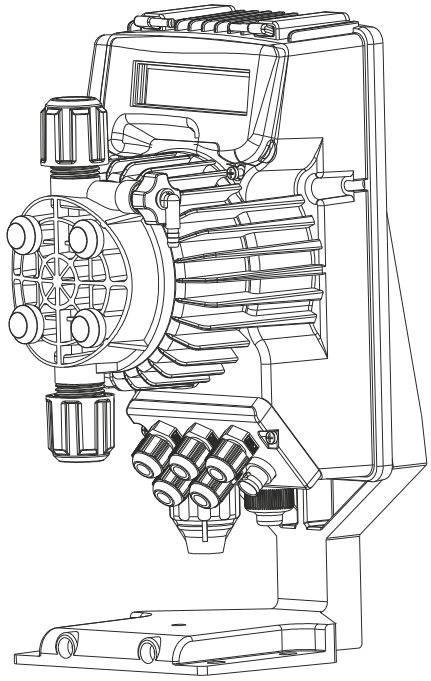
DOSING PUMP

TEKNA TPG300 SERIES – Solenoid Dosing Pump

TECHNICAL CHARACTERISTICS



- Flow rate: 0.5 l/h
- Max back pressure: 5 bar
- Power supply: 100÷240 Vac - 50/60 Hz
- Stroke rate: 60 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 TPG300 is a special model of TPG Series, characterized by a very low flow rate:

- constant flow rate manually adjustable
- proportional flow rate according to an external analogic (4-20 mA) or digital signal (water meter, 1:n or n:1)
- Timer function
- ppm proportional dosing
- Statistics
- Password
- Input On-Off (remote control)

The power supply is 100÷240 Vac – 50/60 Hz, therefore the same pump can operate with different supply voltage. The standard pump head is in PVDF, therefore high chemical compatibility with several liquids end. Like all pumps in the Tekna TPG series, also this model is 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.

The ambient temperature at the site of pump installation cannot exceed 40°C, and the relative humidity cannot be above 90%; the pump cannot be installed in a place exposed to sun or bad weather.

Your Choice,
Our Commitment

DOSING PUMP

TEKNA TPG300 SERIES – Solenoid Dosing Pump

KEY CODE

model

TPG — Constant flow rate manually adjustable. Proportional flow rate according to an external analogic (4-20 mA) or digital signal (water meter, 1:n or n:1). Timer function, ppm proportional dosing. Statistic. Password Input ON-OFF (remote control). Available with communication via ModBus protocol.

hydraulics	*Pressure* [bar]	*Flow rate* [l/h]	*Capacity* [cc/stroke]	*Frequency* [stroke/1']	*Ø Connections* IN / EXT [mm]
300	5	0,5	0,14	60	4 / 6
	4	0,8	0,22		
	3	0,9	0,25		
	2	1	0,28		

power supply

N — 100÷240 Vac 50/60 Hz

liquid end

H — PVDF

installation kit

H — PVDF

P — PVDF-T

seals

0 — FKM-B

1 — EPDM

optional

0 — standard

optional / customization

00 — standard

TPG	300	N	H	P	1	0	0

HYDRAULIC CHARACTERISTICS

Your Choice,
Our Commitment

DOSING PUMP

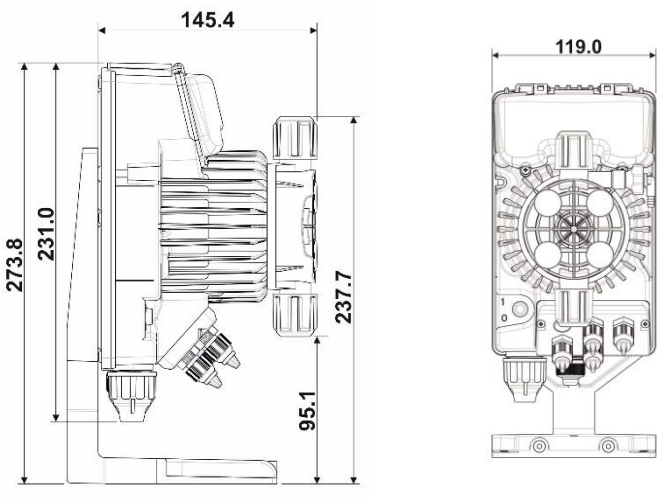
TEKNA TPG300 SERIES – Solenoid Dosing Pump

