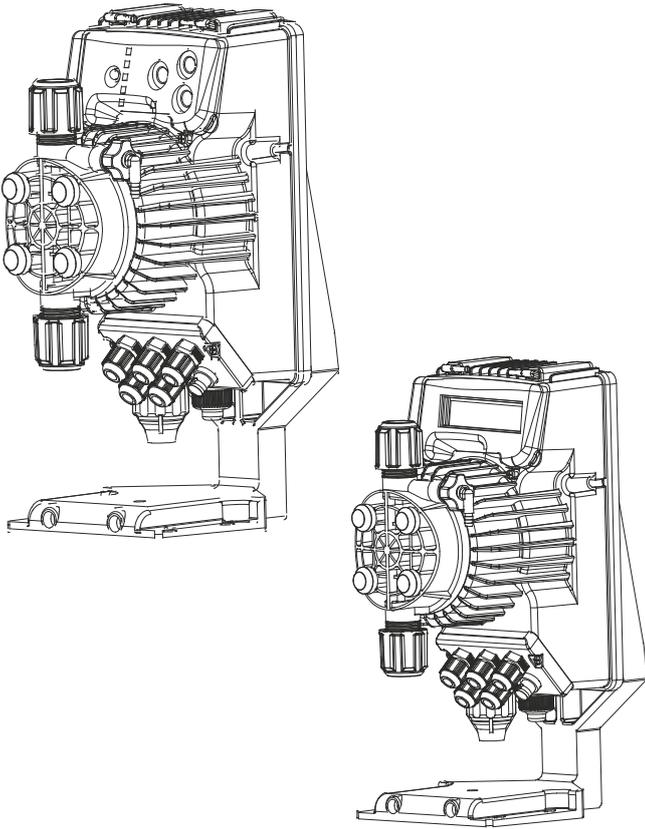


TECHNICAL CHARACTERISTICS

- Flow rates: from 2 to 15 l/h
- Max back pressure: up to 7 bar
- Power supply:
 - 24 Vac
- Stroke rate: 160 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 24 Vac Series is composed of two models:

- **AKL** - analogic dosing pump with constant flow rate, which is manually adjustable by a knob mounted on the front panel, in addition there is the level control input than the Tekna AKS.
 - 0÷20 % of max flow rate
 - 0÷100% of max flow rate
- **APG** - Analog 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). 6 positions adjustable switch: 3 in division mode (1, 4, 10=n), 1 in multiplication mode (n=1), 1 for proportional mode 4-20 mA signal, 1 for constant functionality. Pacing function adjustable by dip switch.

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 2 to 15 l/h and a back pressure from 0.2 to 7 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.

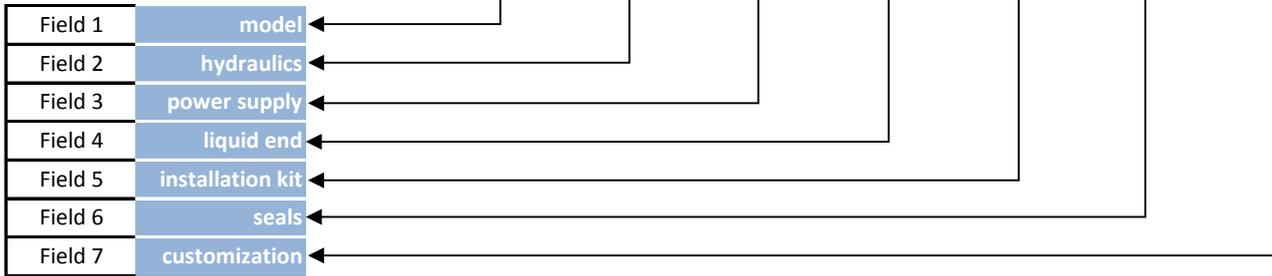
DOSING PUMP

TEKNA 24 VAC SERIES – Solenoid Dosing Pump



PUMP KEY CODE

Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field 7
AKL	603	O	H	P	0	000



Field 1	model	Analog	
	AKL	APG	

Field 2	hydraulics	bar	l/h	stroke/1'	ml/stroke	tubing Ø	consumption
603		7	2	160	0,21	in - 4/6 out - 4/6	
		5	6		0,62		
		0,2	15		1,56		

