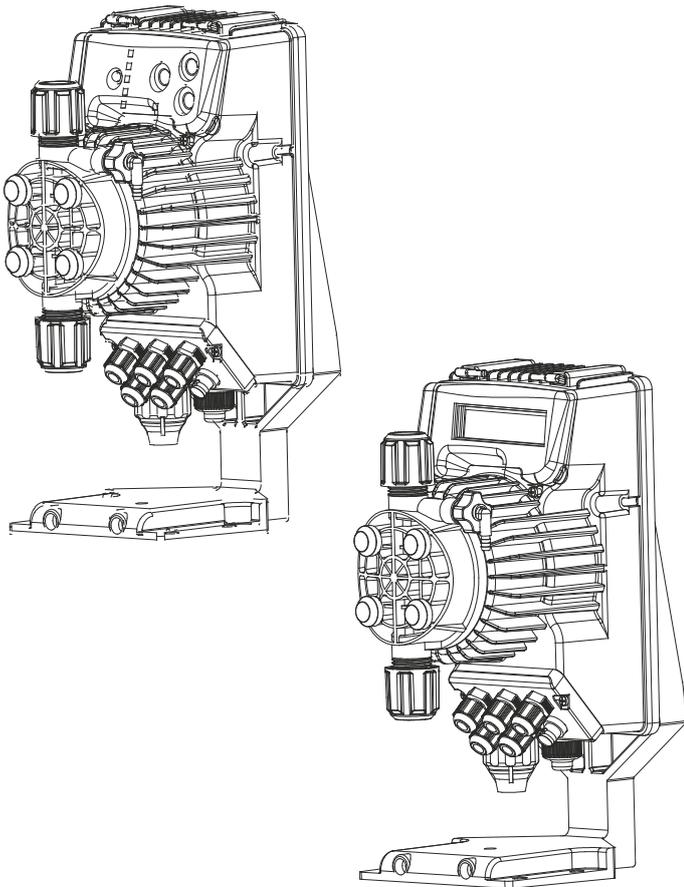


TECHNICAL CHARACTERISTICS

- Flow rates: from 3 to 5 l/h
- Max back pressure: up to 10 bar
- Power supply:
 - 12 Vdc
- Stroke rate: 300 strokes/minute
- Pump head: PVDF
- Diaphragm: PTFE
- External Enclosure: PP reinforced with fiber glass protection degree IP65
- Manually priming valve
- Installation kit: Included



Seko Tekna 12 Vdc Series is composed of two models:

- **AKS** - an analog dosing pump with constant flow rate, which is manually adjustable by a knob mounted on the front panel. The flow rate has two frequency ranges:
 - 0÷20 % of max flow rate
 - 0÷100% of max flow rate
- **TPT** - digital dosing pump with constant flow rate manually adjustable, with proportional flow rate according to an external analog (4-20 mA) or digital signal (water meter); Batch mode; Timer function; ppm proportional dosing; Statistics; Password; Input ON-OFF (remote control), pH/Redox control meter on board, PT100 or PT1000 (selectable) probe input (thermal compensation).

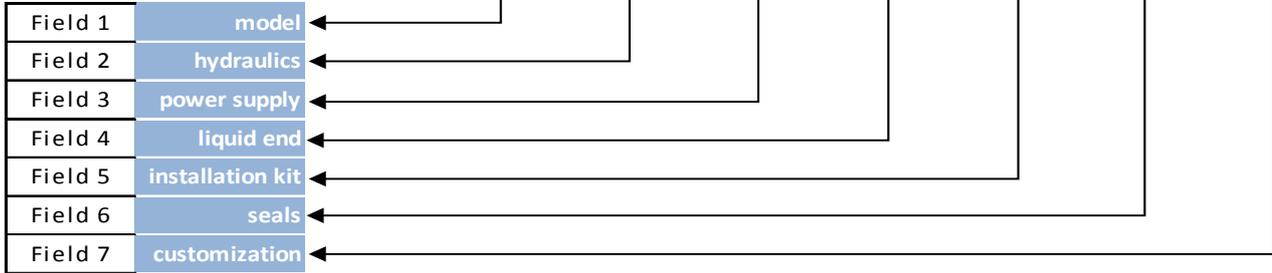
This series has been designed for use in conjunction with solar panels, batteries for cars, and all those situations where you can't use a power supply network. One size that pump can cover a range of performances, having a flow rate range from 3 to 5 l/h and a back pressure from 5 to 10 bar. The standard pump head is in PVDF, therefore high chemical compatibility with several liquids end but is available in PVC as well, on request.

