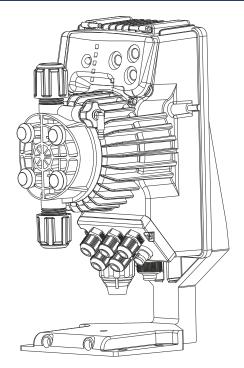


TECHNICAL CHARACTERISTICS



• Flow rates: from 0.4 to 110 l/h

- Max back pressure: up to 20 bar
- Power supply: 100÷240 Vac 50/60 Hz
- Stroke rate: from 120 to 300 strokes/minute
- Pump head: PVDF
- Diaphragm: PTFE
- External Enclosure: PP reinforced with fiberglass protection degree IP65
- Manually priming valve

Installation kit: Included

Seko Tekna AKL Series is an analogic dosing pump with constant flow rate, which is manually adjustable by a knob mounted on the front panel, in addition there is the level control input than the Tekna AKS. The flow rate has two frequency ranges:

- 0÷20 % of max flow rate
- 0÷100% of max flow rate

With only 5 sizes that pump can cover a wide range of performances, having a flow rate range from 0.4 to 110 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 AKL603 have the possibility for 24÷48 Vac 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 PVDF-T, on request.

The ambient temperature at the site of pump installation cannot exceed 40°C, and the relative humidity cannot be above 90%; the pump cannot be installed in a place exposed to sun or bad weather.



KEY CODE

model

		ownate		adjustable		ontrol inpu				
			Pressure		Flow rate	2	Capacity		Frequency	Ø Connections
	hydraulics	5	[bar]		[l/h]		[cc/stroke]		[stroke/1']	IN / EXT [mm]
	_		20		0,4		0,06			
	500 —		16		0,8		0,11		120	4 / 7 discharge
			10		1,2		0,17		120	4 / 6 suction
			6		1,5		0,21			
	_		20	(2,5		0,35		1	
	600 —		18		3		0,42		120	4 / 7 discharge
	_		14		4,2		0,58		-	4 / 6 suction
			8		7		0,97			
	_		12		4		0,42			
	603 —		10		5		0,52		160	4/6
	_		8		6		0,63			
			2		8		0,83			
	_		16 10		10		0,38			
	800 —		5		10		0,55		300	4/6
	_		5 1		15		0,83 1,00			
			5		20		1,00			
	-		4		32		1,11			
	803 —		2		62		3,44		300	8 / 12
	_		0,1		110		6,11			
		ower s			110		0,11			
	P	N N	appiy	100÷240	Vac 50/6	0 니				
	-		liquid en		vac 50/0	0112				
			H	u	PVDF					
			-				t			
			A			utomatic c	legassing			NOT for 803 hydrau
					SS316L					
				installat	ion kit					
				H		PVDF				
				P		PVDF-T				
				X		with 1,5 l	oar injectio	n valve		
				0		WITHOU	T kit		C	nly for SS316L liquid er
					seals					
					0		FKM-B			
					1		EPDM			
					2		PTFE			
					3		FFKM		NOT for 803 hydr	aulic - kit with PTFE sea
					В		FPM			hydraulic 603 and 80
					C		EPDM		special seals f	or Car Wash application
						optiona				
						0	stanc	lard		
									tion	
							-	/ customiza		
							00	sta	andard	
۲L	800	Ν	H	H	2	0	0			



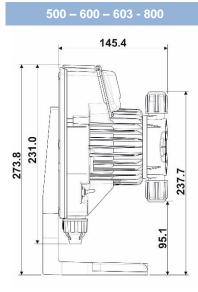
HYDRAULIC CHARACTERISTICS

Pump model	Pressure [bar]	Flow Rate [l/h]	Frequency max	Stroke capacity	Connection [mm]				mption V]
			[stroke/min]	[cc/stroke]	Suction	Discharge		Min	Мах
	20	0,4		0,06					
A K L 5 0 0 N	16	0,8	120	0,11	4/6	4/7	100÷240 Vac	13,0	15,0
AREJUUN	10	1,2	120	0,17	4/0	4/7	100-240 Vac	13,0	13,0
	6	1,5		0,21					
	20	2,5		0,35		4/7			
A K L 6 0 0 N	18	3,0	120	0,42	4/6		100÷240 Vac	14,0	19,0
	14	4,2		0,58					10,0
	8	7,0		0,97					
	12	4,0	160	0,42	4/6	4/6			
A K L 6 0 3 N	10	5,0		0,52			100÷240 Vac	17,0	22,0
	8	6,0		0,63				11,0	22,0
	2	8,0		0,83					
	16	7,0		0,39			100÷240 Vac		
A K L 8 0 0 N	10	10,0	300	0,56	4/6	4/6		22,0	33,0
	5	15,0		0,83				,•	55,0
	1	18,0		1,00					
	5	20,0		1,11					
A K L 8 0 3 N	4	32,0	300	1,78	8/12	8/12	100÷240 Vac	29,0	37,0
	2	62,0		3,44	0,12	0/12	100.240 vac	23,0	57,0
	0	110,0		6,11					

