



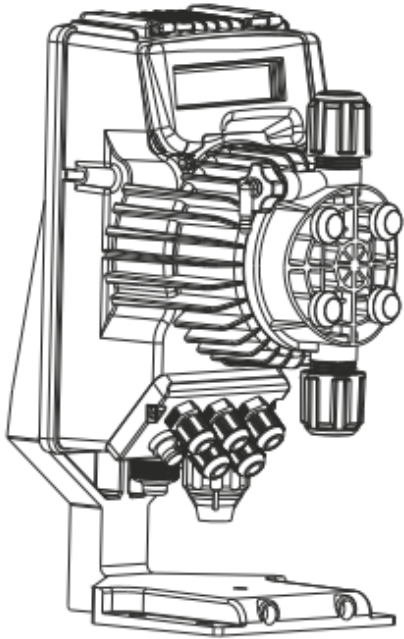
PRODUCT



CATALOGUE

**SEKA Dosing Pump
TPG Series**

TECHNICAL CHARACTERISTICS



- Flow rates: from 0.4 to 110 l/h
- Max back pressure: up to 20 bar
- Power supply: 100÷240V 50/60 Hz
- Stroke rate: from 120 to 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 TPG Series is the digital interface version of APG model:

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)

With only five sizes available, this pump covers a wide range of performances, offering a flow rate ranging from 0.4 to 110 l/h and a back pressure from 0.1 to 20 bar. It operates on a power supply of 100÷240 Vac – 50/60 Hz, making it adaptable to different voltages. The standard pump head is made of PVDF, ensuring high chemical compatibility with various liquids, but can be provided in PVC upon request. The Tekna TPG Series features a manually priming pump for easy start-up.

The pump comes with a standard installation kit that includes a PVDF foot filter and injection valve, PVC suction tube, and PE delivery tube. Additionally, a PVDF-T installation kit is available upon request.

For optimal performance, the ambient temperature at the pump installation site should not exceed 40°C, and the relative humidity should not exceed 90%. Avoid installing the pump in areas exposed to direct sunlight or harsh weather conditions.

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]
500	20	0,4	0,06	120	4 / 7 discharge 4 / 6 suction
	16	0,8	0,11		
	10	1,2	0,17		
	6	1,5	0,21		
600	20	2,5	0,35	120	4 / 7 discharge 4 / 6 suction
	18	3	0,42		
	14	4,2	0,58		
603	12	4	0,42	160	4 / 6
	10	5	0,52		
	8	6	0,63		
	2	8	0,83		
800	16	7	0,38	300	4 / 6
	10	10	0,55		
	5	15	0,83		
	1	18	1,00		
803	5	20	1,11	300	8 / 12
	4	32	1,78		
	2	62	3,44		
	0,1	110	6,11		

power supply

N 100÷240 Vac 50/60 Hz

liquid end

H	PVDF	
A	PVDF - automatic degassing	NOT for 803 hydraulic
I	SS316L	

installation kit

H	PVDF	
P	PVDF-T	
X	with 1,5 bar injection valve	
0	WITHOUT kit	only for SS316L liquid end

seals

0	FKM-B	
1	EPDM	
2	PTFE	
3	FFKM	NOT for 803 hydraulic - kit with PTFE seals
B	FPM	hydraulic 603 and 800
C	EPDM	special seals for Car Wash applications

