
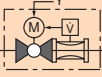


Characterised control valves

Electronic pressure-independent characterised control valve with adjustable flow rate


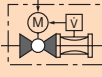
				LR	NR	SR							
													
		Running times	(Control) Operating range										
modulating	AC/DC 24 V	90 s	DC (0) 0.5...10 V variable	2)	2)	2)							
communication	AC/DC 24 V	90 s	MP-Bus, DC (0) 0.5...10 V variable	2)	2)	2)							
Internal thread Rp (ISO 7/1) 2-way		p_s = 1600 kPa T_{max} = 120°C		Range of use closed circuits (pH > 7)									
		\dot{V}_{nom}		k_{vs} 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]	
EP015R+MP		0.35	21	2.3	15	1/2"	1400	350					
EP020R+MP		0.65	39	4	20	3/4"							
EP025R+MP		1.15	69	6.7	25	1"	1400	350					
EP032R+MP		1.8	108	10.7	32	1 1/4"			1400	350			
EP040R+MP		2.5	150	15.6	40	1 1/2"			1400	350			
EP050R+MP		4.8	288	26.8	50	2"					1400	350	

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

2) Actuator is a component of the valve

Control, operating range, position feedback, running time and further functions are parameterisable with PC-Tool

Electronic pressure-independent characterised control valve with adjustable flow rate

				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, DC (0) 0.5...10 V variable	2)	2)						
Flange (EN 1092/1) 2-way		PN16 T_{max} = 120°C		Range of use closed circuits (pH > 7)							
		\dot{V}_{nom}		k_{vs} theor.¹⁾		DN		Δp_s	Δp_{max}	Δp_s	Δp_{max}
		[l/s]	[l/min]	[m ³ /h]	[mm]	[Zoll]	[kPa]	[kPa]	[kPa]	[kPa]	
P6065W800E-MP		8	480	45	65	2 1/2"	690	340			
P6080W1100E-MP		11	660	65	80	3"	690	340			
P6100W2000E-MP		20	1200	115	100	4"			690	340	
P6125W3100E-MP		31	1860	175	125	5"					
P6150W4500E-MP		45	2700	270	150	6"			690	340	

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

2) Actuator is a component of the valve

Control, operating range, position feedback, running time and further functions are parameterisable with PC-Tool