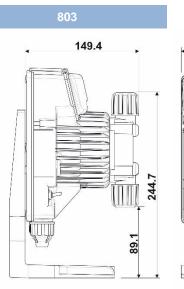
The Pressure Data in the table refer to the measured parameters on the plant, including the use of SEKO STANDARD injection fitting.

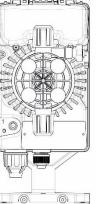
*Minimum consumption at 0 bar of back pressure (Patented)

DIMENSIONS



Your Choice, **Our Commitment**





119.0

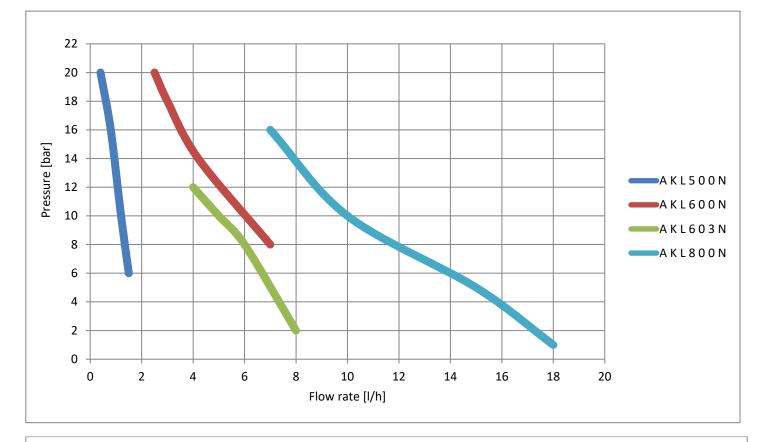
INSTALLATION KIT PVDF PVDF-T

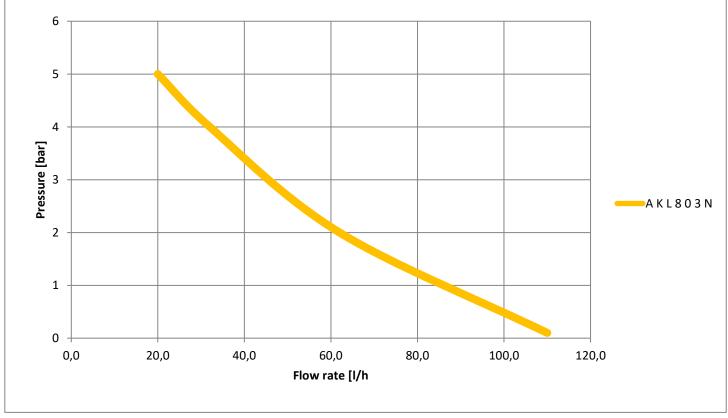
foot filter	•	•
injection valve	٠	•
PVC suction tube (4 m)	Ū	
PE delivery tube (2 m)	·	
Wall and base fixing bracket	•	•

Τ



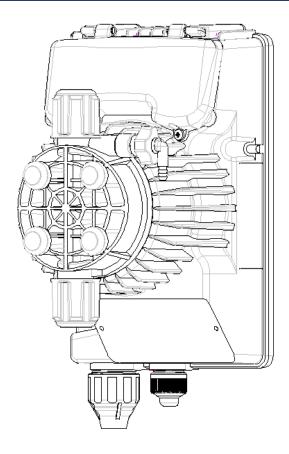
PERFORMANCE







TECHNICAL CHARACTERISTICS



- Flow rates: from 0.4 to 110 l/h
- Max back pressure: up to 20 bar
- Power supply: 100÷240 Vac 50/60 Hz
- Stroke rate: from 120 to 300 strokes/minute
- Pump head: PVDF
- Diaphragm: PTFE
- External Enclosure: PP reinforced with fiberglass protection degree IP65
- Manually priming valve

Installation kit: Included

Seko Tekna AKS Series is an analogic dosing pump with constant flow rate, which is manually adjustable by a knob mounted on the front panel, in addition there is the level control input than the Tekna AKS. The flow rate has two frequency ranges:

- 0÷20 % of max flow rate
- 0÷100% of max flow rate

With only 5 sizes that pump can cover a wide range of performances, having a flow rate range from 0.4 to 110 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 AKL603 have the possibility for 24÷48 Vac 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 PVDF-T, on request.

