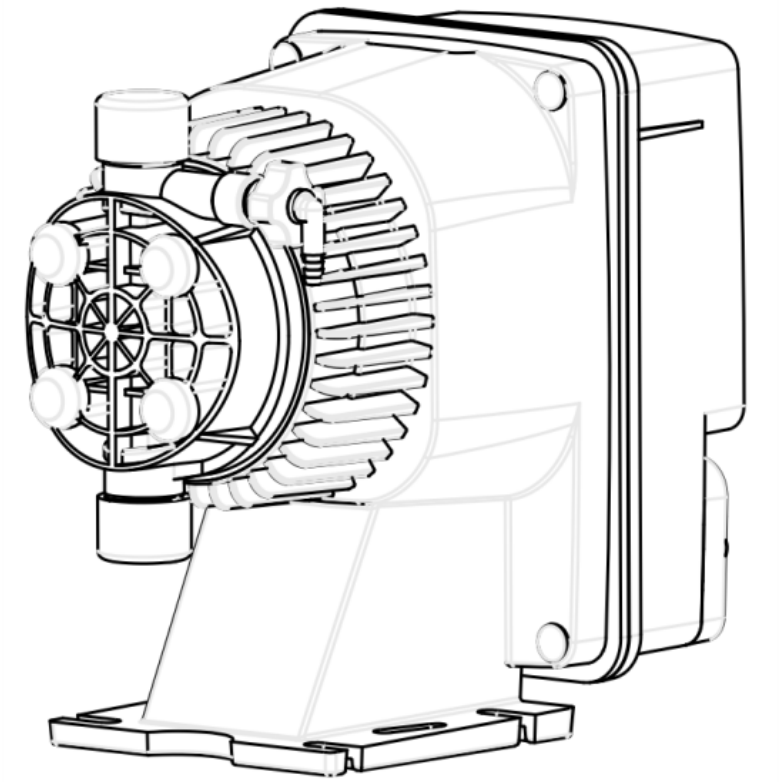

Technical characteristics

- 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

Seko Tekba EMM 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, and proportional flow rate to an external analog input signal (4÷20 mA).

With only 4 sizes that 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.

All Tekba 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

PUMP KEY CODE

Field 1	Field 2	Field 3	Field 4	Field 5	Field 6	Field 7	Field 8	Field 9	Field 10	Field 11
EMM	603	M	N	H	H	0	0	B	0	0

Field 1	model
Field 2	hydraulics
Field 3	stroke reg.
Field 4	power supply
Field 5	liquid end
Field 6	installation kit
Field 7	seals
Field 8	market
Field 9	color
Field 10	optional
Field 11	customization

Field 1 — model

Digital

EMM *Digital constant dosing with manual adjustment, and proportional dosing to an analog input signal (4÷20 mA). Prepared for level probe.*

Field 2 — hydraulics

	bar	l/h	stroke/1'	ml/stroke	tubing Ø	consumption
600	20	2,5	120	0,35	in 4/6 - out 4/7	19 W
603	12	4	160	0,42	in - out 4/6	22 W
800	16	7	300	0,39	in - out 4/6	33 W
803	5	20	300	1,11	in - out 8/12	37 W

Field 3 — str. length reg.