Field 3	power supply
	O 24 Vac

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

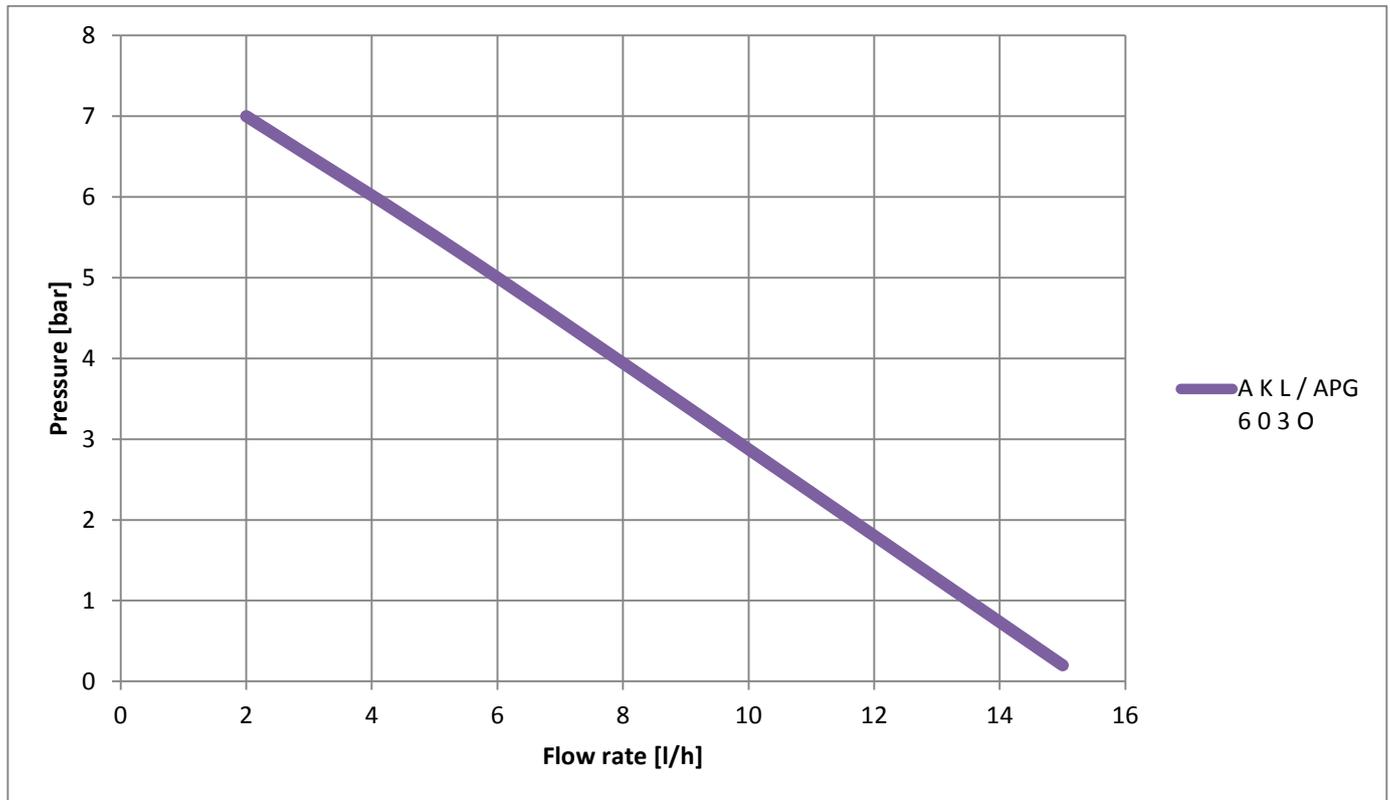
Field 6	seals
	0 FPM
	1 EPDM
	2 PTFE

Field 7	customization
	000 standard

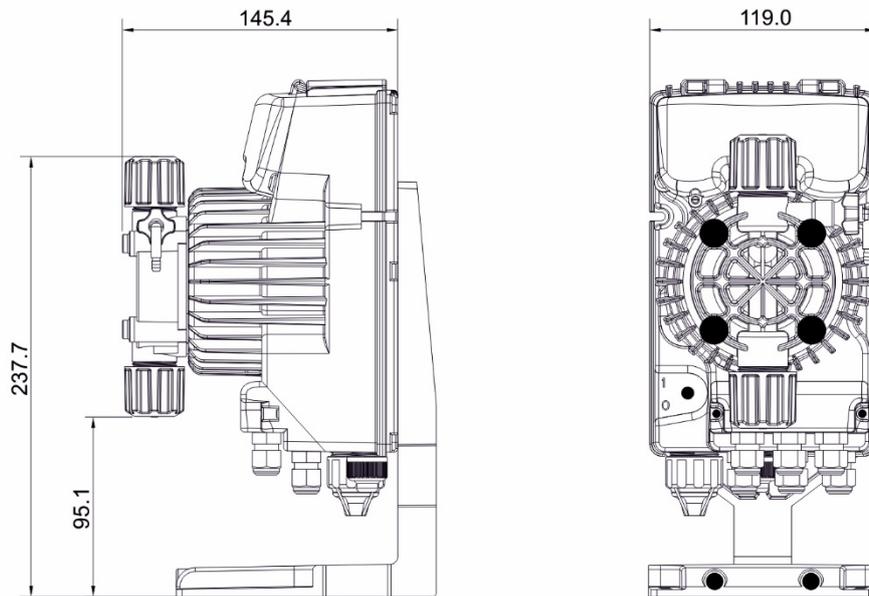
HYDRAULIC CHARACTERISTICS

Pump Model	Pressure [bar]	Flow Rate [l/h]	Frequency max [stroke/min]	Stroke capacity [cc/stroke]	Connection [mm]		Power supply	Consumption [W]	
					Suction	Discharge		Min	Max
A K L / APG 6 0 3 0	7	2,0	160	0,21	4/6	4/6	24÷48 Vac	-	24,0
	5	6,0		0,62					
	0	15,0		1,56					

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



DIMENSIONS



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	•	