

HR Ficha Técnica

BOMBA DOSIFICADORA SOLENOIDE HR DE MONTAJE MURAL

Información General

La Serie HR es una bomba dosificadora digital con controlador de pH/Redox integrado. Permite dosificación constante o proporcional según el valor de pH o Redox medido, con entrada para sonda PT100 (compensación térmica), relé de alarma por repetición, entrada On-Off remota y salida 4-20 mA para retransmisión de medida. Con cinco modelos en el rango, cubre caudales de 0,4 a 110 l/h y contrapresión de 0,1 a 20 bar.



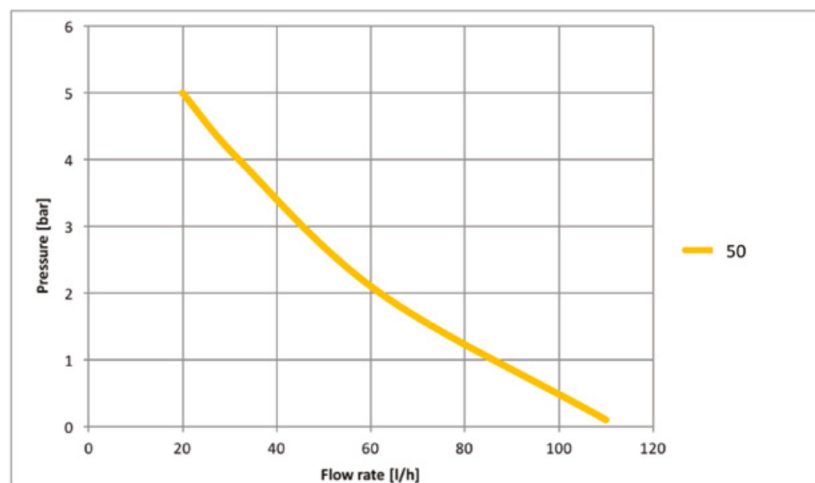
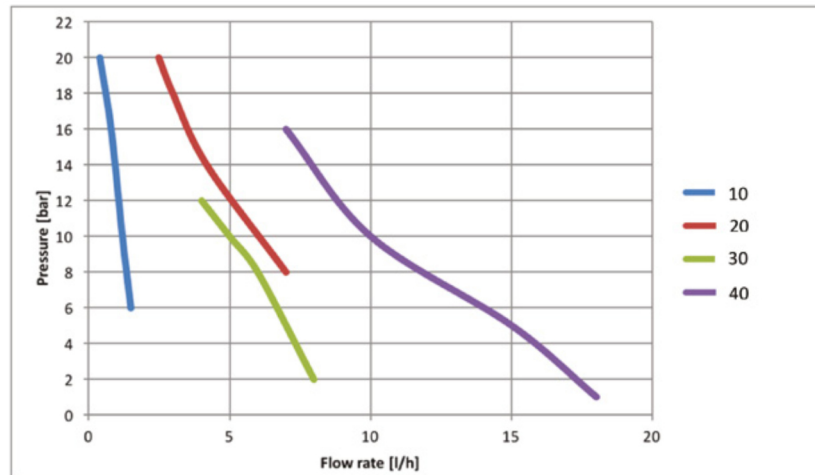
Características

- Dosificación proporcional a pH o Redox medido
- Entrada PT100 (compensación térmica)
- Relé de alarma por repetición
- Entrada On-Off remota
- Salida 4-20 mA
- Caudal: 0,4 a 110 l/h
- Presión: hasta 20 bar
- Alimentación: 100÷240 Vac 50/60 Hz
- Cabezal: PVDF
- Diafragma: PTFE
- IP65

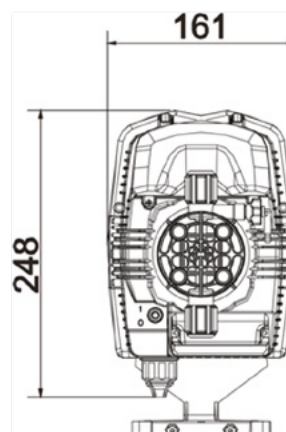
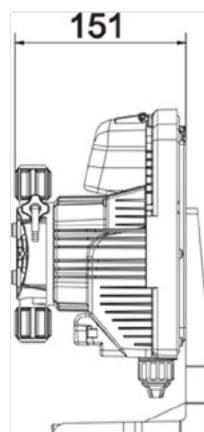
Aplicaciones

- Tratamiento de aguas residuales
- Industria láctea
- CIP (limpieza en el lugar)
- Acuicultura
- Agua potable
- Torres de enfriamiento
- Calderas
- Ósmosis inversa
- Industria galvánica
- Riego

HR Series curvas de rendimiento



HR Series plano dimensional general



H Series key code

Model									
HS	Analogue interface - Constant flow rate, manually adjustable.								
HL	Analogue interface - Constant flow rate, manually adjustable. Level control input.								
HP	Analogue interface - Constant flow rate, manually adjustable. Proportional flow rate according to an external analogue (4-20 mA) or digital signal (water meter, 1:n or n:1).								
HG	Digital interface - Constant flow rate, manually adjustable. Proportional flow rate according to an external analogue (4-20 mA) or digital signal (water meter, 1:n or n:1). Timer function, ppm proportional dosing. Statistics. Password Input ON-OFF (remote control). Available with communication via Modbus protocol.								
HK	Digital interface - Constant flow rate, manually adjustable. Timed dosing with a weekly programmable timer, programmable timed relay by activating a dry contact								
HR	Digital interface - Constant flow rate, manually adjustable. Proportional dosing according the measured pH or redox value. PT100 probe input for thermal compensation. Repetition alarm relay. Input On-Off for remote control. 4÷20 mA output for measure transmission. Available with communication via Modbus protocol.								
	Hydraulics	Pressure [bar]	Flow rate [l/h]	Capacity [cc/stroke]	Frequency [stroke/1']	Ø Hydr Connections IN / EXT.[mm]			
10		20	0.4	0,06	120	4 / 7 discharge 4 / 6 suction			
		16	0.8	0,11					
		10	1.2	0,17					
		6	1.5	0,21					
20		20	2.5	0,35	120	4 / 7 discharge 4 / 6 suction			
		18	3	0,42					
		14	4.2	0,58					
		8	7	0,97					
30		12	4	0,42	160	4 / 6			
		10	5	0,52					
		8	6	0,63					
		2	8	0,83					
40		16	7	0,38	300	4 / 6			
		10	10	0,55					
		5	15	0,83					
		1	18	1,00					
50		5	20	1,11	300	8 / 12			
		4	32	1,78					
		2	62	3,44					
		0.1	110	6,11					
Power supply									
	N	100÷240 Vac 50/60 Hz							
	L	12Vdc							
						only HS and HG			
		Liquid end	Body						
		H	PVDF						
		A	PVDF - automatic degassing only for hydraulic 20 - 30 - 40						
		I	SS316L						
						only for hydraulic 20 - 30 - 40			
			Installation kit	Body					
			H	PVDF					
				Standard					
			X	with 1.5 bar injection valve					
				not for hydraulic 50					
			0	without kit					
				only with Liquid End "I"					
				Seals					
				0	FKM-B				
				1	EPDM				
				2	PTFE				
					Standard with Liquid End "I"				
				3	FFKM				
					Installation kit with PTFE seals (not for Hydraulic 50)				
					Market				
					0				
						Customisation			
						N			
							Optional		
							0	Standard	
							M	Modbus	only for HG and HR 30 and 40
HL	20	N	H	H	0	0	N	0	