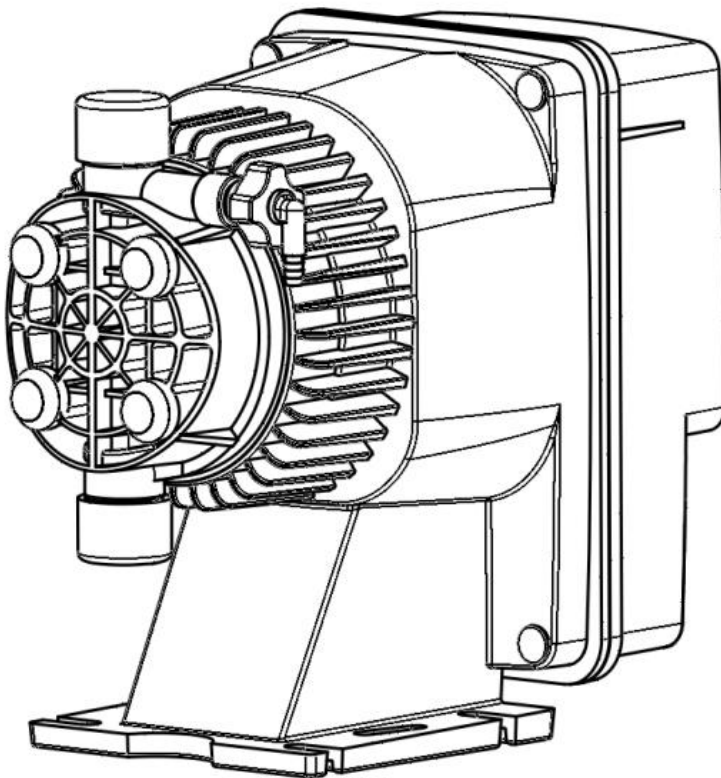




TECHNICAL CHARACTERISTICS

- Flow rates: from 2.5 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 fiber
glass protection degree IP65
- Manually priming valve
- Stroke length manually adjustable
- External connector for level input

Seko Tekba-R EML Series is a digital dosing pump with constant flow rate, which is manually adjustable by a keyboard (frequency) and a knob (stroke length) mounted on the rear panel.

With only 4 sizes this pump can cover a wide range of performances, having a flow rate range from 2.5 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. Also, Tekba-R EML Series is equipped with a manually priming pump for the start up. All the Tekba pumps use convenient connectors external to the pump for signal input, in order to avoid opening the pump to making connections.

The pump is furnished with a complete standard installation kit, which includes: PVDF foot filter and injection valve, PVC suction and bleed tube, PVDF delivery tube.

TEKBA-R pumps - KEY CODE

model

EML Digital constant flow rate, manually adjustable. Level control input.

hydraulics	Pressure [bar]	Flow rate [l/h]	Capacity cc/stroke	Frequency [stroke/1']	Ø Connections IN / EXT [mm]
600	20	2.5	0,35	120	4 / 6
	18	3	0,42		
	14	4.2	0,58		
	8	7	0,97		
603	12	4	0,42	160	4 / 6
	10	5	0,52		
	8	6	0,63		
	2	8	0,83		
800	16	7	0,38	300	4 / 6
	10	10	0,55		
	5	15	0,83		
	1	18	1,00		
803	5	20	1,11	300	8 / 10
	4	32	1,78		
	2	62	3,44		
	0.1	110	6,11		

stroke length regulation

M mechanical regulation

power supply

N 100÷240 Vac 50/60 Hz

liquid end

H PVDF

A PVDF - automatic degassing

NOT for 803 hydraulic

I SS316L

installation kit

H PVDF

0 WITHOUT kit

only for SS316L liquid end

seals

0 FKM-B

1 EPDM

2 PTFE

3 FFKM

EPDM kit

optional/colour

00

electronic - hydraulic

optional/customization

00 standard

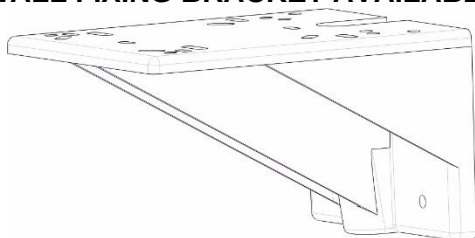
EML 603 M N H H 1 00 00

HYDRAULIC CHARACTERISTICS

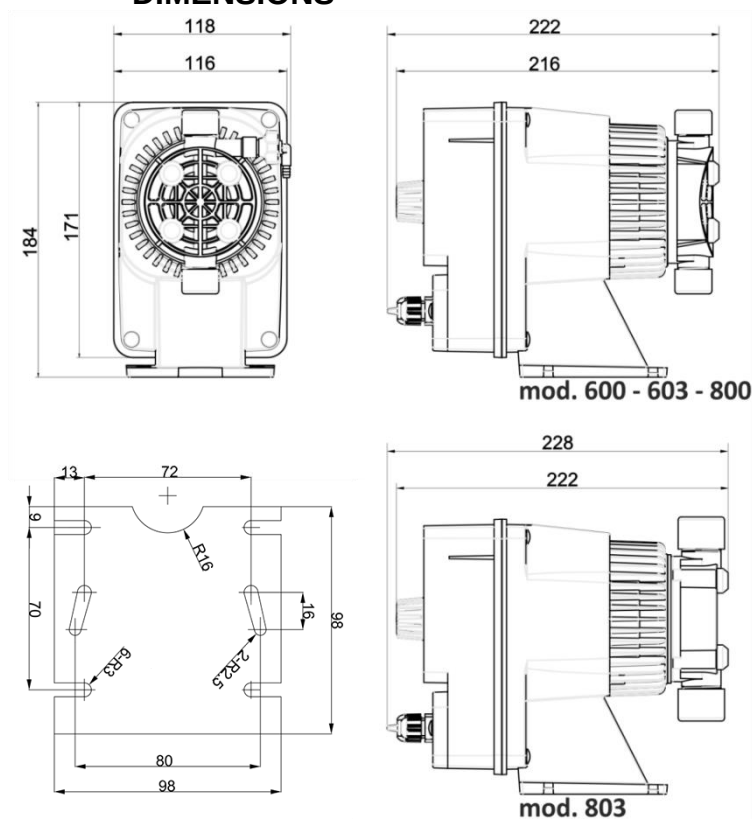
Pump Model	Pressure [bar]	Flow Rate [l/h]	Frequency max [str./min]	Stroke capacity [cc/str.]	Connection [mm]		Power supply [Vac]	Consumption [W]	
					Suction	Discharge		Min	Max
EML 600 M	20	2.5	120	0.35	4/6	4/6	100÷240	14.0	19.0
	18	3.0		0.42					
	14	4.2		0.58					
	8	7.0		0.97					
EML 603 M	12	4.0	160	0.42	4/6	4/6	100÷240	17.0	22.0
	10	5.0		0.52					
	8	6.0		0.63					
	2	8.0		0.83					
EML 800 M	16	7.0	300	0.39	4/6	4/6	100÷240	22.0	33.0
	10	10.0		0.56					
	5	15.0		0.83					
	1	18.0		1.00					
EML 803 M	5	20.0	300	1.11	8/10	8/10	100÷240	29.0	37.0
	4	32.0		1.78					
	2	62.0		3.44					
	0	110.0		6.11					

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

WALL FIXING BRACKET AVAILABLE



DIMENSIONS



INSTALLATION KIT

PVDF

PVDF foot filter	●
PVDF injection valve	●
PVC suction/bleed tube (4 m)	●
PVDF delivery tube (2 m)	●

