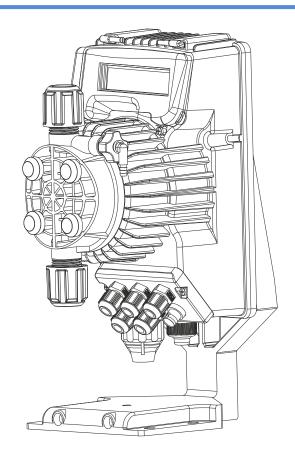


DOSING PUMP Tekna EVO TPG SERIES - Solenoid dosing pump



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°	Model											
TPG	Digital dosing pump with constant flow rate manually adjustable, with proportional flow rate according to an external analog (0/4-20 4/0 mA) or digital signal (water meter, 1:n or n:1); Timer function; Dosage in ppm; Dosage batch; Statistics; Password;Input ON-OFI switch).											
	2°	Hydraulic										
		Pressure [bar]	Flow Rate [I/h]	Stroke/min	cc/stroke							
		20	0.4		0.06							
	500	16 0.8	120	0.11								
	300	10	1.2	120	0.17							
		6	1.5		0.21							
		20	2.5		0.35							
	600	18	3	120	0.42							
	000	14	4.2	120	0.58							
		8	7		0.97							
		12	4		0.42							
	603	10	5	160	0.52							
	000	8	6		0.53							
		2	8		0.63							
		16	7		0.39							
	800	10	10	300	0.55	_						
		5	15		0.83	4						
		1	18	300	1.00							
		5	20		1.11							
	803	4	25		1.39	4						
		2	38	-	2.11	-						
		0.1 3°	54		3.00							
			Power Sup 100÷240 Va									
		N										
			4°	Liquid End								
				Pump head	Connections	Balls	Diaphragm					
			Н	PVDF	PVDF	Ceramic	PTFE	*Automatic degassing valve only for TF				
			P*	PVC	PVC	Ceramic	PTFE	603 and 800				
				5°	Installation	Kit						
				Н	PVDF							
				Р	PVC							
					6°	Seals						
					0	FPM						
					1	EPDM						
					2	PTFE						
						7°	Options					
						000	Standard					
ГРС	603	N	Н	Н	0	000]					