optional

0 standard

optional / customization

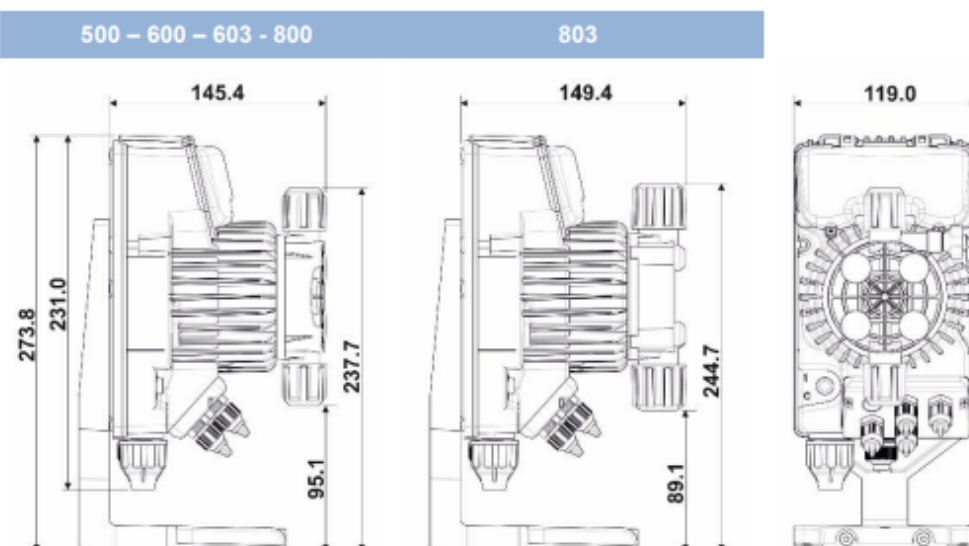
00 standard

TPG 800 N H H 0 0 00

HYDRAYLIC CHARACTERISTICS

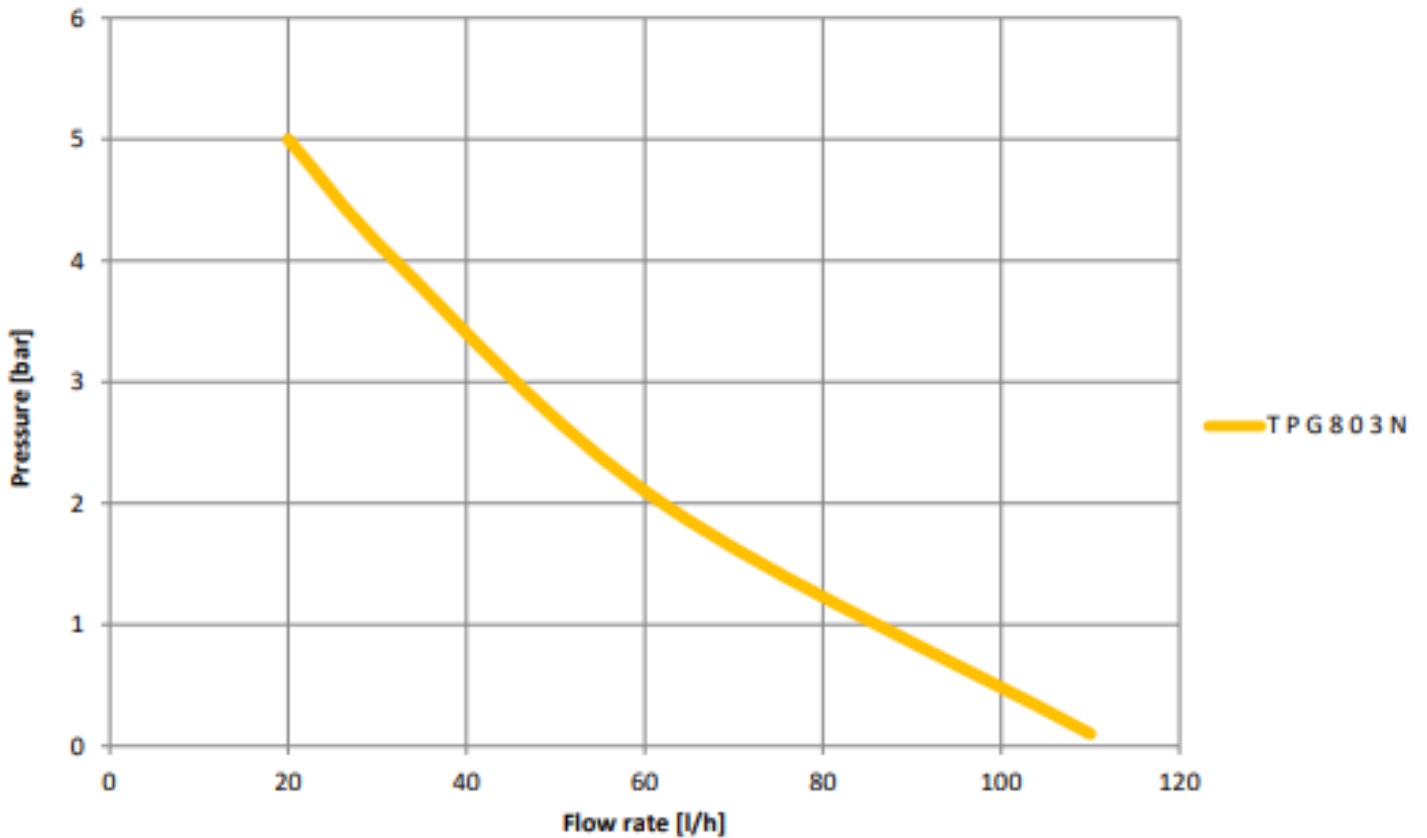
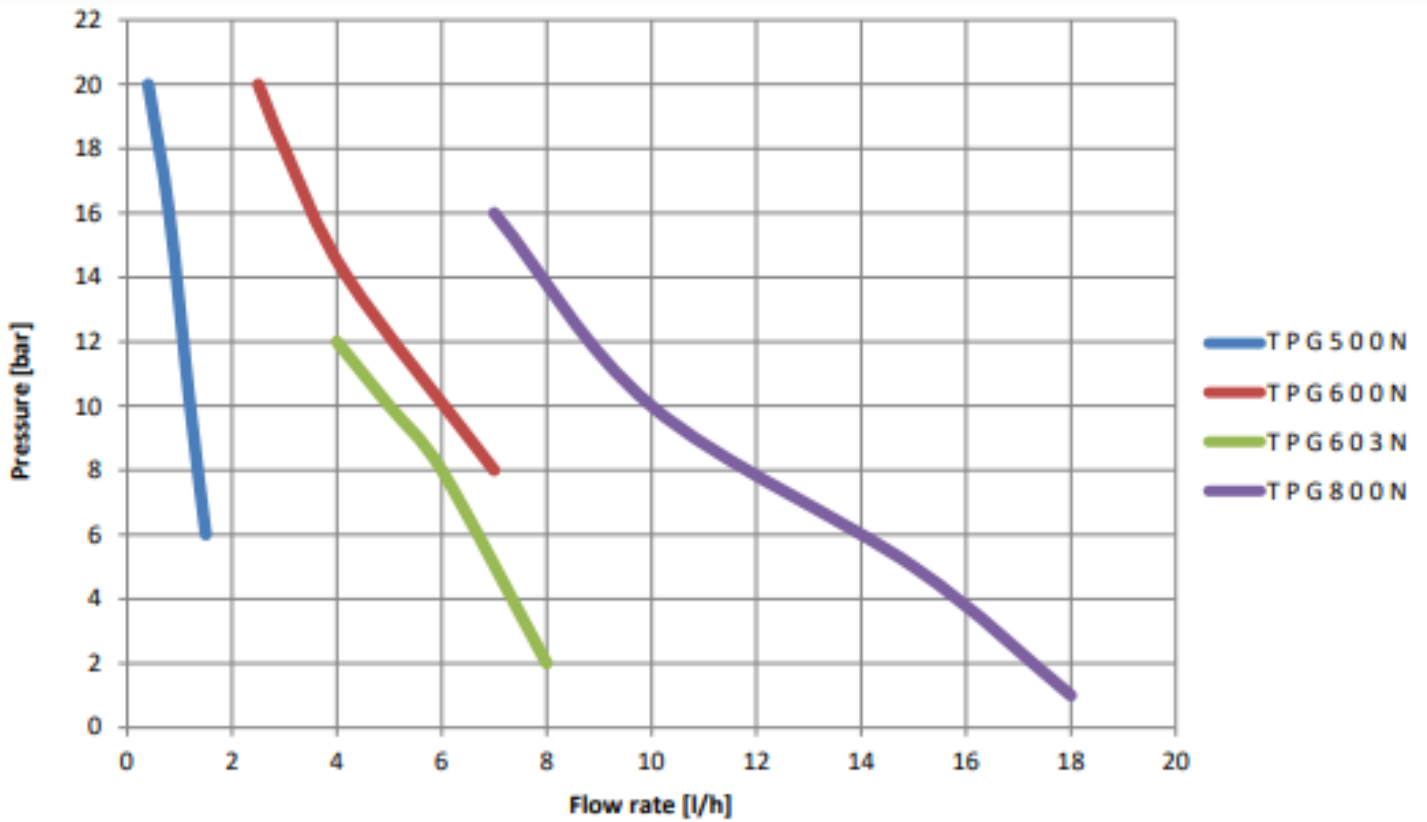
Pump model	Pressure [bar]	Flow Rate [l/h]	Frequency max [stroke/min]	Stroke capacity [cc/stroke]	Connection [mm]		Power supply	Consumption [W]	
					Suction	Discharge		Min	Max
TPG500N	20	0,4	120	0,06	4/6	4/7	100+240 Vac	-	-
	16	0,8		0,11					
	10	1,2		0,17					
	6	1,5		0,21					
TPG600N	20	2,5	120	0,35	4/6	4/7	100+240 Vac	14,0	20,0
	18	3,0		0,42					
	14	4,2		0,58					
	8	7,0		0,97					
TPG603N	12	4,0	160	0,42	4/6	4/6	100+240 Vac	15,0	22,0
	10	5,0		0,52					
	8	6,0		0,63					
	2	8,0		0,83					
TPG800N	16	7,0	300	0,39	4/6	4/6	100+240 Vac	22,0	36,0
	10	10,0		0,56					
	5	15,0		0,83					
	1	18,0		1,00					
TPG803N	5	20,0	300	1,11	8/12	8/12	100+240 Vac	-	-
	4	32,0		1,78					
	2	62,0		3,44					
	0	110,0		6,11					

DIMENSIONS



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

PERFORMANCE CURVES





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