

Spring PS2 HP

Spring plunger piston dosing pump for high pressure

- Flow rate range: 2.5 - 12 l/h, up to 100 bar
- Wetted parts: SS316L, PTFE, NBR
- The PS2 HP series of high-pressure piston dosing pumps can adapt to a large number of applications. Like other variants in the Spring pump series, PS2-HP has a spring-return mechanism in a sturdy aluminium housing but is equipped with special pump bodies, expressly recommended for high-pressure applications that allow this range to dose with backpressures up to 100 bar.
- This model has two stroke rates. Stroke lengths can be set manually with a knob. To achieve the given performance, these pumps need to be actuated by a 3-phase motor, provided with an IP55 protection classification.
- Spring PS2 HP has been designed for use in applications requiring an economic and practical solution for dosing small amounts of product at high pressure, up to 100 bar: in a boiler, for example.



Specification

Model	Piston Diameter [mm]	Stroke length [mm]	Frequency [stroke/1']	Flow rate [l/h]	Max pressure [bar]	Connections	Motor [kW/pole]	Weight [kg]	Packing size L x W x H [mm]
PS2E006A20D40H0	6	25	58	2.5	100	BSPm 1/4"	0.55/4 (D4)	10	435 x 295 x 520
PS2E006C20D40H0			116	5					
PS2E010A20D40H0	10		58	6					
PS2E010C20D40H0			116	12					

Spring PS2 HP key code

Model									
P	Piston pump								
Mechanism type									
	S2	Spring return							
Stroke length [mm]									
	E	25							
Piston diameter [Ø mm]									
		006	6						
		010	10						
Stroke/1' Ratio									
		A	58	24:1					
		C	116	12:1					
Pump head Head Piston Valves Seat valves Seal valves Piston seal									
		20	SS316L	SS316L	SS316L	SS316L	PTFE	NBR+PTFE	
Motor type kW Supply Size									
		S0	Without motor						
		D4	0.55 - 3ph	230 - 400 Vac, 50/60 Hz			80-B14		
Stroke regulation									
		0	Manual with adjustment knob						
Customisation									
		H	High pressure						
Optional									
		0	Standard						
P	S2	E	010	C	20	D4	0	H	0