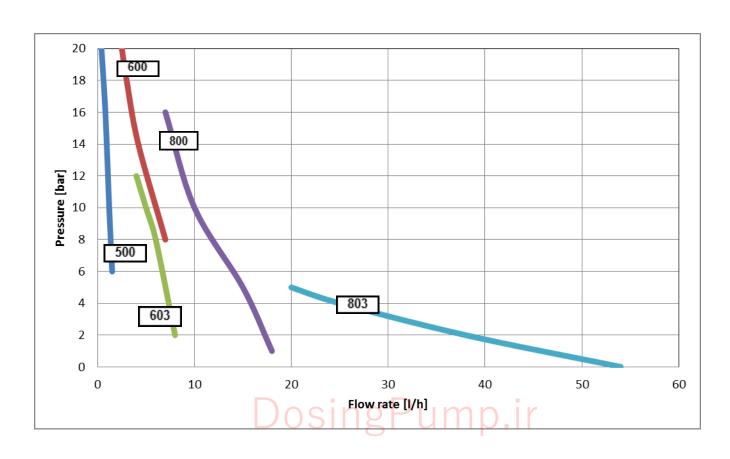


DOSING PUMP Tekna EVO TPG SERIES - Solenoid dosing pump

HYDRAULIC CHARACTERISTICS

Pump Model						Pressure Flow Rate [bar]		Frequency max [stroke/min]	Stroke capacity	Connection [mm]		Power supply	Consumption [W]	
							[s] [en ene/min]		[co/cu-c/loj	Suction	Discharge		Min*	Max
						20	0,4		0,06					
Р	G	5	0	0	N	l l		120		4/6	4/7	100÷240 Vac	8	14
						6	1,5		0,17					
						20	2,5	120	0,35	4/6	4/7	100÷240 Vac		
Р	G	6	0	0	N								8	15
						: I	4.2 7							
						12	4	160	0,42	4/6			15	
Р	G	6	0	3	N	10	5		0,52		4/6	100÷240 Vac		18
•	Ŭ	Ŭ	Ů	ŭ										
				_										
					N	_	•							
Ρ	G	8	0	0				300		4/6	4/6	100÷240 Vac	15	26
						0								
						E								
						l					8/12		15	25
T P	G	8	0	3	N			300		8/12		100÷240 Vac		
	P P	P G P G	P G 6 P G 8	P G 6 0 P G 8 0	P G 5 0 0 P G 6 0 3 P G 8 0 0	P G 5 0 0 N P G 6 0 0 N P G 8 0 0 N	Pump Model [bar] P G 5 0 0 N 20 16 10 6 10 6 20 18 14 8 14 8 12 10 8 2 10 10 8 2 2 16 16 10 5 1 10 5 1 1 5 4	Pump Model	Pump Model Pressure [bar] Rate [l/h] stroke/min]	Pump Model Pressure [bar] Rate [I/h] max [stroke/min] capacity [cc/stroke] P G 5 0 0 N 16 0,8 10 10 10 1,2 0,17 0,17 0,17 0,17 0,17 0,17 0,21 0,17 0,21 0,21 0,21 0,21 0,21 0,35 0,21 0,42 0,58 0,42 0,58 0,42 0,58 0,97 0,97 0,97 0,97 0,97 0,97 0,97 0,97	Pump Model Pressure [bar] Rate [l/h] max (stroke/min) capacity (cc/stroke) I/I P G 5 0 0 N 3 N 20 0,4 0,4 0,06 0,11 0,17 0,17 0,17 0,21 0,17 0,21 0,17 0,21 0,21 0,21 0,21 0,21 0,21 0,21 0,21	Pump Model Pressure [bar] Rate [l/h] max [stroke/min] capacity [cc/stroke] Suction Discharge	Pump Model Pressure [bar] Rate [l/h] max (stroke/min) capacity [cc/stroke] [mm] Power supply P G 5 0 0 0 N 20 0,4 16 0,8 10 10 1,2 6 1,5 0,21 120 0,17 0,17 0,21 4/6 4/7 100÷240 Vac 100÷240 Vac P G 6 0 0 0 N 18 3 14 4.2 8 7 0.997 120 0,42 0,42 0,52 0,52 0,97 0.97 4/6 4/6 4/7 100÷240 Vac 100÷240 Vac P G 8 0 0 N 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pump Model

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

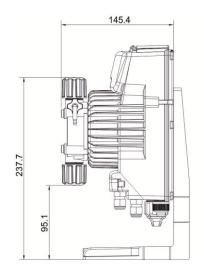




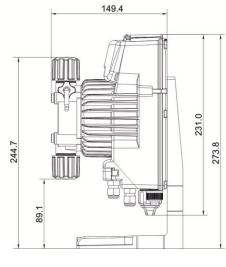


DOSING PUMP TEKNA EVO TPG SERIES - Solenoid dosing pump

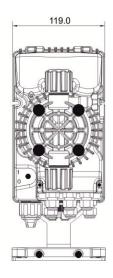
DIMENSIONS











500 - 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

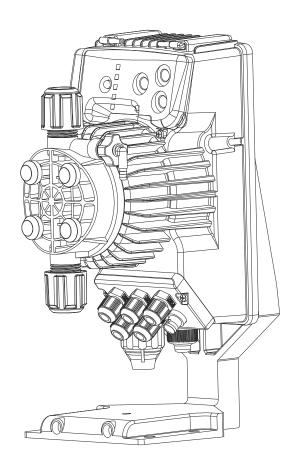
In PVC

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





DOSING PUMP TEKNA EVO APG 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÷240Vac 50/60 Hz
 - 24÷48 Vac (only for APG603)
- 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 APG Series is an analogic dosing pump with:

- constant flow rate manually adjustable
- proportional flow rate according to an external analogic (4-20 mA) or digital signal (water meter)
- Six 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

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, moreover the model APG603 have the possibility for 24÷48 Vac/Vdc power supply.

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 PVC, on request.



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DOSING PUMP Tekna EVO APG SERIES - Solenoid dosing pump

PUMP KEY CODE

1°	Model												
.PG	digital si	gnal(water me	eter). 6 positic	ns adjustable sv	vitch: 3 in divisio	on mode (1, 4,	10=n),1 in multipli	cording to an external analog (4-20 mA) ication mode (n=1), 1 for proportional mode					
	4-20 mA	Hydraulic	constant functi	onality. Pacing i	unction adjustal	ole by dip switt	.n.						
		-											
		Pressure [bar]	Flow Rate [l/h]	Stroke/min	cc/stroke								
		20	0.4	120	0.06								
	500	16	0.8		0.11								
	300	10	1.2	120	0.17								
		6	1.5		0.21								
		20	2.5		0.35								
	600	18	3	120	0.42								
	000	14	4.2	120	0.58								
		8	7		0.97								
		12	4		0.42								
	603 N	10	5	160	0.52								
	003 IV	8	6	160	0.53								
		2	8		0.63								
		7	2	160	0.21								
	603 O	5	6		0.62								
		0.2	15		1.56								
		16	7	300	0.39								
	000	10	10		0.55								
	800	5	15		0.83								
		1	18		1.00								
		5	20		1.11								
	000	4	25	300	1.39								
	803	2	38		2.11								
		0.1	54		3.00								
		3°	Power Sup	ply									
		N	100÷240 Va	c – 50/60 Hz									
		0	24÷48 Vac	/Vdc – 50/60 F	Iz (only for APC	3603)							
		4°		Liquid End	· · ·								
				Pump head	Connections	Balls	Diaphragm						
			Н	PVDF	PVDF	Ceramic	PTFE	*Automatic degassing valve only for AP					
			P*	PVC	PVC	Ceramic	PTFE	603 and 800					
				5°	Installation								
				Н	PVDF								
				P	PVC								
				<u> </u>	6°	Seals							
						FPM							
					0								
					2	EPDM PTFE							
						7°	Options						
						000	Standard						
						1	Standard						

