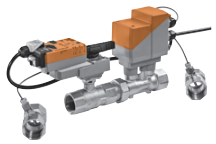
Pressure-independent Valves.
Belimo Energy Valve™ – internal thread

		Running times	(Control) Operating range	EV..
				
modulating	**AC/DC 24 V**	90 s	DC (0) 0.5...10 V variable	**Actuator is a component of the valve.**
communication	**AC/DC 24 V**	90 s	MP-Bus, BACnet IP, MACnet MS/TP DC (0) 0.5...10 V variable	

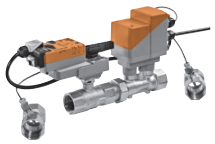
Internal thread Rp ISO 7/1	**PN 16** T_{max}=120°C					**Range of use** closed circuits (pH > 7)					
2-way	**DN** [mm]	**DN** [Zoll]	V_{nom} [l/s]	V_{nom} [l/min]	k_{vs} [1)] [m³/h]	**Δps** [kPa]	**Δpmax** [kPa]	**Δps** [kPa]	**Δpmax** [kPa]	**Δps** [kPa]	**Δpmax** [kPa]
EV015R+BAC	15	½"	0.35	21	2.3	1400	350				
EV020R+BAC	20	¾"	0.65	39	4						
EV025R+BAC	25	1"	1.15	69	6.7	1400	350				
EV032R+BAC	32	1¼"	1.8	108	10.7			1400	350		
EV040R+BAC	40	1½"	2.5	150	15.6			1400	350		
EV050R+BAC	50	2"	4.8	288	26.8					1400	350

Internal thread Rp ISO 7/1	**PN 16** T_{max}=120°C					**Range of use** closed circuits (pH > 7)					
2-way, emergency control function (SuperCap)	**DN** [mm]	**DN** [Zoll]	V_{nom} [l/s]	V_{nom} [l/min]	k_{vs} [1)] [m³/h]	**Δps** [kPa]	**Δpmax** [kPa]	**Δps** [kPa]	**Δpmax** [kPa]	**Δps** [kPa]	**Δpmax** [kPa]
EV015R+KBAC	15	½"	0.35	21	2.9	1400	350				
EV020R+KBAC	20	¾"	0.65	39	4.9						
EV025R+KBAC	25	1"	1.15	69	8.6	1400	350				
EV032R+KBAC	32	1¼"	1.8	108	14.2			1400	350		
EV040R+KBAC	40	1½"	2.5	150	21.3			1400	350		
EV050R+KBAC	50	2"	4.8	288	32.0					1400	350

Internal thread Rp ISO 7/1	**PN 16** T_{max}=120°C					**Range of use** closed circuits (pH > 7)					
2-way Glycol monitoring	**DN** [mm]	**DN** [Zoll]	V_{nom} [l/s]	V_{nom} [l/min]	k_{vs} [1)] [m³/h]	**Δps** [kPa]	**Δpmax** [kPa]	**Δps** [kPa]	**Δpmax** [kPa]	**Δps** [kPa]	**Δpmax** [kPa]
EV015R+BAC1	15	½"	0.35	21	2.9	1400	350				
EV020R+BAC1	20	¾"	0.65	39	4.9						
EV025R+BAC1	25	1"	1.15	69	8.6	1400	350				
EV032R+BAC1	32	1¼"	1.8	108	14.2			1400	350		
EV040R+BAC1	40	1½"	2.5	150	21.3			1400	350		
EV050R+BAC1	50	2"	4.8	288	32.0					1400	350

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

Completely parameterisable by means of integrated Web server or ZTH EU.

						EV..					
											
Internal thread Rp ISO 7/1	**PN 16** T_{max}=120°C					**Range of use** closed circuits (pH > 7)					
2-way, emergency control function (SuperCap) and glycol monitoring	**DN** [mm]	**DN** [Zoll]	**V_{nom}** [l/s]	**V_{nom}** [l/min]	**k_{vs} 1)** [m³/h]	**Δps** [kPa]	**Δpmax** [kPa]	**Δps** [kPa]	**Δpmax** [kPa]	**Δps** [kPa]	**Δpmax** [kPa]
EV015R+KBAC1	15	½”	0.35	21	2.9	1400	350				
EV020R+KBAC1	20	¾”	0.65	39	4.9						
EV025R+KBAC1	25	1”	1.15	69	8.6	1400	350				
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1) Theoretical k_{vs} value for pressure drop calculation.

Completely parameterisable by means of integrated Web server or ZTH EU.