

6-Way Motorized Ball Valve for HVAC Waterway Control

This motorized ball valve is designed for terminal waterway control. An actuator motor drives the valve to control medium flow, enabling automatic temperature regulation in conjunction with a thermostat and fan coil unit.



Overview

HVAC System Integration

This 6-way motorized ball valve is a specialized combination valve engineered to integrate heating and cooling piping systems into a single, streamlined circuit. By replacing multiple 2-way or 4-way valves with a single transfer unit, it significantly reduces installation costs and complexity. The design includes a stop-proof coupling system between the valve and actuator, ensuring rapid, error-free installation for professional HVAC applications.

Technical Specifications

Sealing Material	PTFE
Stem Material	HPb58-2
Body and Bonnet Material	HPb59-1
Pressure Rating	PN1.6
Operating Torque	5 N.m
Rotation Angle	90 degrees
Connection Thread	G1/2 Female, G1/2 Male

Performance Metrics

Fluid Temperature Range

10 °C Min Temperature	95 °C Max Temperature
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Compatible Actuator Specs

Voltage	Current	Time
AC/DC 24V	6A	30S
AC 110-230V	4A	30S
AC 220-230V	4A	25S