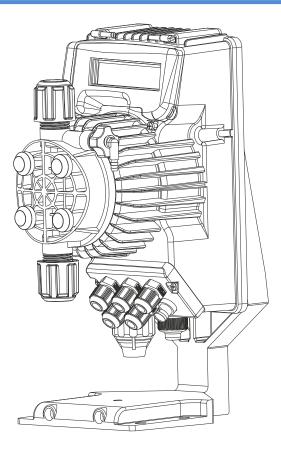
## DOSING PUMP Tekna EVO TPG SERIES - Solenoid dosing pump



#### **Technical characteristics**

- Flow rates: from 0.4 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 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
- Statistc
- Password
- Input On-Off (remote control)

Also with this pump, with only 5 sizes, is possible to cover a wide range of performances, having a flow rate range from 0.4 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 TPG 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.

# DOSING PUMP Tekna EVO TPG SERIES - Solenoid dosing pump

### PUMP KEY CODE

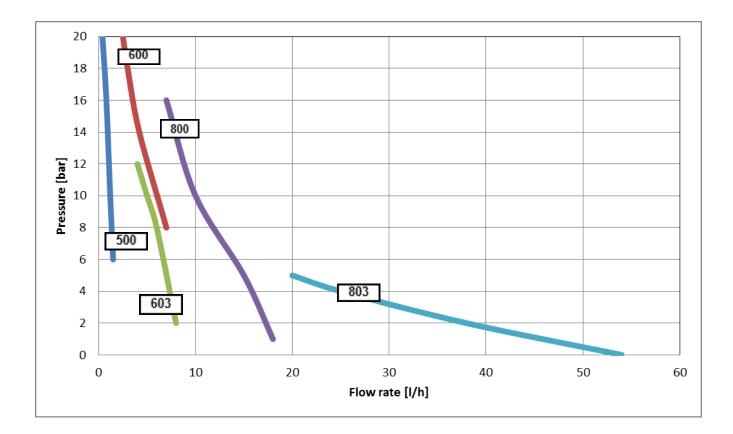
1°	Mode	I								
TPG		Digital dosing pump with constant flow rate manually adjustable, with proportional flow rate according to an external analog (0/4-20 mA or 20- 4/0 mA) or digital signal (water meter, 1:n or n:1); Timer function; Dosage in ppm; Dosage batch; Statistics; Password;Input ON-OFF (remote switch)								
	2° Hydraulic									
		Pressure [bar]	Flow Rate [l/h]	Stroke/min	cc/stroke					
		20 16	0.4 0.8	-	0.06	-				
	500	10	1.2	120	0.11	-				
		6	1.5		0.21					
		20	2.5	-	0.35	-				
	600	18	3	120	0.42	-				
		14			0.58	-				
		8	7 4		0.97					
		12	4 5	-	0.42	-				
	603	8	6	160	0.52	-				
		2	8		0.63	-				
		16	7		0.39					
	000	10	10	200	0.55					
	800	5	15	300	0.83					
		1	18		1.00					
		5	20	-	1.11	-				
	803	4	25	300	1.39	-				
		2	38	-	2.11	-				
		0.1	54		3.00					
		<b>3°</b> N	Power Sup	р <b>іу</b> с — 50/60 Hz						
			100÷240 va	Liquid End						
			4	-				1		
				Pump head PVDF	Connections PVDF	Balls	Diaphragm			
			Н Р*	PVDF	PVDF	Ceramic Ceramic	PTFE PTFE	*Automatic degassing valve only for TPG 603 and 800		
				5°	Installation			005 810 800		
				H	PVDF	NIL .				
				P	PVC					
					6°	Seals				
					0	FPM				
	1 EPDM									
					2	PTFE				
						7°	Options			
						000	Standard			
							-			
TPG	603	N	н	Н	0	000				

