

Technical characteristics

- Flow rates: from 2.5 to 54 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 EVO TMP Series is a digital dosing pump with Chlorine, Hydrogen Peroxide or Per-Acetic Acid controller instrument on board set via software. Its own other features are:

- Constant or proportional dosing according the measured Chlorine, Hydrogen Peroxide or Per-Acetic Acid value
- PT100 probe input for thermal compensation
- Repetition alarm relay
- Input On-Off for remote control
- 4÷20 mA output for measure transmission

Also with this pump, with only 4 sizes, is possible to cover a wide range of performances, having a flow rate range from 2.5 to 54 l/h and a back pressure from 0.1 to 20 bar. 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 but is available in PVC as well, on request.

Also Tekna TMP series 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 PVC, on request.

PUMP KEY CODE

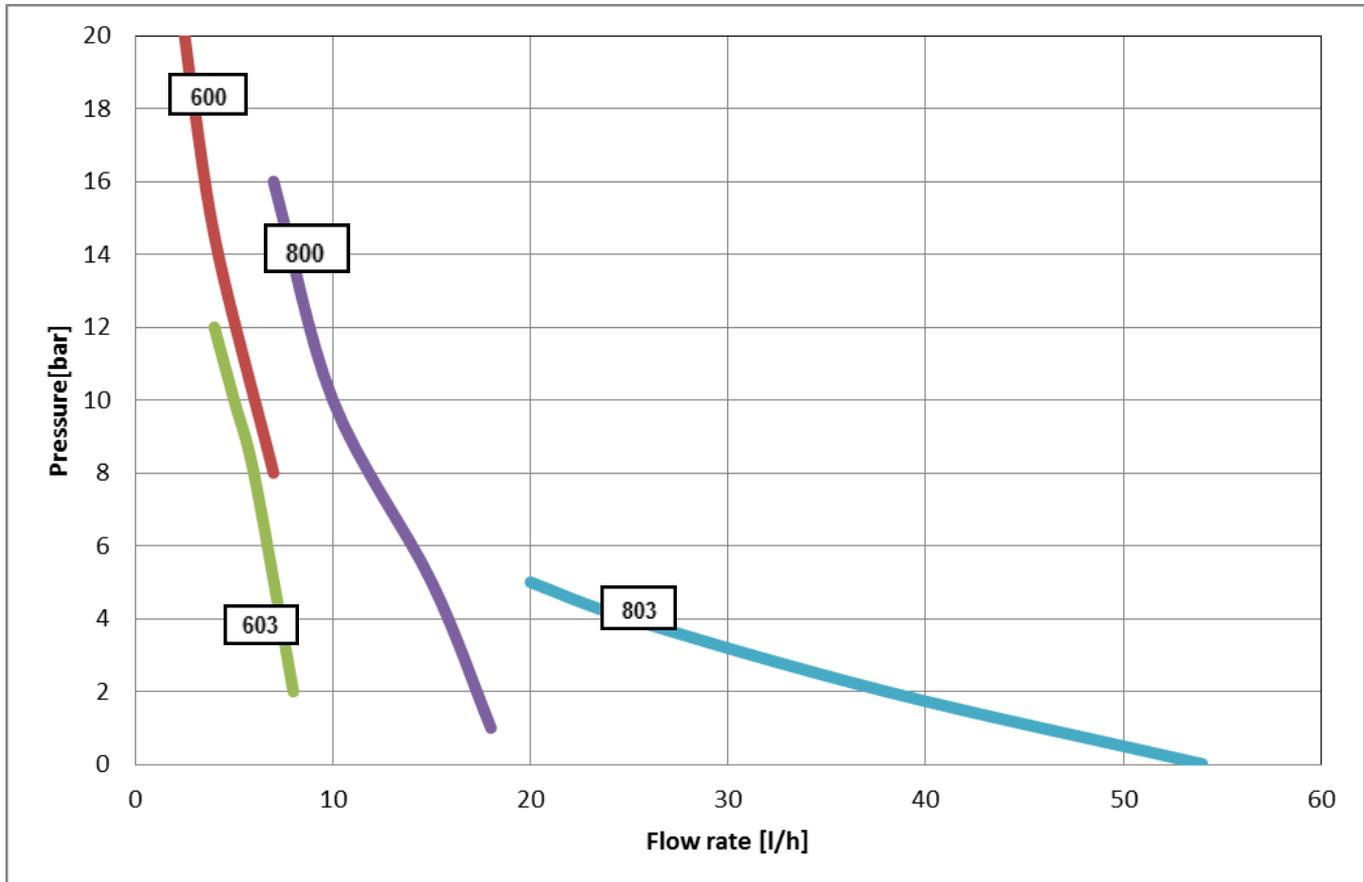
1°	Model					
TMP	Digital dosing pump with chlorine, Hydrogene Peroxide or Per-Acetic Acid controller. Instrument on board set via software. PT100 probe input for thermal compensation. Repet Repatition alarm relay. Input On-Off for r for measure relay.Remote contrl. 4-20 mA output					
	2°	Hydraulic				
		Pressure [bar]	Flow Rate [l/h]	Stroke/min	cc/stroke	
	600	20 18 14 8	2.5 3 4.2 7	120	0.35 0.42 0.58 0.97	
	603	12 10 8 2	4 5 6 8	160	0.42 0.52 0.53 0.63	
	800	16 10 5 1	7 10 15 18	300	0.39 0.55 0.83 1.00	
	803	5 4 2 0.1	20 25 38 54	300	1.11 1.39 2.11 3.00	
	3°	Power Supply				
	N	100÷240 Vac – 50/60 Hz				
	4°	Liquid End				
		Pump head	Connections	Balls	Diaphragm	
	H	PVDF	PVDF	Ceramic	PTFE	*Automatic degassing valve only for TMP603 and 800
	P*	PVC	PVC	Ceramic	PTFE	
	5°	Installation Kit				
	H	PVDF				
	P	PVC				
	6°	Seals				
	0	FPM				
	1	EPDM				
	2	PTFE				
	7°	Options				
	000	Standard				