M standard — ***mechanical***

Field 4 — power supply

N 100÷240 Vac

Field 5 — liquid end

	Body	Connections	Balls	Diaphragm
H	PVDF	PVDF	Ceramic	PTFE

Field 6 — installation kit

H PVDF

Field 7 — seals

0 FPM

1 EPDM

Field 8 — market

0 standard

Field 9 — colour

		electronic	*hydraulic*
B	standard	RAL5010	RAL7004

Field 10 — optional

0 standard

Field 11 — customization

0 standard

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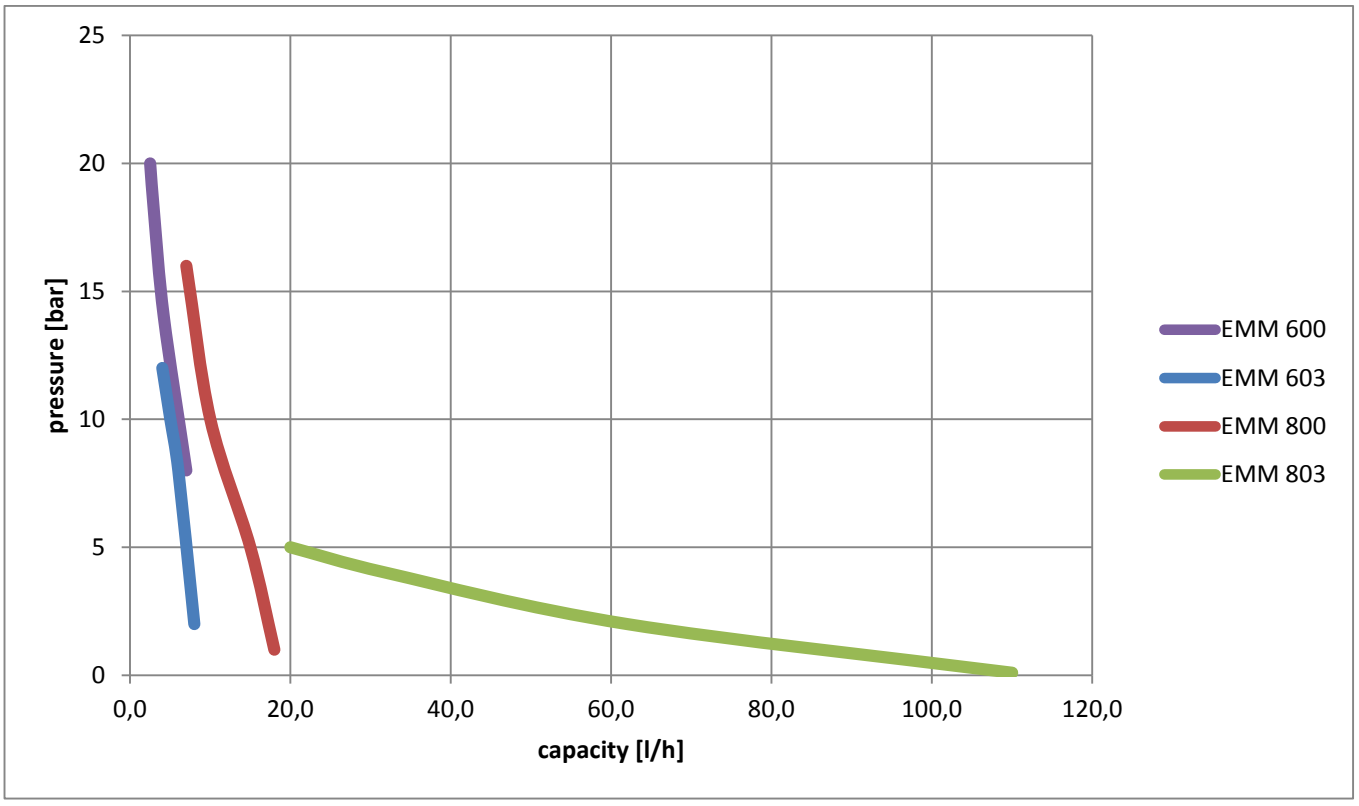
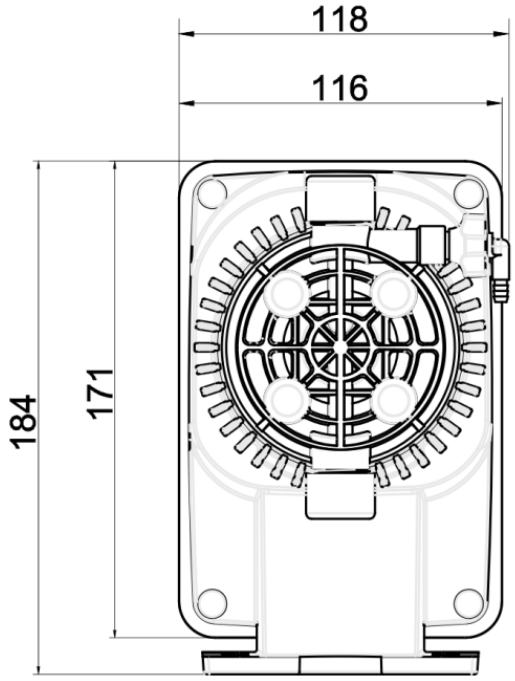
HYDRAULIC CHARACTERISTICS