# DOSING PUMP Tekna EVO TPG SERIES - Solenoid dosing pump

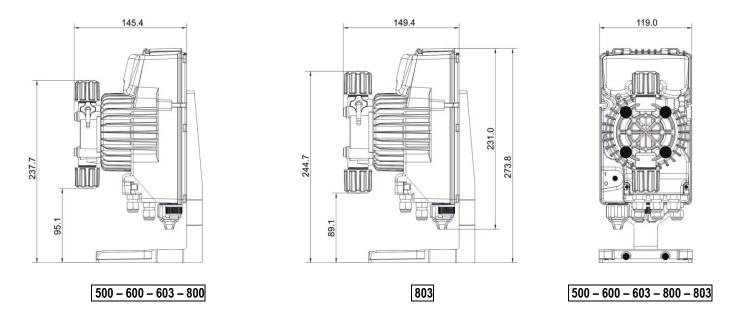
## HYDRAULIC CHARACTERISTICS

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*	Мах				
ΤΡG						0 N	20	0,4	120	0,06	4/6	4/7	100÷240 Vac	8	14
	D	G	5 (	٥	٥		16	0,8		0,11					
	•		J	Ů	v		10			0,17					
						6									
ТР								120							
	Р	G	6	0	0	N			120		4/6	4/7	100÷240 Vac	8	15
	•	·	·	·		1									
							-	•							
ТРС															
	G	6	0	3	Ν			160		4/6	4/6	100÷240 Vac	15	18	
ТР		G	8	0	0	N	-		300		4/6	4/6	100÷240 Vac	15	26
	Ρ														
						р 2							l I		
ТРО						5									
		G	8						300		8/12	8/12	100÷240 Vac	15	25
	Ρ			0	3	Ν									
		P P P	P G P G P G	P G 5 P G 6 P G 8	P G 5 0 P G 6 0 P G 8 0	P       G       5       0       0         P       G       6       0       0         P       G       6       0       3         P       G       8       0       0	P       G       5       0       0       N         P       G       6       0       3       N         P       G       8       0       N       N	Pump Model [[bar] [bar]	Pump Model       Pressure [bar]       Rate [lbar]         P       G       5       0       0       N       16       0,8         P       G       5       0       0       N       16       0,8         P       G       5       0       0       N       16       0,8         P       G       6       1,5       20       2,5       18       3         P       G       6       0       N       18       3       144       4.2         P       G       6       0       3       N       12       4         P       G       6       0       3       N       12       4         P       G       6       0       5       6       2       8         P       G       8       0       N       N       16       7         P       G       8       0       N       16       7       10       10         P       G       8       0       N       5       15       1       18         P       G       8       0       3       N       5       20	Pump Model       Pressure [bar]       Rate [l/h]       max [stroke/min]         P       G       5       0       0       N       16       0,8       120         P       G       5       0       0       N       166       0,8       120         P       G       6       1,5       120       16       1,5       120         P       G       6       0       N       18       3       120         P       G       6       0       N       18       3       120         P       G       6       0       N       114       4.2       120         P       G       6       0       N       N       112       4       100         P       G       6       0       N       N       100       5       160         P       G       8       0       N       N       100       100       300         P       G       8       0       N       N       5       15       100         P       G       8       0       3       N       10       10       300         I <th>Pump Model       Pressure [bar]       Rate [l/h]       max [stroke/min]       capacity [cc/stroke]         P       G       5       0       0       N       16       0,8       120       0,11         P       G       5       0       N       16       0,8       120       0,11         P       G       6       0,5       120       0,11       0,17         6       1,5       100       1,2       0,35       0,35         P       G       6       0       N       18       3       0,42         P       G       6       0       N       14       4.2       0,58         P       G       6       0       3       N       10       5       160       0,52         P       G       6       0       3       N       16       7       0,39         P       G       8       0       N       16       7       0,300       0,56         P       G       8       0       1       18       0,05       0,83         P       G       8       0       300       0,83       1,00       0,56      <tr< th=""><th>Pump Model         Pressure [bar]         Pressure Rate [l/h]         Productory max structure [stroke/min]         Column capacity [cc/stroke]         Image (capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         <thimage [capacity]</thimage </th><th>Pump Model       Pressure [bar]       P ate [M]       P ate [M]       P ate [M]       P ate [M]       P ate [M]       P ate (M)       P ate (M</th><th><math display="block"> \begin{array}{c ccccccccccccccccccccccccccccccccccc</math></th><th><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></th></tr<></th>	Pump Model       Pressure [bar]       Rate [l/h]       max [stroke/min]       capacity [cc/stroke]         P       G       5       0       0       N       16       0,8       120       0,11         P       G       5       0       N       16       0,8       120       0,11         P       G       6       0,5       120       0,11       0,17         6       1,5       100       1,2       0,35       0,35         P       G       6       0       N       18       3       0,42         P       G       6       0       N       14       4.2       0,58         P       G       6       0       3       N       10       5       160       0,52         P       G       6       0       3       N       16       7       0,39         P       G       8       0       N       16       7       0,300       0,56         P       G       8       0       1       18       0,05       0,83         P       G       8       0       300       0,83       1,00       0,56 <tr< th=""><th>Pump Model         Pressure [bar]         Pressure Rate [l/h]         Productory max structure [stroke/min]         Column capacity [cc/stroke]         Image (capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         <thimage [capacity]</thimage </th><th>Pump Model       Pressure [bar]       P ate [M]       P ate [M]       P ate [M]       P ate [M]       P ate [M]       P ate (M)       P ate (M</th><th><math display="block"> \begin{array}{c ccccccccccccccccccccccccccccccccccc</math></th><th><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></th></tr<>	Pump Model         Pressure [bar]         Pressure Rate [l/h]         Productory max structure [stroke/min]         Column capacity [cc/stroke]         Image (capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [cc/stroke]         Image [capacity) [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity]         Image [capacity] <thimage [capacity]</thimage 	Pump Model       Pressure [bar]       P ate [M]       P ate [M]       P ate [M]       P ate [M]       P ate [M]       P ate (M)       P ate (M	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $

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



## DIMENSIONS



### **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