

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

