



JV V SERIES ELECTRONIC “V BALL” STEAM AND HIGH-TEMPERATURE HOT WATER CONTROL VALVES

The Thermaflo JVV V Ball Series Control Valve is designed for high speed 100% duty for temperature, pressure and level control applications. Specifically designed for steam, high-temperature hot water, and other rigorous control applications.

The equal percentage segmented V inner ball design provides the user with accurate control over a 100:1 flow turndown rangeability. Half the size and weight of any conventional globe control valve, the JVV is simple to install. The high-speed electronic actuator fails closed on power loss and totally eliminates air supply. The fully programmable actuator accepts 0-10V or 4-20 ma input control signal and can be split range controlled when required. The JVV Series high flow CVs reduces valve size, space and overall weight of any application in your piping system.

JVV V-BALL STANDARD FEATURES

MACHINED 316 STAINLESS STEEL CONTROL SHAFT NON SLIP KNURL PAD

ENGINEERED HIGH TEMPERATURE EXTENDED POWDER COATED MOUNTING BRACKET

HIGH SPEED FAIL SAFE MODULATING ACTUATOR 0-10V OR 4-20MA CONTROL SIGNAL INPUT

HIGH TEMP CHEVRON SEAT AND ITEM SEALS IN A MACHINED BASE MOUNT

COMPLETE 316 STAINLESS STEEL BODY, BALL, AND STEM CONSTRUCTION

BUBBLE TIGHT CLASS VI STEAM AND HOT WATER SHUTOFF

HIGH V PORT CV FLOW CAPACITIES AND EXCELLENT EQUAL PERCENTAGE CHARACTERIZED FLOW



- MAX OPERATING PRESSURE/TEMPERATURE: 450F @ 250 PSIG (HIGHER RATINGS AVAILABLE)
- MAXIMUM AMBIENT TEMPERATURE: 120F
- CUSTOM SLOTTED BALL AND CVS AVAILABLE
- SIZES: 1/2" THRU 3" CONNECTIONS: NPT OR SOCKET WELD
- MATERIALS OF CONSTRUCTION: 316 STAINLESS STEEL BODY, BALL, AND STEM
- REINFORCED TEFLON SEATS