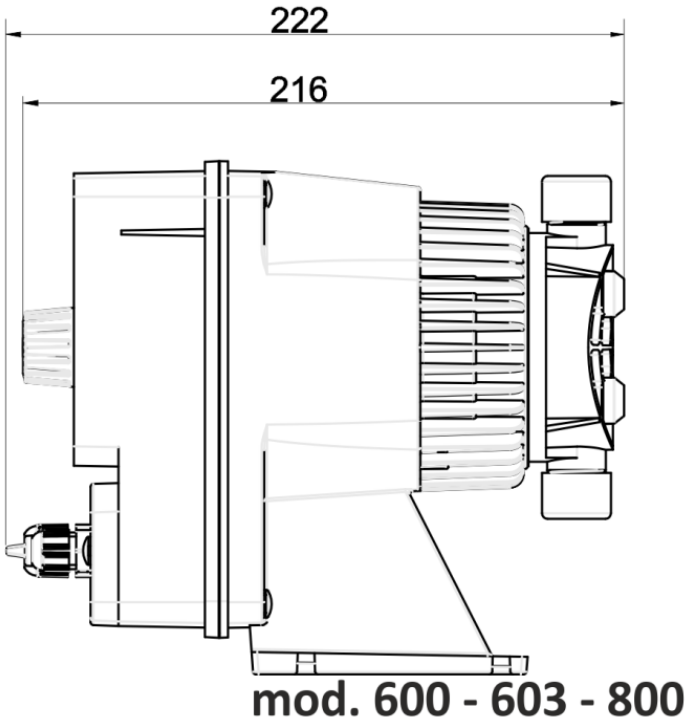
Pump Model	Pressure [bar]	Flow Rate [l/h]	Frequency max [stroke/min]	*Stroke capacity [cc/stroke]*	*Connection [mm]*		Power supply	Consumption [W]	
					Suction	Discharge		Min	Max
EMM 600	20 18 14 8	2,5 3,0 4,2 7,0	120	0,33 0,42 0,58 0,97	4/6	4/7	100÷240 Vac	14,0	19,0
EMM 603	12 10 8 2	4,0 5,0 6,0 8,0	160	0,42 0,52 0,63 0,83	4/6	4/6	100÷240 Vac	17,0	22,0
EMM 800	16 10 5 1	7,0 10,0 15,0 18,0	300	0,39 0,56 0,83 1	4/6	4/6	100÷240 Vac	22,0	33,0
EMM 803	5 4 2 0,1	20,0 32,0 62,0 110,0	300	1,11 1,78 3,44 6,11	8/12	8/12	100÷240 Vac	29,0	37,0

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

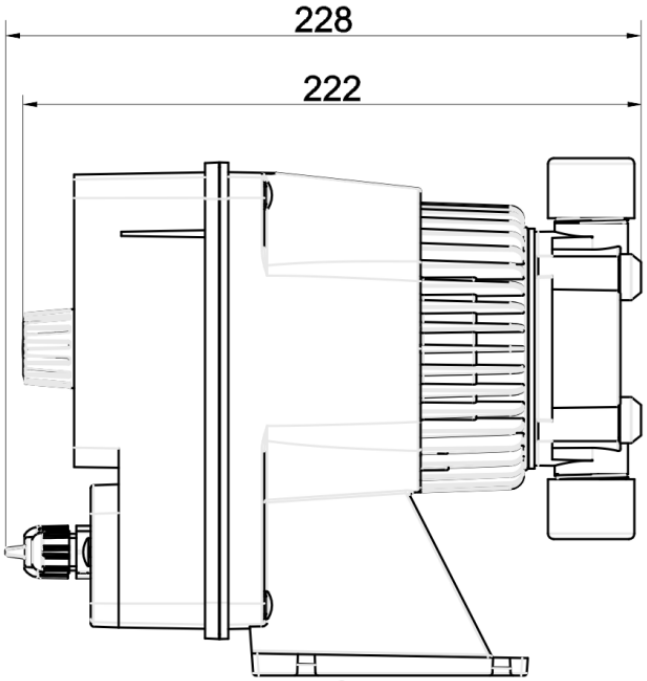


DIMENSIONS

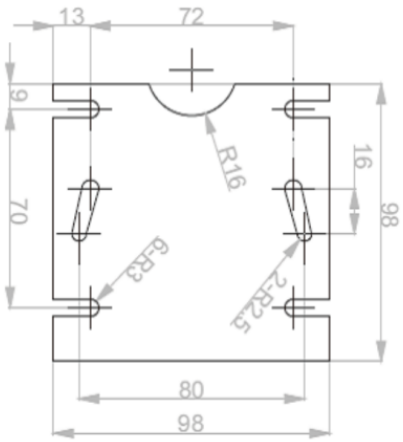




mod. 600 - 603 - 800



mod. 803



INSTALLATION KIT	PVDF
PVDF foot filter	•
PVDF injection valve	•
PVC suction tube (4 m)	•
PE delivery tube (2 m)	•

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