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<https://injecta.nt-rt.ru> || ntc@nt-rt.ru

GEA MT

ELECTROMAGNETIC PUMP WITH ADJUSTABLE FREQUENCY



Main characteristics

- 4 MODELS with flow rate from 0.4 to 110 l / h; pressures up to 20 bar
- PVDF pump head and installation kit for maximum chemical compatibility
- The ceramic balls guarantee perfect tightness and excellent chemical compatibility
- Long life of the PTFE diaphragm: tested for 5 years of continuous operation
- The innovative design of the diaphragm and the production system provide excellent performance and reduced maintenance
- The continuous replacement of the diaphragm is not required
- Power supply: 100 - 240 Vac; 50/60 Hz
- Digital dosing pump with flow rate proportional to:
 - an analog signal 0 \ 4 to 20 mA
 - a digital signal 1: n; 1: c (batch) or directly in ppm
- Digital regulation of the flow rate, with the possibility to set the maximum flow rate
- Level sensor facility with quick connection (level sensor optional)

Water Treatment

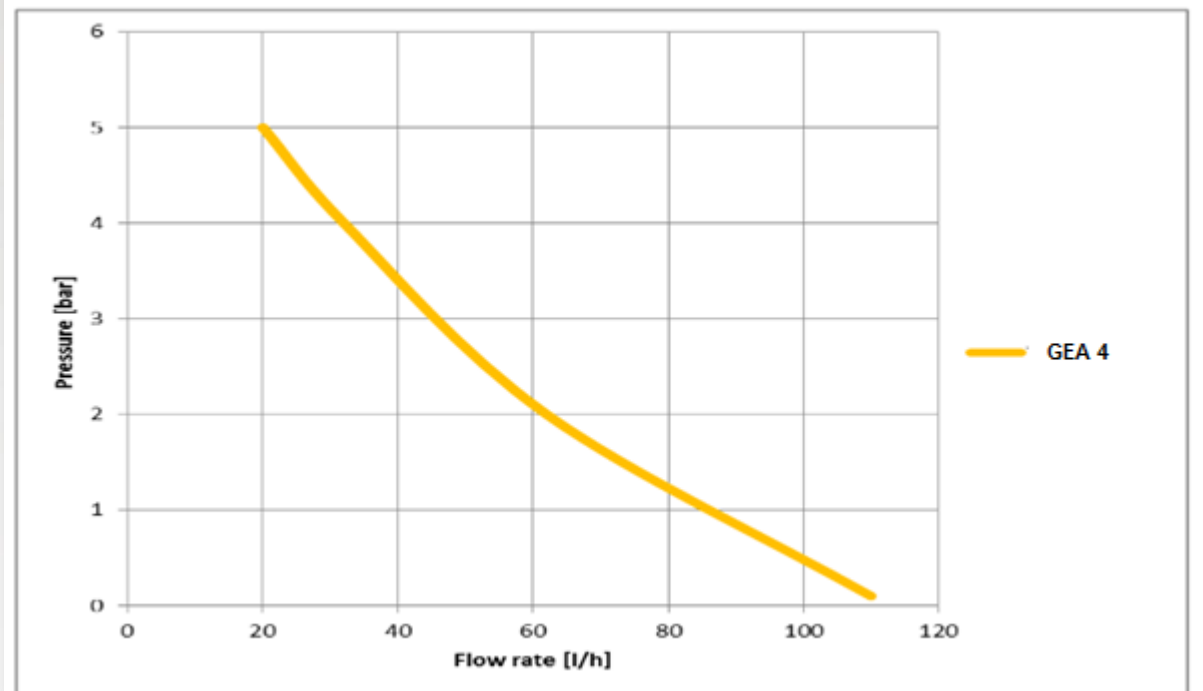
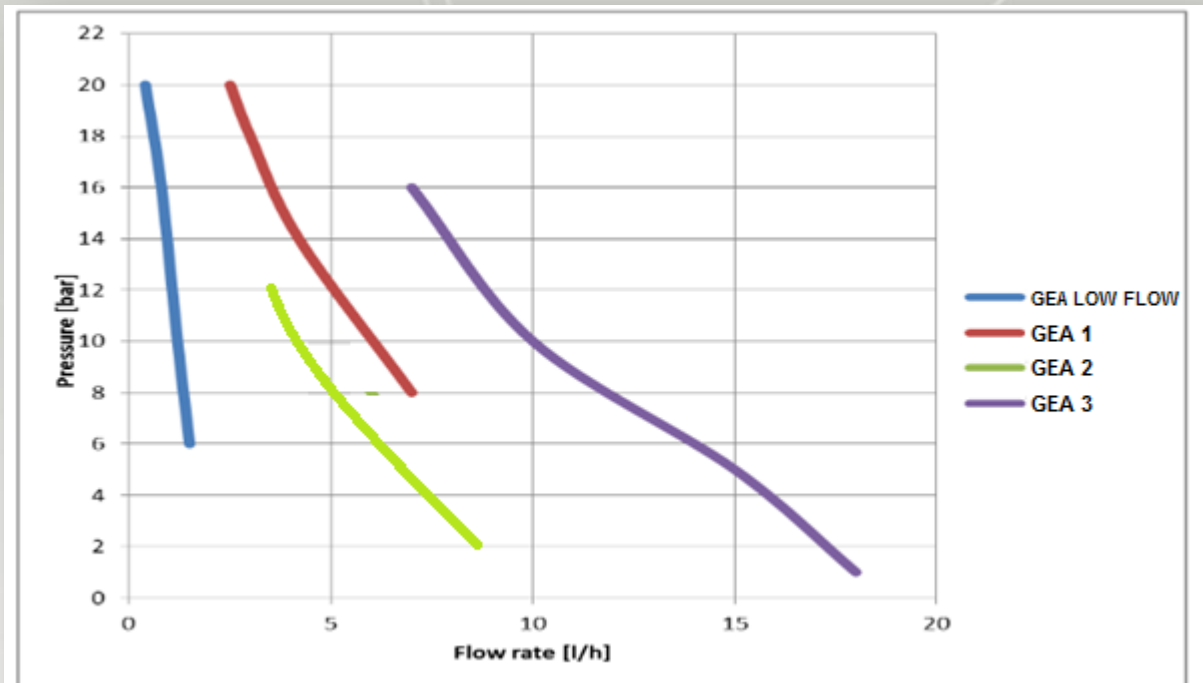


