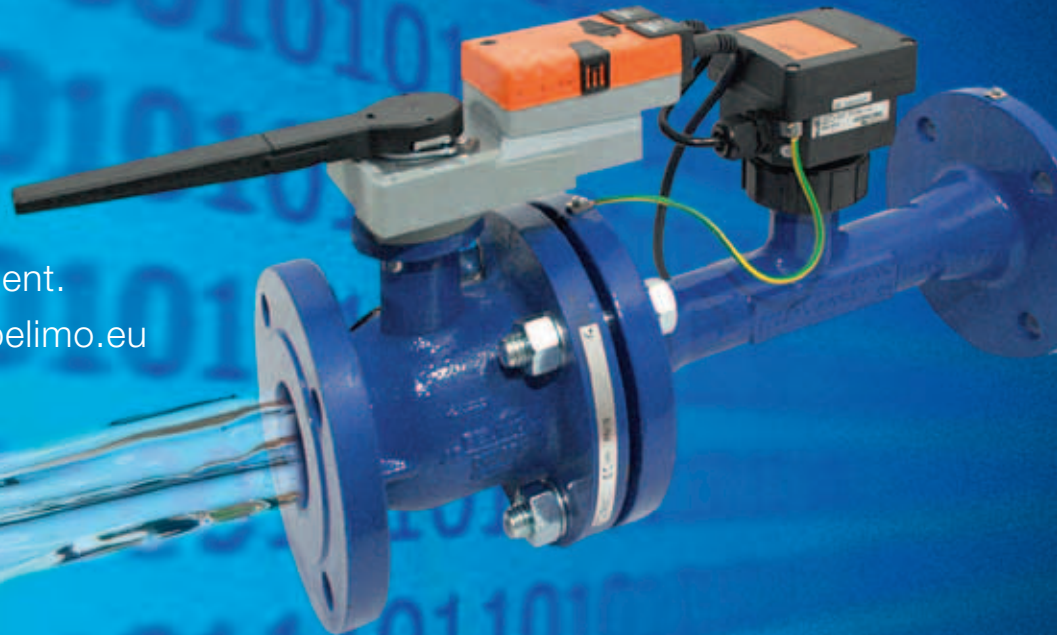


EPIV – the new characterised control valve. With electronic flow rate setting.

> Water is our element.
www.belimo.eu



Four in one – now available for larger DN.

Measure, control, balancing, and shut off within one valve. EPIV the new innovative characterised control valve, with electronic flow rate setting is available in larger nominal sizes from DN 65 to DN 150. It is the only valve of its type to feature a sensor monitored flow rate controller. This guarantees both control stability and maximum convenience.