All Tekna series are equipped with a manually priming pump for the start up.

The pump is furnished with a complete standard installation kit, which includes: PVDF foot filter and injection valve, PVC suction tube, PE delivery tube. Moreover is available an installation kit in PVDF-T, on request.

PUMP KEY CODE

Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field 7
AKS	812	L	H	P	0	000



Field 1	model	Analog	Digital
		AKS	TPT

Field 2	hydraulics	bar	l/h	stroke/1'	ml/stroke	tubing Ø	consumption
812		10	3	300	0,17	in - 4/6 out - 4/6	
		8	4		0,22		
		5	5		0,28		

Field 3	power supply
	L 12 Vdc

Field 4	liquid end	Body	Connections	Balls	Diaphragm
	H	PVDF	PVDF	Ceramic	PTFE
	A	PVDF	PVDF	Ceramic	PTFE
	I	SS 316L		SS 316L	PTFE

A Pump head with automatic degassing valve.

Field 5	installation kit
	H PVDF
	P PVDF-T

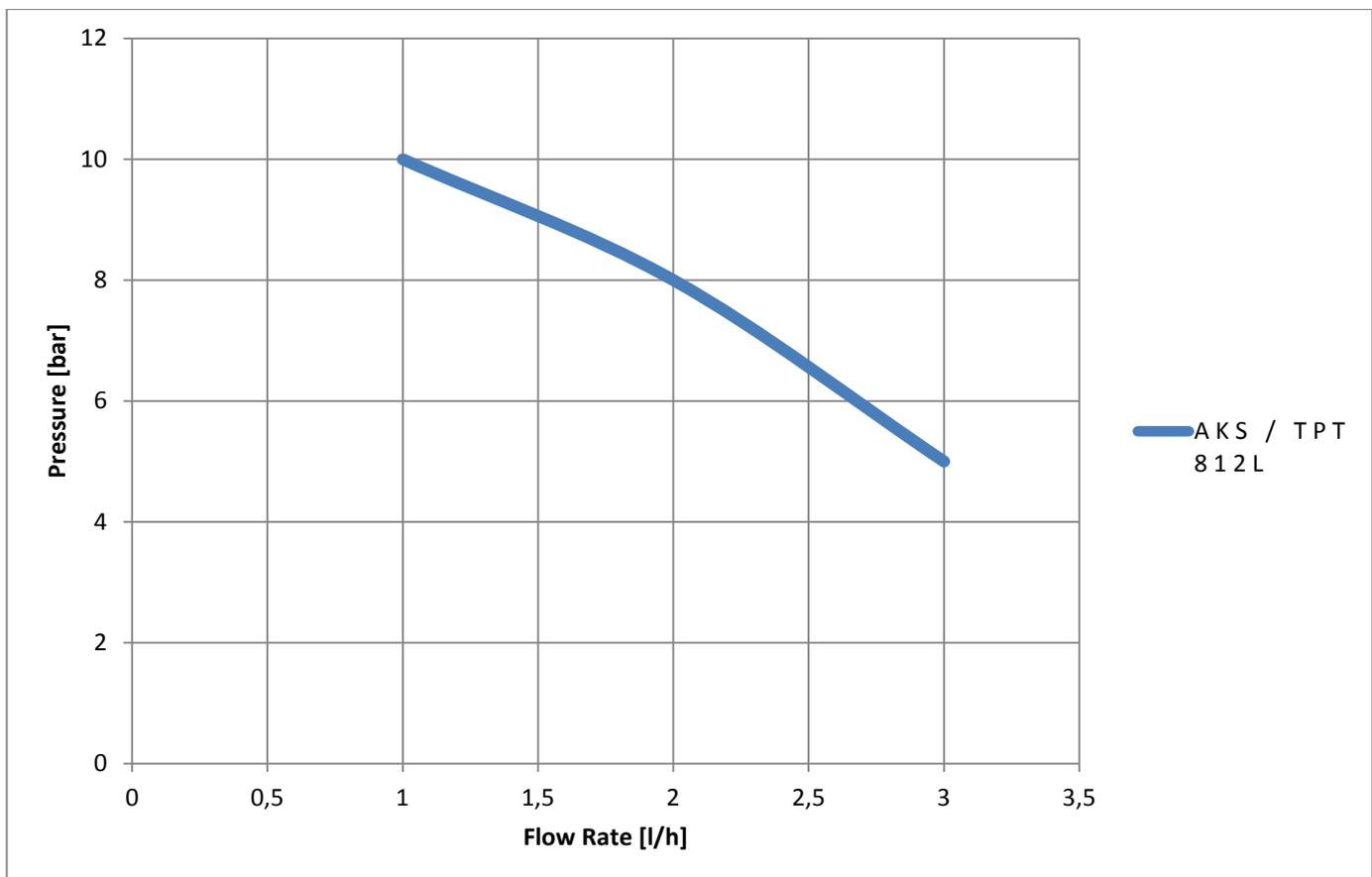