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APG

603

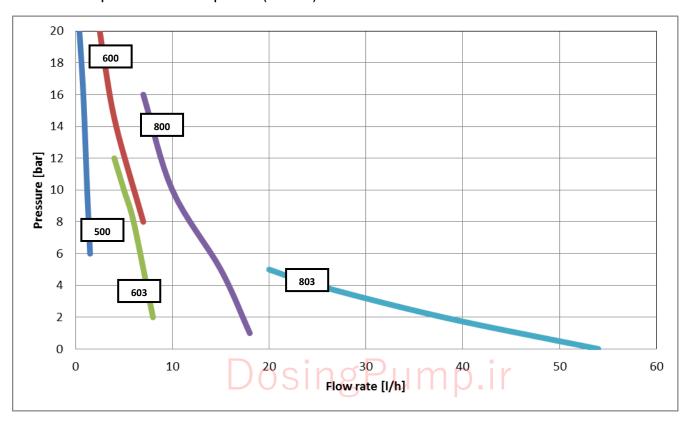


DOSING PUMP Tekna EVO APG SERIES - Solenoid dosing pump

HYDRAULIC CHARACTERISTICS

Pump Model						de		Pressure [bar]	Flow Rate [l/h]	Frequency max [stroke/min]	Stroke capacity [cc/stroke]	Connection [mm]		Power supply	Consumption [W]	
									[""]			Suction	Discharge		Min*	Max
			20	0,4		0,06										
Α		,	G	5	0	٨	N	16	0,8	120	0,11	4/6	4/7	100÷240 Vac	8	14
A	-		G	J	U	0	IN	10	1,2	120	0,17	4/0	4/7	100÷240 Vac	0	14
								6	1,5		0,21					
	A P (20	2,5	120	0,35						
		,	G	6	0	۸	N	18	3	120	0,42	4/6	4/7	100÷240 Vac	8	15
^			G	U	U	U		14	4.2		0.58				O	13
							8	7		0.97						
	A P G							12	4	0,42						
۸		,	G	6	0	2	B N	10	5	160	0,52	4/6	4/6	100÷240 Vac	15	18
^			G	U	U	J	14	8	6		0,63		4/0	100 240 740	15	10
							2	8		0,83						
	A P G					0	7	2	160	0,21	4/6	4/6	24÷48 Vac	17	17	
Α		G	6	0	3		5	6		0,62						
								0,2	15		1,56					
								16	7		0,39					
	_		_	•	0	•		10	10	200	0,56	4/0	4/0	400 - 040 \/	45	
Α	A P	•	G	ŏ		U	N	5	15	300	0,83	4/6	4/6	100÷240 Vac	15	26
								1	18		1,00					
								5	20		1,11				15	0.5
	A P	,	_	0	0	2	N	4	25	300	1,39	8/12	8/12	100÷240 Vac		
A			G	8	U	3	IN	2	38	300	2,11	0/12				25
			0,1	54		3,00										

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



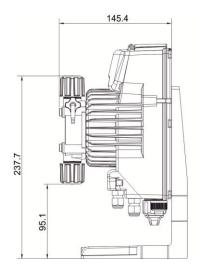


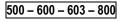
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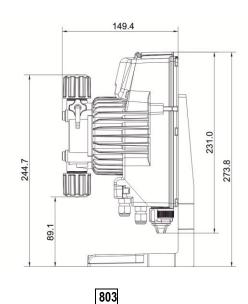


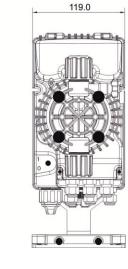
DOSING PUMP TEKNA EVO APG SERIES- Solenoid dosing pump

DIMENSIONS









500 - 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