Precise and energy-efficient

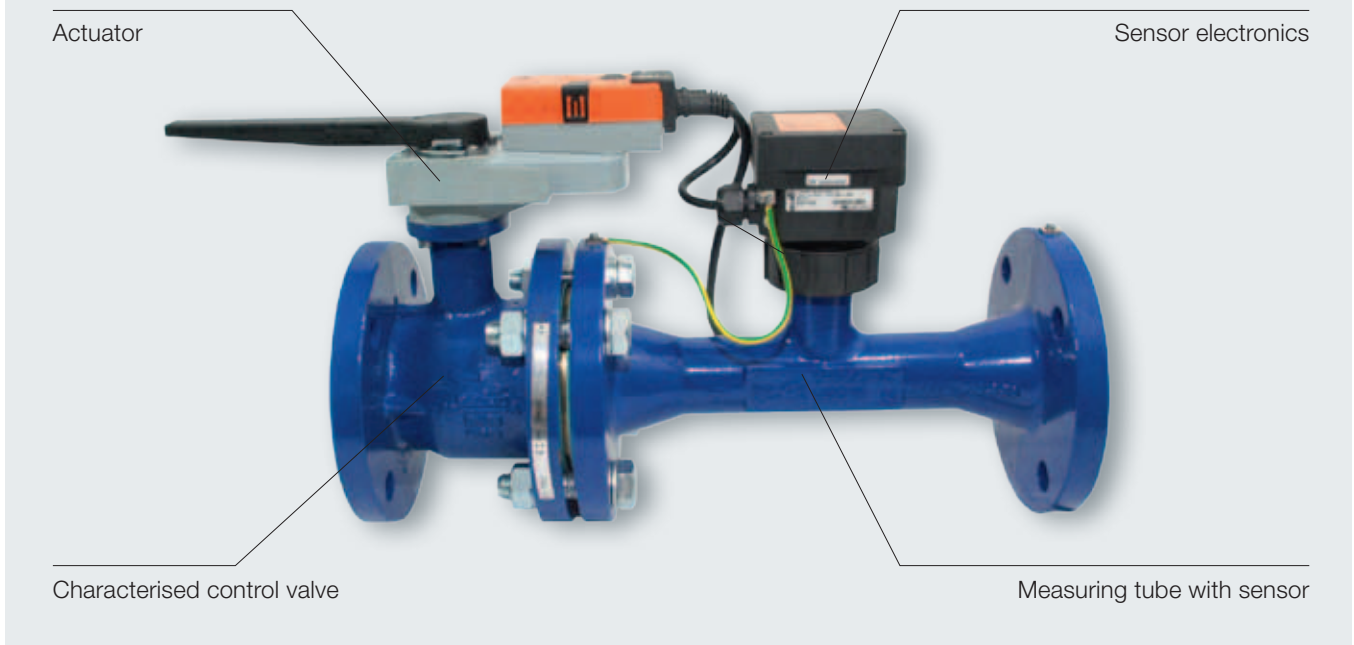
The electronically controlled EPIV is the result of consistent further development of Belimo's unique pressure independent characterised control valve. As an addition to the existing PICCV range the EPIV covers valve sizes from DN 65 to DN 150. Because it combines four functions – measure, control, balancing and shut off in one valve, sizing and selection are considerably simplified (DN Valve = DN pipe) and hydraulic balancing is made easier with EPIV. The proven characterising disc ensures an equal – percentage characteristic curve and therefore excellent control properties. Thanks to its bubble tight closure the EPIV effectively prevents energy losses in the water circuits.

Simple and reliable

The technology used in Belimo's new EPIV is based on more than 30 years experience in the control of variable air volume flows (VAV): This know-how guarantees maximum precision, a long service life and maintenance free operation for water solutions. The volumetric flow settings can be customised on site using a laptop or ZTH-GEN adjustment tool (between 45 and 100%; smallest controllable amount of water: 2.4%). The flow rate is permanently monitored by a sensor that signals the integrated control system which, in turn, ensures that the flow rate is immediately adjusted and the set point precisely maintained in the event of changes in pressure. The actual flow rate can be displayed at any time in m³/h or as an electronic signal.

EPIV – the new characterised control valve. Measure, control, balancing and shut-off.

Valve and electronic flow rate controller in one unit



Product range and technical data

DN [mm]	V_{nom}		Adjustable flow rate 45...100% [m ³ /h]	k_{vs} (theoretical) ¹⁾ [m ³ /h]	Actuator type	Supply [V]	Positioning signal [V DC]
	[l/s]	[l/min]					
65	8.00	480	28.8	13...29	43	AC/DC 24 V 50/60 Hz	0.5...10 V ²⁾
80	11.00	660	39.6	18...40	60		
100	20.00	1200	72.0	32...72	108		
125	31.25	1875	112.0	51...112	168		
150	45.00	2700	162.0	97...162	243		

¹⁾ Theoretical k_{vs} value for calculation of drop in pressure ²⁾ Can be set to 2...10 V with parameters

Belimo worldwide: www.belimo.com



5-year
warranty



On site around
the globe



Complete
product range



Tested quality



Short delivery
times



Comprehensive
support

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