Field 6	seals
	0 FPM
	1 EPDM
	2 PTFE

Field 7	customization
	000 standard

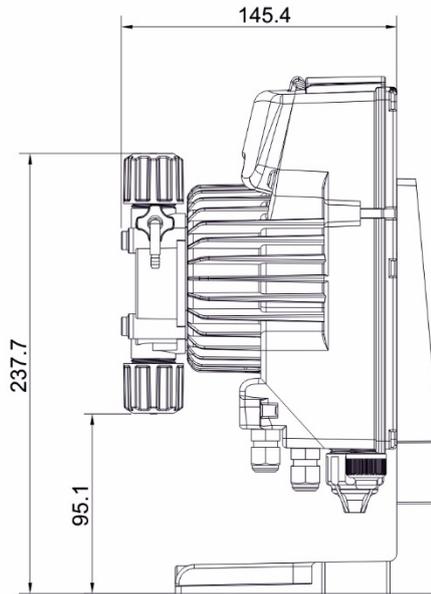
HYDRAULIC CHARACTERISTICS

Pump Model	Pressure [bar]	Flow Rate [l/h]	Frequency max [stroke/min]	Stroke capacity [cc/stroke]	Connection [mm]		Power supply	Max Absorption [A]	Consumption [W]	Peak Power [W]
					Suction	Discharge				
AKS / TPT 812L	10	3	300	0,17	4/6	12 Vdc	4,5	6,5 rms	66	
	8	4		0,22						
	5	5		0,28						

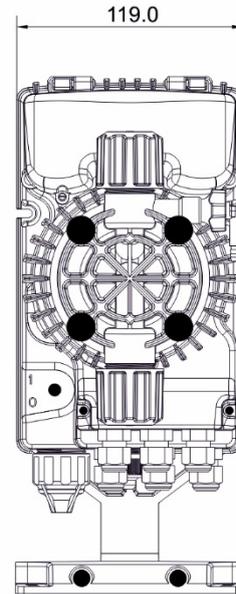
The Pressure Data in the table refer to the measured parameters on the plant, including the use of SEKO STANDARD injection fitting.



DIMENSIONS



812



812

INSTALLATION KIT

PVDF PVDF-T

PVDF foot filter	•	
PVDF injection valve	•	
PVDF-T foot filter		•
PVDF-T Injection valve		•
PVC suction tube (4 m)	•	
PE delivery tube (2 m)	•	
Wall and base fixing bracket	•	