

## **State-of-the-art fluid-handling cuts downtime and boosts productivity**

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The movement and storage of liquids, gases, liquid-solid suspensions, and other multi-phase mixtures, are key operations in all process industries – petrochemical, biotechnology, chemical, pharmaceutical, water, and waste water.

For businesses that rely on control valves, a change in operations can mean lost productivity and lost energy; productivity halts as trims are changed or the valves themselves replaced because of erosion. Energy is lost through leakage. Yet, while there is constant innovation in the equipment used for handling and transferring substances, innovation in control valves themselves is rare.

The solution is an adjustable valve trim that requires no change just because processes change. That way, productivity continues at optimum capacity. Zero leakage when the valve is closed means energy is saved and, with less risk of thermo-shock cracks appearing in steam coolers, processes are safer too.

This valve trim enables Cv values to change when process requirements change: the valve's characteristic can be adjusted between linear and equal percentage without changing the trim. Acting as a control and an isolation valve, the trim achieves class V1 (6) shut-off, cutting leakage and therefore lost energy, to zero.

The valve trim is designed to handle extremely high differential pressures (up to 560 bar) and features special double-seat that reduce valve-seat erosion. The result: the valve trim effortlessly handles flashing water, 2-phase flow, and cavitation problems, eliminating lost productivity from maintenance downtime, and wasted costs from lost energy.

Rated 'A' by EN12266-1 means the noise is kept below 85dB.