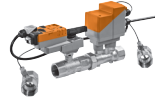
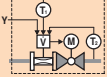


Characterised control valves

Belimo Energy Valve™ - Electronic pressure-independent characterised control valve with adjustable flow rate and monitoring function


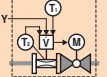
				LR	NR	SR							
													
		Running times	(Control) Operating range										
modulating	AC/DC 24 V	90 s	DC (0) 0.5...10 V variable	2)	2)	2)							
communication	AC/DC 24 V	90 s	MP-Bus, BACnet IP, MACnet MS/TP DC (0) 0.5...10 V variable	2)	2)	2)							
Internal thread Rp (ISO 7/1) 2-way		$p_s = 1600 \text{ kPa}$ $T_{\max} = 120^\circ\text{C}$		Range of use closed circuits ($\text{pH} > 7$)									
		\dot{V}_{nom}		$k_{vs} \text{ theor. } ^{1)}$		DN		Δp_s	Δp_{\max}	Δp_s	Δp_{\max}	Δp_s	Δp_{\max}
		[l/s]	[l/min]	[m ³ /h]	[mm]	[Zoll]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	[kPa]	
EV015R+BAC		0.35	21	2.3	15	1/2"	1400	350					
EV020R+BAC		0.65	39	4	20	3/4"							
EV025R+BAC		1.15	69	6.7	25	1"	1400	350					
EV032R+BAC		1.8	108	10.7	32	1 1/4"			1400	350			
EV040R+BAC		2.5	150	15.6	40	1 1/2"			1400	350			
EV050R+BAC		4.8	288	26.8	50	2"					1400	350	

1) Theoretical k_{vs} value for pressure drop calculation.

14) Actuator is a component of the valve

Completely parameterisable by means of integrated Web server

Belimo Energy Valve™ - Electronic pressure-independent characterised control valve with adjustable flow rate and monitoring function

				SR	GR						
											
		Running times	(Control) Operating range								
modulating	AC/DC 24 V	90 s	DC (0) 0.5...10 V variable	2)	2)						
communication	AC/DC 24 V	90 s	MP-Bus, BACnet IP, BACnet MS/TP, DC (0) 0.5...10 V variable	2)	2)						
Flange (EN 1092/1) 2-way		$p_s = 1600 \text{ kPa}$ $T_{\max} = 120^\circ\text{C}$		Range of use closed circuits ($\text{pH} > 7$)							
		\dot{V}_{nom}		$k_{vs} \text{ theor. } ^{1)}$		DN		Δp_s	Δp_{\max}	Δp_s	Δp_{\max}
		[l/s]	[l/min]	[m ³ /h]	[mm]	[Zoll]	[kPa]	[kPa]	[kPa]	[kPa]	
P6065W800EV-BAC		8	480	40	65	2 1/2"	690	340			
P6080W1100EV-BAC		11	660	60	80	3"	690	340			
P6100W2000EV-BAC		20	1200	100	100	4"			690	340	
P6125W3100EV-BAC		31	1860	160	125	5"					
P6150W4500EV-BAC		45	2700	240	150	6"			690	340	

1) Theoretical k_{vs} value for pressure drop calculation.

14) Actuator is a component of the valve

Completely parameterisable by means of integrated Web server