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
TPG300N	5	0,5	60	0,42	4 / 6		100÷240 Vac	-	-
	4	0,8		0,52					
	3	0,9		0,63					
	2	1		0,83					

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

DIMENSIONS

300

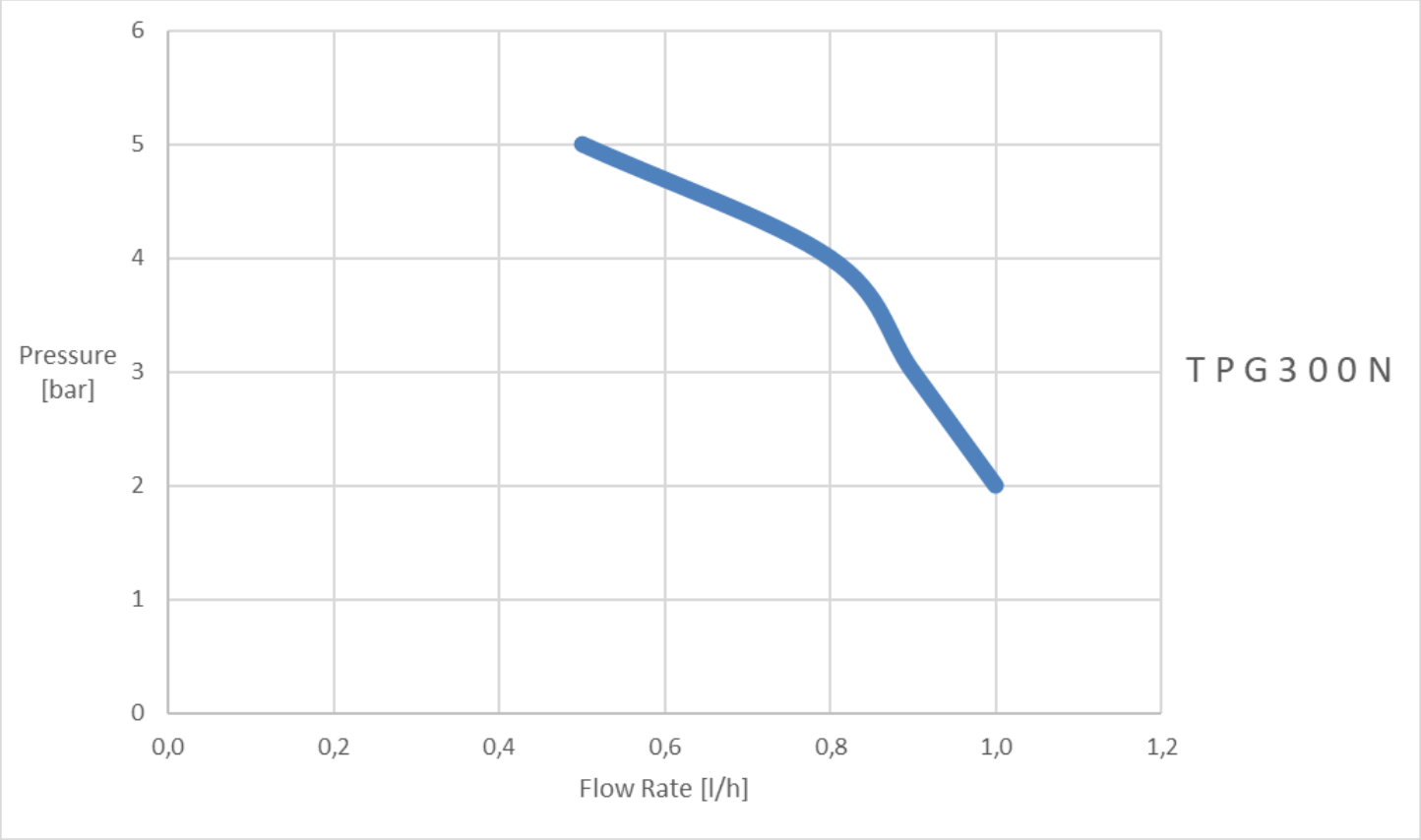


INSTALLATION KIT	PVDF	PVDF-T
foot filter	●	●
injection valve	●	●
PVC suction tube (4 m)	●	
PE delivery tube (2 m)	●	
Wall and base fixing bracket	●	

Your Choice,
Our Commitment

Technical data can be changed without notice.
TD_Tekna_TPG300_Series_rev.3.0

PERFORMANCE



Your Choice,
Our Commitment