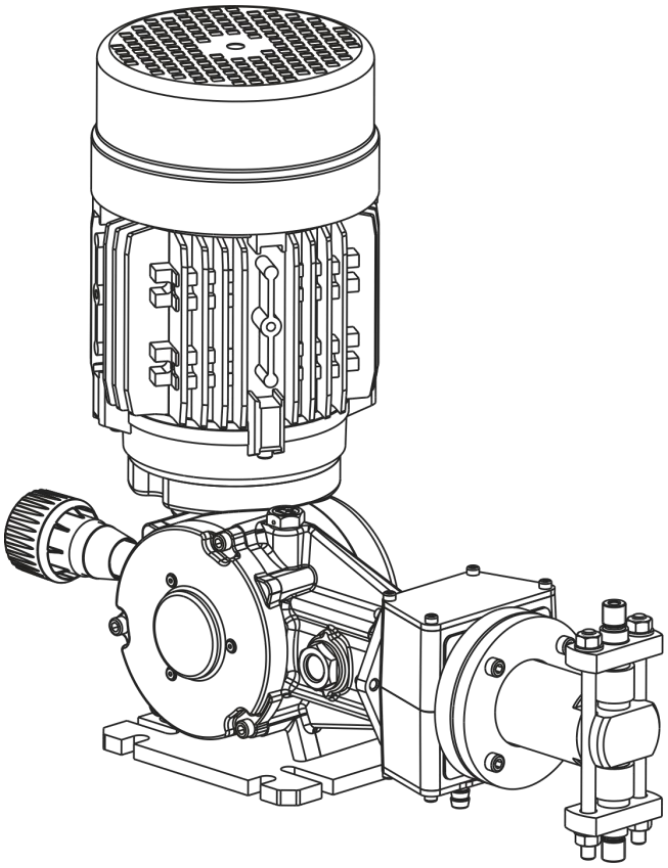
DOSING PUMP

SPRING SERIES – PS2_HP – Plunger piston pump



Technical characteristics

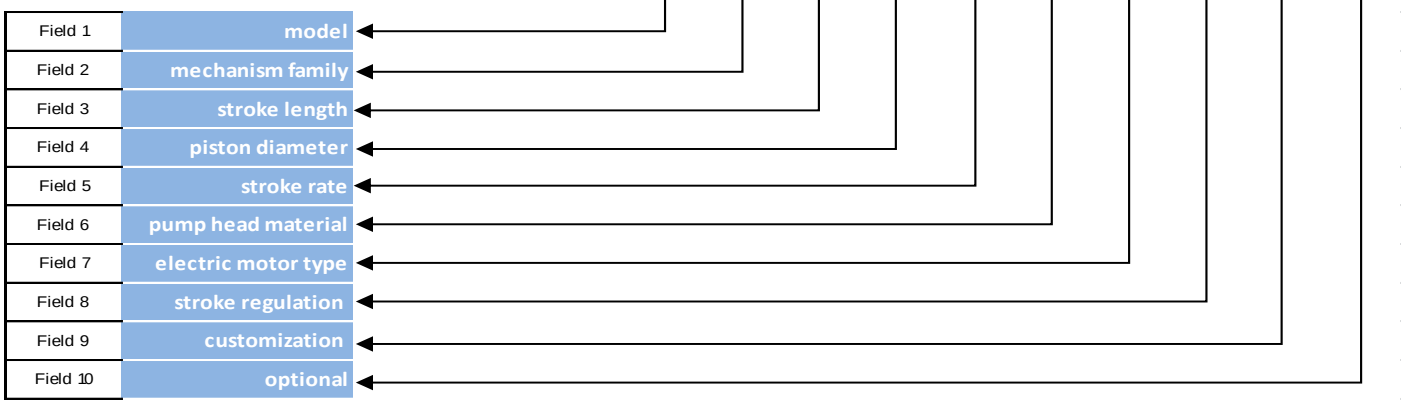
- Flow rates: from 0.25 to 12 l/h
- Max Pressure: 100 bar (1450 psi)
- Motor: 0.55 kW - 3 ph (IP55)
- Stroke rate: 58 – 116 strokes/minute
- Stroke length: 25 mm
- Piston diameter: 6 ÷ 10 mm
- Pump head: SS 316 L
- Max. dosing temperature: 80˚ C
- Ambient dosing temperature: +5 ÷ +45 ˚C
- Stocking temperature: -10 ÷ +50 ˚C

Seko plunger piston pump PS2 Series has a wide range product. PS2_HP Series performances cover a range from 0.25 to 12 l/h with 100 bar back pressure. Like other Spring pump models, PS2_HP have a spring return mechanism into an aluminum housing.
This model has 2 values of stroke rate and 25 mm of stroke length, which can be set manually or automatically using a linear actuator AKTUA Series, which accepts a signal 4 – 20 mA. This pump is supplied with a 3 phases electric motor with protection class IP55.