The ambient temperature at the site of pump installation cannot exceed 40°C, and the relative humidity cannot be above 90%; the pump cannot be installed in a place exposed to sun or bad weather.



KEY CODE

model

AKS	Constant	flow ra	ite manually	/ adjustal	ole.					
	Constant		Pressure		Flow rate	2 (Capacity		Frequency	ØConnections
	hydraul	ics	[bar]		[l/h]		c/stroke	1	[stroke/1']	IN / EXT [mm]
			20		0,4		0,06	-		
	500		16		0,8		0,11		120	4 / 7 discharge
	500		10		1,2		0,17		120	4 / 6 suction
			6		1,5		0,21			
			20		2,5		0,35			
	600		18		3		0,42		120	4 / 7 discharge
	000		14		4,2		0,58		120	4 / 6 suction
			8		7		0,97			
			12		4		0,42			
	603		10		5		0,52		160	4/6
	005		8		6		0,63		100	170
			2		8		0,83			
			16	_	7		0,38			
	800		10		10		0,55		300	4/6
			5		15		0,83			
			1		18		1,00			
			5	-	20		1,11			
	803		4		32		1,78		300	8/12
			2 0,1		62 110		3,44			
		nowor	supply		110		6,11			
		N	suppry	100÷240						
			liquid er		7 vac 50/0					
			H	IG IS	PVDF					
			A			utomatic de	nassina			NOT for 803 hydraulid
			<u> </u>		SS316L		gassing			
				installa						
				Н		PVDF				
				P		PVDF-T				
				X		with 1,5 ba	ar injecti	on valve		
				0		WITHOUT	-		0	nly for SS316L liquid ena
					seals					
					0	F	KM-B			
					1	E	PDM			
					2	F	PTFE			
					3	F	FKM		NOT for 803 hydro	aulic - kit with PTFE seals
					В	F	PM			hydraulic 603 and 800
					С	E	PDM		special seals fo	r Car Wash applications
						optional				
						0	stan	dard		
						C		/ customi		
						_	00	S	tandard	
AKS	800	N	H	н	1	0	0			



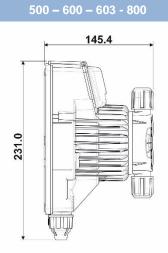
HYDRAULIC CHARACTERISTICS

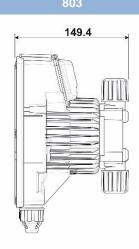
Pump model	Pressure [bar]	Flow Rate [l/h]	Frequency max	Stroke capacity	Connection [mm]				mption V]
			[stroke/min]	[cc/stroke]	Suction	Discharge		Min	Max
	20	0,4		0,06					
A K L 5 0 0 N	16	0,8	120	0,11	4/6	4/7	100÷240 Vac	13,0	15,0
ARLJUUN	10	1,2	120	0,17	4/0	4/7	100+240 Vac	13,0	15,0
	6	1,5		0,21					
	20	2,5		0,35					
A K L 6 0 0 N	18	3,0	120	0,42	4/6	4/7	100÷240 Vac	14,0	19,0
	14	4,2		0,58				11,0	10,0
	8	7,0		0,97					
	12	4,0	160	0,42	4/6	4/6	100÷240 Vac		
A K L 6 0 3 N	10	5,0		0,52				17,0	22,0
	8	6,0		0,63					,•
	2	8,0		0,83					
	16	7,0		0,39			100÷240 Vac		
A K L 8 0 0 N	10	10,0	300	0,56	4/6	4/6		22,0	33,0
	5	15,0		0,83				,.	
	1	18,0		1,00					
	5	20,0		1,11					
A K L 8 0 3 N	4	32,0	300	1,78	8/12	8/12	100÷240 Vac	29,0	37,0
	2	62,0		3,44				,-	,-
	0	110,0		6,11					

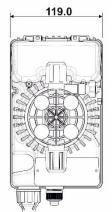
The Pressure Data in the table refer to the measured parameters on the plant, including the use of SEKO STANDARD injection fitting.