Performance data

PERFORMANCES TEST HAS BEEN DONE AT AMBIENT TEMPERATURE, WITH WATER, AT 1,5 mt SUCTION HEIGHT

FLOW RATES	PRESSURES	CC/IMP.	CONNECTIONS	STROKES/MIN..	CONSUMPTION	WEIGHT	MODEL
0,4 l/h	20 bar	0,06	4x6 - 4x7	120	14 watt	3 kg	GEA Low flow
0,8 l/h	16 bar	0,11	4x6 - 4x7	120	14 watt	3 kg	
1,2 l/h	10 bar	0,17	4x6 - 4x7	120	14 watt	3 kg	
1,5 l/h	6 bar	0,21	4x6 - 4x7	120	14 watt	3 kg	
2,5 l/h	20 bar	0,35	4x6 - 4x7	120	20 watt	3 kg	GEA 1
3 l/h	18 bar	0,42	4x6 - 4x7	120	20 watt	3 kg	
3 l/h	12 bar	0,31	4x6	160	20 watt	3 kg	GEA 2
4 l/h	10 bar	0,42	4x6	160	20 watt	3 kg	
5 l/h	8 bar	0,52	4x6	160	20 watt	3 kg	
8 l/h	2 bar	0,83	4x6	160	20 watt	3 kg	
7 l/h	16 bar	0,39	4x6	300	40 watt	4 kg	GEA 3
10 l/h	10 bar	0,55	4x6	300	40 watt	4 kg	
14 l/h	6 bar	0,78	4x6	300	40 watt	4 kg	
16 l/h	2 bar	0,89	4x6	300	40 watt	4 kg	
20 l/h	5 bar	1,11	8x12	300	40 watt	4 kg	GEA 4
32 l/h	4 bar	1,78	8x12	300	40 watt	4 kg	
62 l/h	2 bar	3,44	8x12	300	40 watt	4 kg	
110 l/h	0,1 bar	6,11	8x12	300	40 watt	4 kg	

Water Treatment



Water Treatment



Main application

- Electroplating industry, Pickling, Degreasing and metal treatments generally
- Cooling Tower
- Potable water application
- Reverse osmosis application
- Paper industry
- Ceramic industry

Installation kit



Water Treatment

Accessories



PRIMING AID



- Capacity: 300 ml
- PVC body
- FPM seals
- Connections: 4x6mm – 8x12mm

AC.VS



- Back-pressure valve up to 10 bar
- PTFE diaphragm

AC.VIE



- Extractable injection valve
PVC 1/2" g.m. IN - 1/2" g.m. OUT



- Extractable injection valve
with ball valve PVC 1/2" g.m. IN - 1/2" g.m. OUT

AC.SL



- Floating level probe with bipolar cable (2 mt) with support

AC.VSA (ATHENA.1 .2 .3)



- PvdF Pump head with automatic bleed valve
- Flow reduction, according to the quantity of air in the liquid