This pump can be used in all those applications that require a particularly economical and convenient solution for dosing small quantities of product with high backpressure (for example, into the boiler in the water treatment, up to 100 bar).

PUMP KEY CODE

Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field 7	Field 8	Field 9	Field 10
P	S2	E	006	C	20	D4	0	H	0



Field 1	model	**P**	*Plunger Piston*
Field 2	mechanism family	**S2**	*[Piston]*
Field 3	stroke length	**E**	*25 [mm]*
Field 4	piston diameter	**006**	*6 [mm]*
		010	*10*
Field 5	stroke rate	**A**	*58 [stroke/1']*
		C	*116*

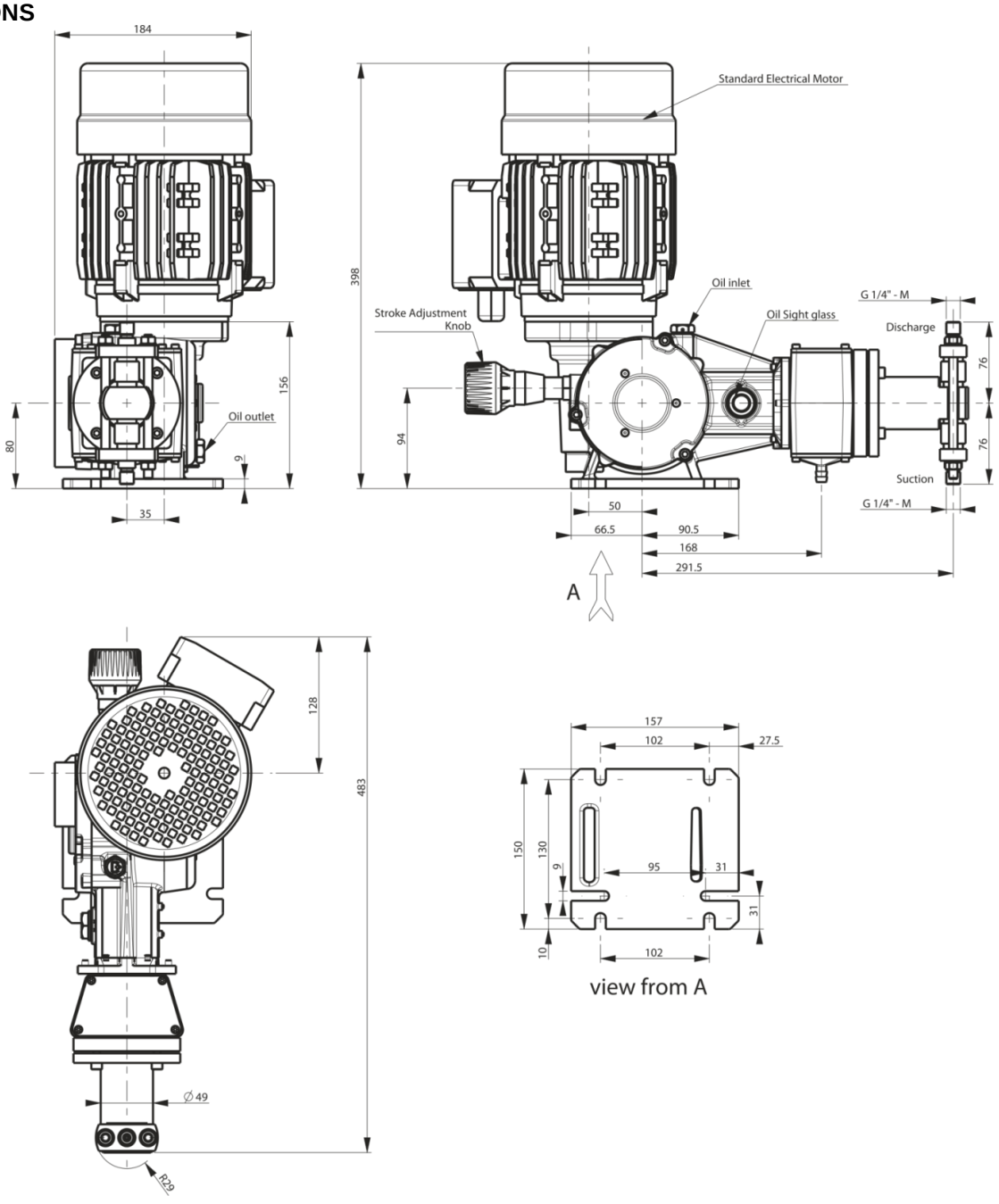
Field 6	pump head material		*head*	*piston*	*valves*	*seat valves*	*seal valves*	*piston seal*
		20	SS316L	SS316L	SS316L	SS316L	PTFE	NBR+PTFE