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

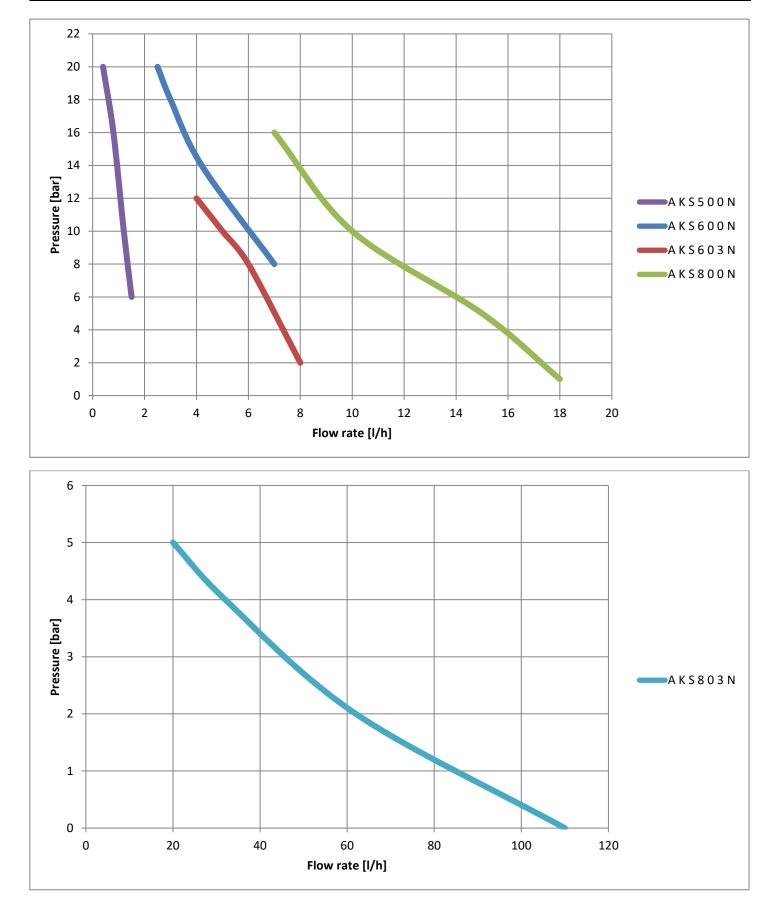
DIMENSIONS







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



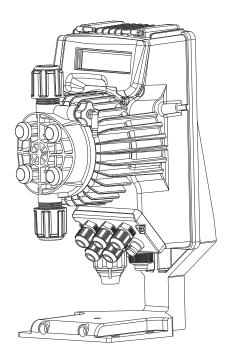
TEKNA AKS SERIES – Solenoid Dosing Pump PERFORMANCE

DOSING PUMP





TECHNICAL CHARACTERISTICS



- Flow rates: from 0.4 to 110 l/h
- Max back pressure: up to 20 bar
- Power supply: 100÷240Vac 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 TPR Series is a digital dosing pump with pH/Redox control meter built in, Its own other features are:

- constant or proportional dosing according to the measured pH or Redox 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 5 sizes, is possible to cover a wide range of performances, having a flow rate range from 0.4 to 110 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 TPR 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 PVDF-T, on request.

The ambient temperature at the site of pump installation cannot exceed 40°C, and the relative humidity cannot be above 90%; the pump cannot be installed in a place exposed to sun or bad weather.



KEY CODE

model

TPR Constant flow rate manually adjustable. Proportional dosing according the measured pH or Redox value. PT100 probe input for thermal compensation. Repetition alarm relay. Input On-Off for remote control. 4÷20 mA output for measure transmission. Available with communication via ModBus protocol.

	Pressure	?	Flow rate		Frequency	Ø Connections	
hydraulics	[bar]		[l/h]	[cc/stroke]	[stroke/1']	IN / EXT [mm]	
	20		0,4	0,06			
500 —	16		0,8	0,11	— 120	4 / 7 discharge	
	10		1,2	0,17		4 / 6 suction	
	6		1,5	0,21			
	20		2,5	0,35			
600 —	18		3	0,42	— 120	4 / 7 discharge	
	14		4,2	0,58		4 / 6 suction	
	8		7	0,97			
	12		4	0,42			
603 —	10		5	0,52	— 160	4/6	
	8		6	0,63		170	
	2		8	0,83			
	16		7	0,38			
800 —	10		10	0,55		4/6	
800 —	5		15	0,83		4/0	
	1		18	1,00			
	5		20	1,11			
	4		32	1,78		0 (1 2	
803 —	2		62	3,44	300	8 / 12	
	0,1		110	6,11			
ро	ower supply						
-	N	100÷24	40 Vac 50/6	0 Hz			
	liquid e	nd					
	H		PVDF				
	A		PVDF - a	utomatic degassing		NOT for 803 hydrau	
			SS316L			,	
		install	ation kit				
		Н		PVDF			
		P		PVDF-T			
		X		with 1,5 bar injection valv	<u>ا</u>		
		0		WITHOUT kit		nly for SS316L liquid e	
			seals	WITHOUT KIL	0		
			0	FKM-B			
			1	EPDM			
			2	PTFE			
				FFKM	NOT fair 002 huidir		
			3		NOT for 803 hydro	aulic - kit with PTFE sea	
				optional			
				0 standard			
				optional / cust			
				00	standard		
800	N A	H	0	0 00			

