

Description

Aventura in association with Seko, the leaders in Dosing technology bring you state-of-the-art electronic Dosing Pumps in India. The Tekna EVO Series are a result of years of research and development and are backed by 40 years of trust of global industries.

Known for silent operation, low power consumption and easy to use attributes, the pumps are widely used for chemical dosing in various process industries. Extremely precise & versatile, Tekna EVO series Pumps are powered by microprocessor-based electronics that can adapt easily to any dosing requirement.

Design Features

- ▶ **Robust & Versatile**
 - Fibreglass reinforced PP plastic enclosure guarantees great resistance to impact and chemical attack
 - Counters power supply variations
- ▶ **Compatibility**
 - Pump Head - Suction & Discharge assembly made of PVDF suits all chemical used in industrial, wastewater treatment & potable water applications
 - Use of ceramic balls as standard improves pumping reliability and chemical compatibility of the whole liquid end
- ▶ **Inventory Reduction**
 - 5 models cover 1 to 60 litre per hour with an output pressure upto 20bar
 - Reduction in spares stock holding
- ▶ **Reliable**
 - Long life diaphragm tested to give 5 years working life
 - Diaphragm made from pure solid PTFE, ensures compatibility with most chemicals
- ▶ **Steady Dosing Performance**
 - Stabilized multi power supply 100 ÷ 240 VAC with reduced power consumption
 - Improves pump efficiency as performance is not affected by power supply variations
 - Dual frequency range (0 ÷ 20% or 0 ÷ 100%)
- ▶ **Easy To Install**
 - The only pump that allows multiple fixing options-wall mounting, on water meter or tank, on a horizontal base (with or without bracket)



Industry Focus

- System Integrators
- Pharmaceuticals
- Electronics
- Automobiles
- Food & Beverages
- Chemicals
- Textiles
- Hospitality



Technical Specifications

Product Code	Pressure [bar]	Flow Rate [ltr/h]	Frequency [stroke max/min]	Stroke Capacity [cc/stroke]	Ø Connections In/Out [mm]	Power Consumption [W]
500	20	0.4	120	0.6	4/6 suc.	12,2
	16	0.8		0.11	4/6 suc.	
	10	1.2		0.17	4/7 suc.	
	6	1.5		0.21	4/7 suc.	
600	20	2.5	120	0,35	4/6 suc.	12,0
	18	3		0,41	4/7 dis.	
603	12	4	160	0,42	4/6	12,2
	10	5		0,52		
	8	6		0,63		
	2	8		0,83		
800	12	7	320	0,36	4/6	23,9
	10	10		0,52		
	5	15		0,78		
	1	18		0,94		
803	5	20	300	1,11	8/12	22,2
	4	25		1,39		
	2	40		2,22		
	1	54		3		

Liquid Contact Material

Pump Head	Connectors	Balls	Diaphragm	Accessories	Seals
PVDF	PVDF	Ceramic	PTFE	PVC	PVDF FPM EPDM

Isolation Class	F	
Protection Degree	IP65	
Working Temperature	10 to 40° C	
Power Supply	100 ÷ 240V	24 ÷ 48VAC*
Pump is supplied with 1.5 meters power supply cable		

* Only for AKL & APG VERSION

Product Range

TEKNA EVO: Analog Range	AKL Constant Dosage	APG Proportional Dosage	ATL Timed Dosage
	<ul style="list-style-type: none"> Constant flow rate manually adjustable Dual frequency range (0 ÷ 20% or 0 ÷ 100%) Power-on LED Indicator Inbuilt level sensor which trips the pump in case of low level in dosing tank 	<ul style="list-style-type: none"> Constant flow rate manually adjustable Proportional flow rate according to an external analog (4 ÷ 20 mA) or digital pulse signal Control dial (percentage & "n" value in multiplication mode) 'Pacing' function adjustable by dip switch 	<ul style="list-style-type: none"> Constant flow rate manually adjustable Timed dosage with on & off double regulation 3 control dials
TEKNA EVO: Digital Range	TPG Proportional Dosage	TPR Proportional Dosage	TCK Timed Dosage
	<ul style="list-style-type: none"> Constant flow rate manually adjustable Proportional flow rate according to an external analog (4 ÷ 20 mA) or digital pulse signal Timer function, ppm dosing, performance reports, password protection and On/Off input (remote switch) 	<ul style="list-style-type: none"> Built in pH/Redox control meter Digital interface for constant or proportional dosing, depending on the measured pH or Rx value PT100 probe input for thermal compensation Repetition Alarm Relay Input On-Off for remote control 4 ÷ 20 mA output signal 	<ul style="list-style-type: none"> Constant flow rate manually adjustable Timer control Programmable timed relay Extreme versatile for all timed dosing application Autocalibration

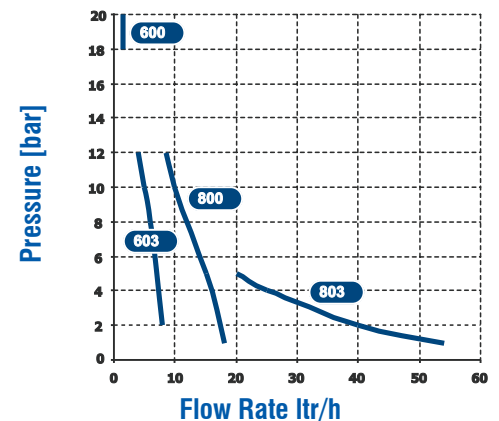
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