

HP Ficha Técnica

BOMBA DOSIFICADORA SOLENOIDE HP DE MONTAJE MURAL

Información General

La Serie HP es una bomba dosificadora analógica con dos rangos de frecuencia de caudal: dosificación constante ajustable manualmente, y caudal proporcional según una señal externa analógica (4-20 mA) o digital (contador de agua). Incluye un selector de seis posiciones: tres en modo división (1, 4, 10=n), una en modo multiplicación ($n=1 \div 10$), una para señal proporcional 4-20 mA y una para funcionamiento constante, con función de pacing ajustable por dip-switch. Con cinco modelos en el rango, cubre caudales de 0,4 a 110 l/h y contrapresión de 0,1 a 20 bar.



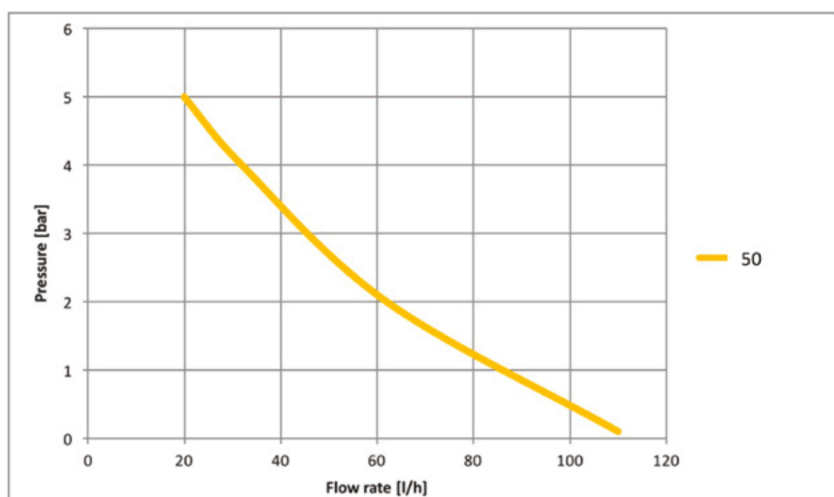
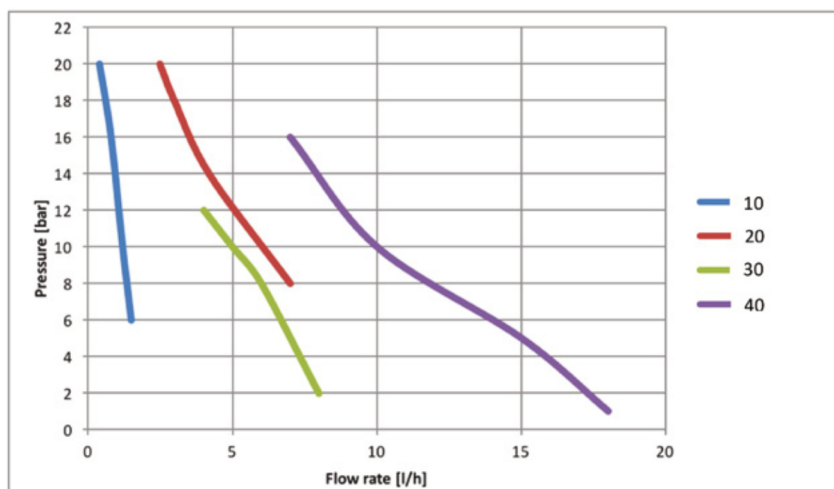
Features

- Flow rates: 0.4 - 110 l/h
- Max. backpressure: up to 20 bar
- Power supply: 100÷240 Vac - 50/60 Hz
- Stroke rate: 120 - 300 strokes/minute
- Pump head: PVDF
- Diaphragm: PTFE
- External enclosure: PP reinforced with IP65-rated fibreglass
- Manual priming valve
- Installation kit included

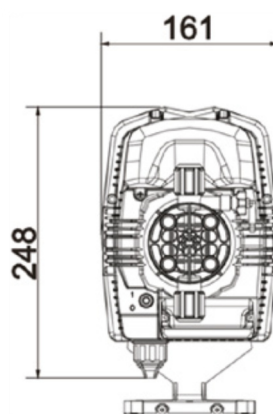
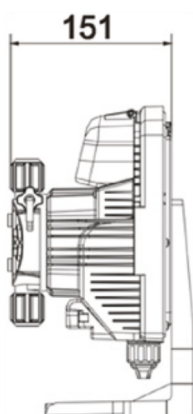
Applications

- Wastewater treatment
- Dairy
- CIP
- Fish farming
- Drinking water
- Cooling towers
- Boiler
- Reverse osmosis
- Galvanic industry
- Irrigation

HP Series curvas de rendimiento



HP 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	