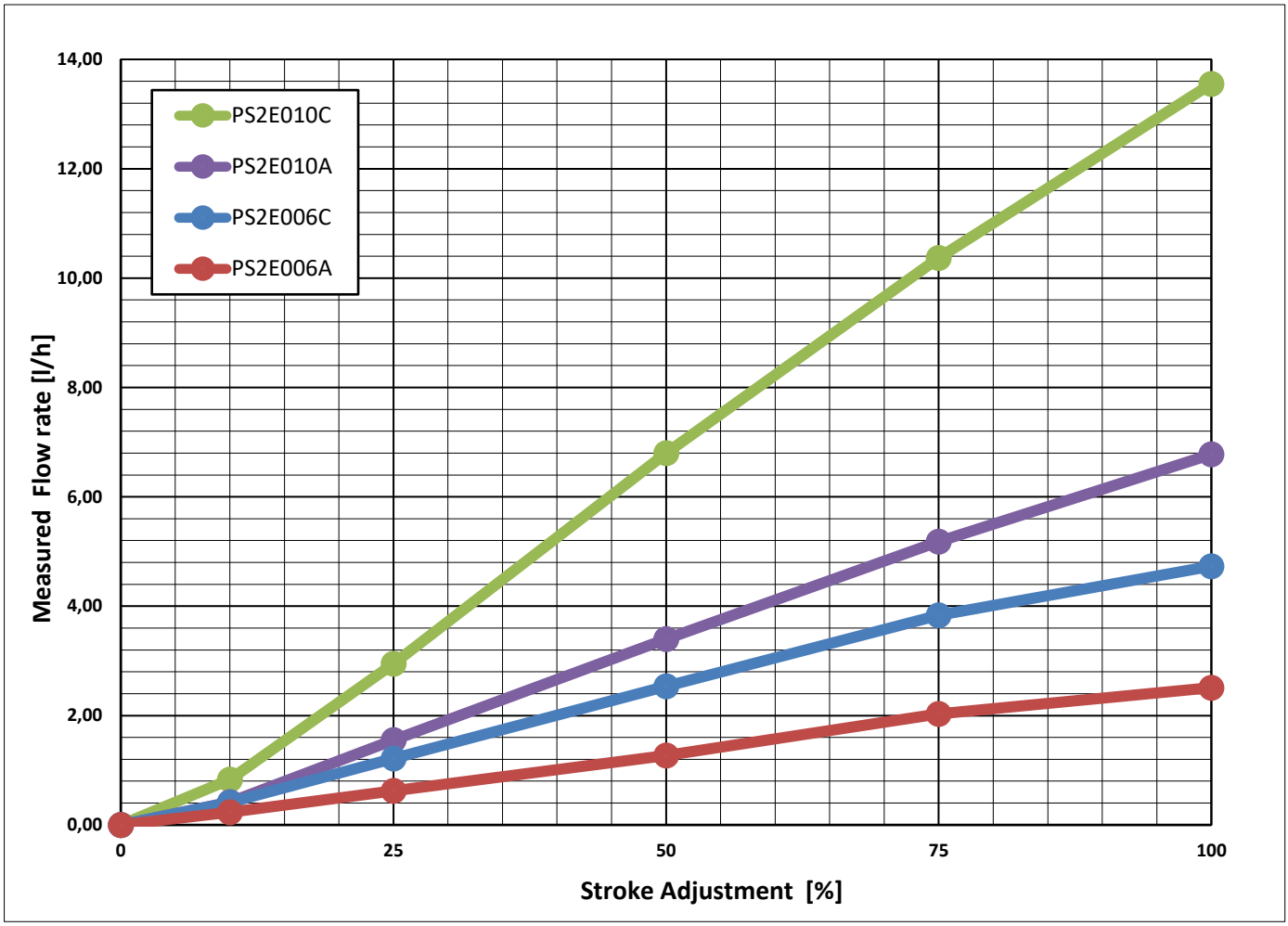
Field 7	electric motor type	**S0**	*WITHOUT motor*
		D4	*0,55 kW (4 poles - 3phases 230-400 Vac 50/60 Hz - size 80-B14)*
Field 8	stroke regulation	**0**	*Manual with adjustment knob - STANDARD*
		L	*Automatic Linear Actuator AKTUA series*
Field 9	customization	**H**	*High Pressure*
Field 10	optional	**0**	*Standard*

HYDRAULIC CHARACTERISTICS

Pump Model	Piston Diameter [mm]	Stroke/min	Flow rate		Max back pressure		Suction/Discharge Connection	Electric Motor 50/60 Hz 3 phases [kW]
					bar	p.s.i.		
			l/h	gl/h	SS 316L		SS 316L	
P S 2 E 0 0 6 A	6	58	2.5	0.66	100	1450	1/4" G M	0,55 (D4)
P S 2 E 0 0 6 C		116	5	1.32				
P S 2 E 0 1 0 A	10	58	6	1.58				
P S 2 E 0 1 0 C		116	12	3.17				

DIMENSIONS




14,00
12,00
10,00
8,00
6,00
4,00
2,00
0,00
Measured Flow rate [l/h]
PS2E010C
PS2E010A
PS2E006C
PS2E006A
0
25
50
75
100
Stroke Adjustment [%]