | €254.2 VAT EXCLUDED |
| 00000070252 | COMPLETE 3-WAY VALVE - 1" 1/4 FF | €295.55 VAT EXCLUDED |



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| SKU | MODEL | PRICE |
|-------------|---------------------------------|---------------------|
| 00000070255 | ONLY MOTOR WITH RELAY - 230 VAC | €153.7 VAT EXCLUDED |
| 00000070256 | ONLY MOTOR WITH RELAY - 24 VAC | €165.7 VAT EXCLUDED |
| 00000070258 | VALVE UNIT ONLY - 3/4" FF | €98.25 VAT EXCLUDED |
| 00000070259 | VALVE UNIT ONLY - 1" FF | €99.6 VAT EXCLUDED |
| 00000070260 | VALVE UNIT ONLY - 1" 1/4 FF | €140.6 VAT EXCLUDED |