AC.SF



- Flow sensor
- FPM Seals
- 4x6 / 8x12 connections

AC.VM PVDF

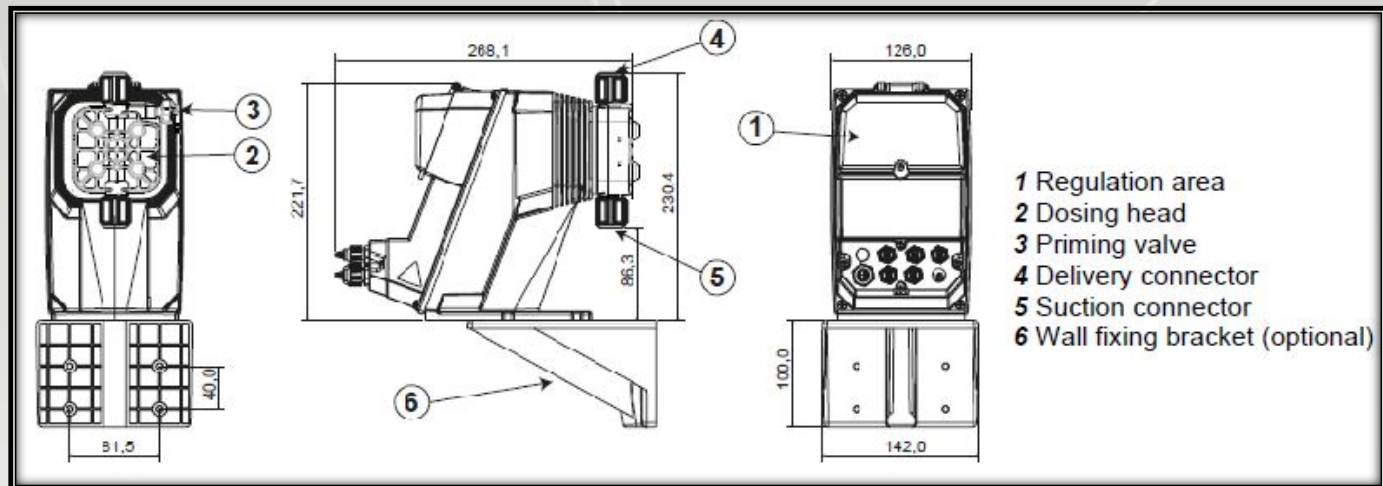


- Multifunction valve, antisiphon, backpressure, safety
- PVDF body, PTFE membrane
- Adjustable Pressure 0÷5 bar • Relief Pressure 0÷18 bar

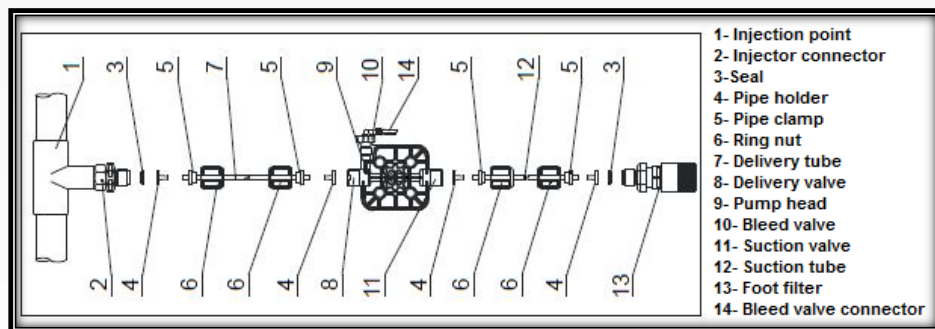
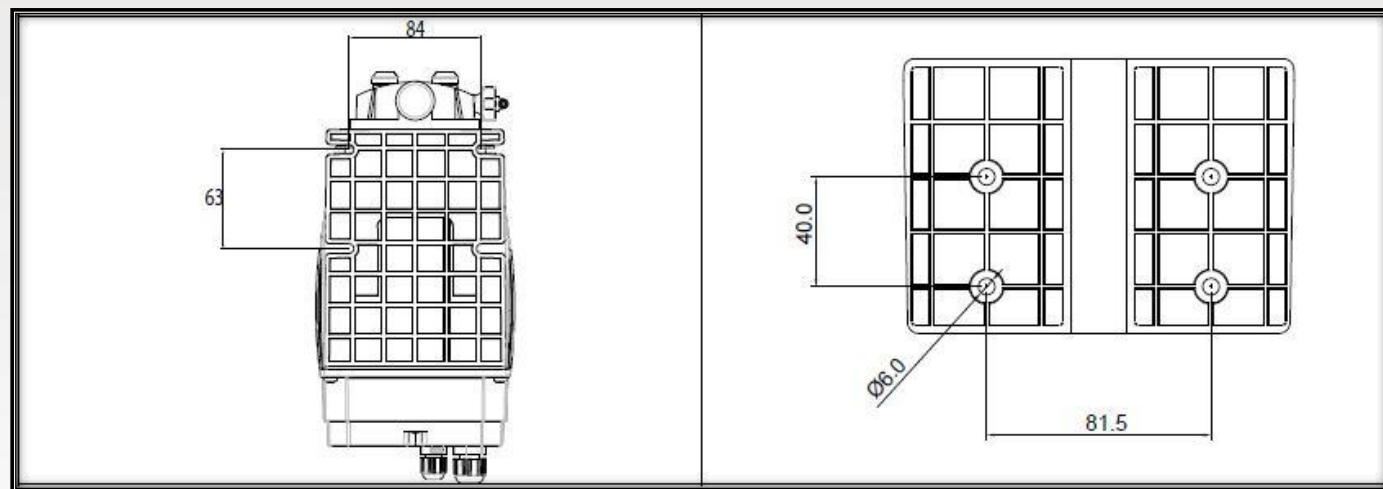
Water Treatment



Dimensional drawing



Fixing templates



Plumbing

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