TMP	800	N	H	H	0	000
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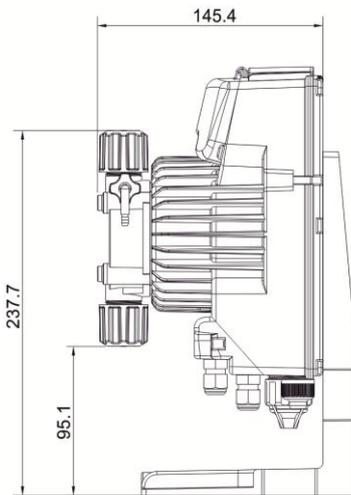
HYDRAULIC CHARACTERISTICS

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
T M P 6 0 0 N	20	2,5	120	0,35	4/6	4/7	100÷240 Vac	12	16
	18	3		0,42					
	14	4.2		0,58					
	8	7		0,97					
T M P 6 0 3 N	12	4	160	0,42	4/6	4/6	100÷240 Vac	17	17
	10	5		0,52					
	8	6		0,63					
	2	8		0,83					
T M P 8 0 0 N	16	7	300	0,39	4/6	4/6	100÷240 Vac	22	27
	10	10		0,56					
	5	15		0,83					
	1	18		1,00					
T M P 8 0 3 N	5	20	300	1,11	8/12	8/12	100÷240 Vac	22	27
	4	25		1,39					
	2	38		2,11					
	0,1	54		3,00					

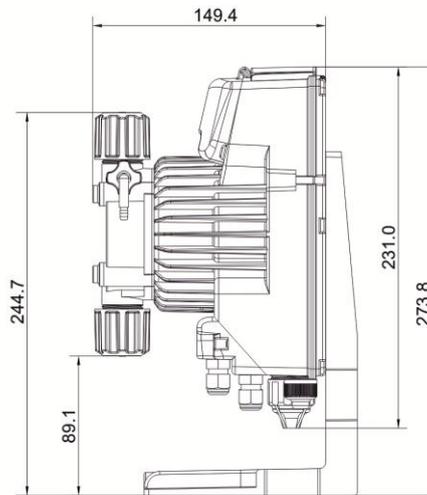
*Minimum consumption at 0 bar of back pressure (Patented)



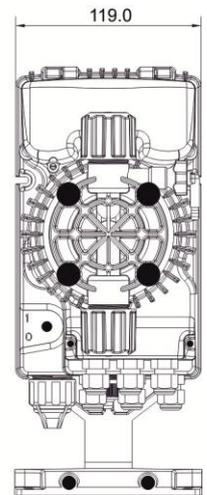
DIMENSIONS



600 – 603 – 800



803



600 – 603 – 800 – 803

INSTALLATION KIT

In PVDF

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

In PVC

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