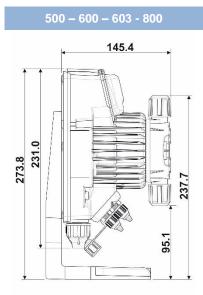
DOSING PUMP TEKNA TPR Series – Solenoid Dosing Pump

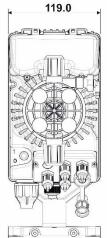


HYDRAULIC CHARACTERISTICS

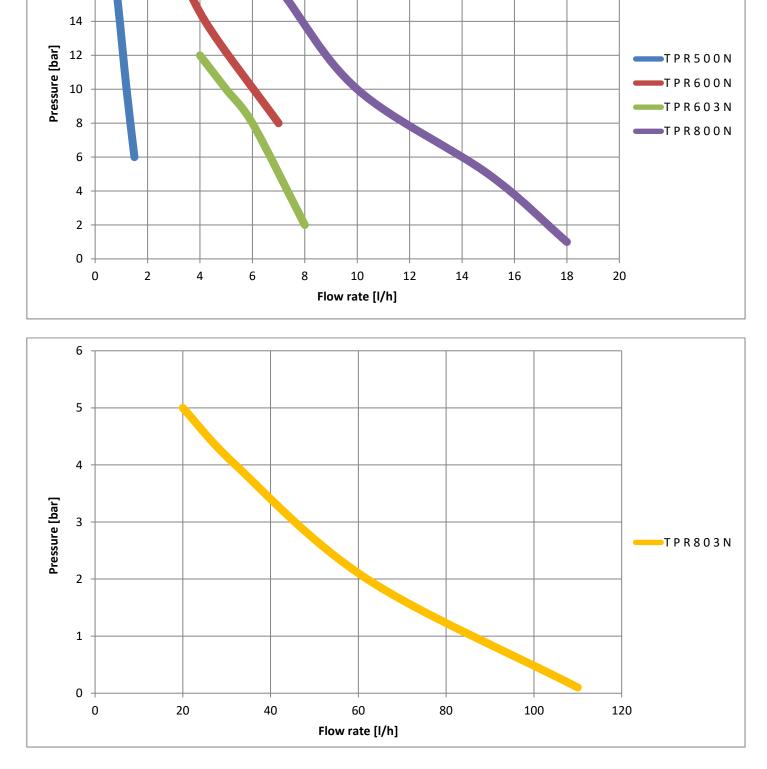
Pump model	Pressure	Flow Rate	Frequency max	Stroke capacity	Connection [mm]				mption V]
	[bar]	[l/h]	[stroke/min]	[cc/stroke]	Suction	Discharge		Min	Max
	20	0,4		0,06					
T P R 500 N	16	0,8	120	0,11	4/6	4/7	100÷240 Vac		
IFKJUUN	10	1,2	120	0,17	4/0	4/7	100÷240 vac	-	-
	6	1,5		0,21					
	20	2,5		0,35					
T P R 6 0 0 N	18	3,0	120	0,42	4/6	4/7	100÷240 Vac	14,0	20,0
	14	4,2	120	0,58					20,0
	8	7,0		0,97					
	12	4,0		0,42	4/6	4/6			
T P R 6 0 3 N	10	5,0	160	0,52			100÷240 Vac	15,0	22,0
	8	6,0		0,63					22,0
	2	8,0		0,83					
	16	7,0		0,39			100÷240 Vac	22,0	
T P R 8 0 0 N	10	10,0	300	0,56	4/6	4/6			36,0
i i kovok	5	15,0	000	0,83	1/0	170	100 2 10 100		50,0
	1	18,0		1,00					
	5	20,0		1,11					
T P R 8 0 3 N	4	32,0	300	1,78	8/12	8/12	100÷240 Vac	-	_
	2	62,0	000	3,44	UTL	0/12	100+240 Vac		-
	0,1	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		•



DOSING PUMP TEKNA TPR Series – Solenoid Dosing Pump

20

22

18

16

PERFORMANCE

