



# Innovative Electronic Pumps

TMG SERIES

For continuous and pulsation free  
dosing applications without compromise!

## Technical Explanations

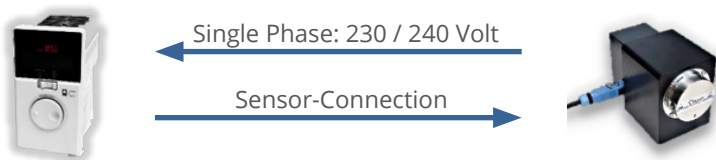
### Highlights

- Leak free seal-less construction
- High capacity & pressure
- Very accurate dosing
- Self priming
- No liquid pulsation
- Overload safety device
- Extreme chemical resistance

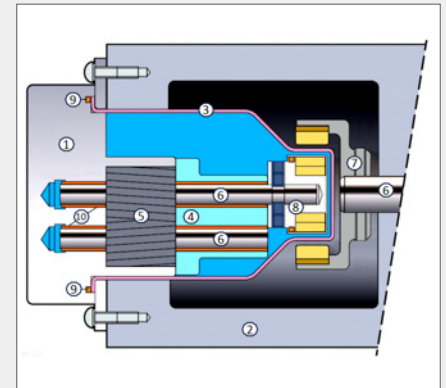
### Standard Equipment

- Seal-less pump body construction (eliminate leakage problems)
- Liquid wetted parts produced from SST 316 / PEEK / PTFE
- Self-priming ability up to 8.0 kPa (0,8 bar)
- High efficiency motor
- Magnet coupling (prevents liquid overpressure)

### Electronically controlled dosing



### Pump Structure



1. Pump body, SST 316
2. Pump house, POMC
3. Gear case, SST 316
4. Bearing Holder, SST 316
5. Gears, PEEK
6. Shafts, Edelstahl 316
7. Outside magnet
8. Inside magnet, SST 316
9. Seals, PTFE / FKM
10. Bearings, CF+PTFE

### Wide range of applications

- Water treatment
- Disinfection systems
- Food and beverage industry
- Pet food industry
- Greenhouses
- Paint and printing industry
- Metal processing
- Cleaning plants
- Solvents, alkalis, toxics
- Pharmaceutical industry
- Laboratories
- Cosmetics industry
- Medical technology
- Cooling systems
- Plasma etching
- Semiconductor industry
- PCB manufacturing

## Technical Information

### TMG-03

Flow rate up to	3 liter / min.
Pressure up to	6 bar
Max. liquid viscosity	500 mPas
Temperature range	0 to 95°C
Dosing accuracy	< 0,5 %
In / Out Connections	1/8"
Output power	120 Watt
Adjustable rpm	50 – (300*) - 4000
Max. dimensions	L = 156 mm / W = 130 mm / H = 165 mm
Weight	4 kg

### TMG-05

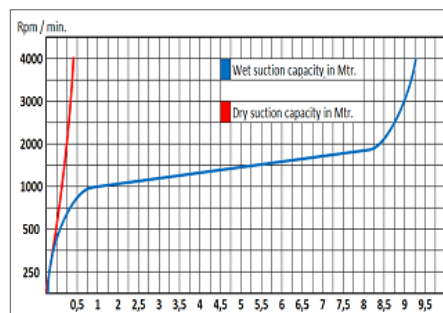
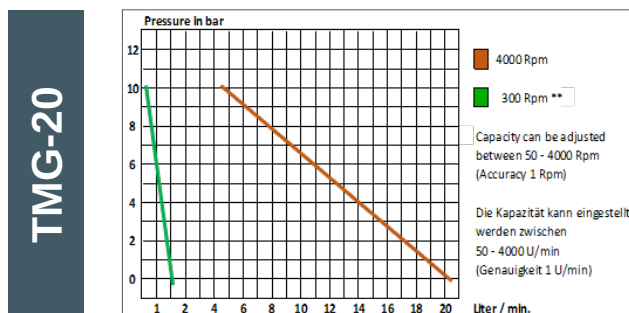
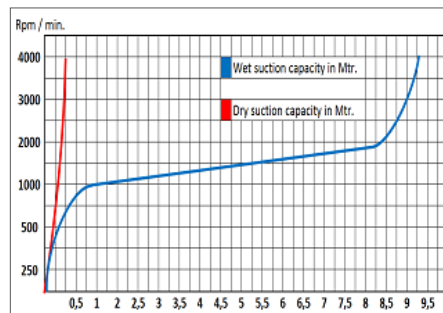
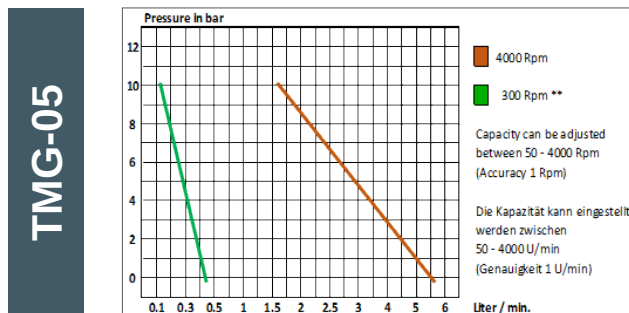
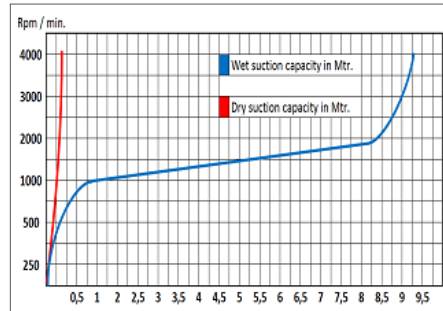
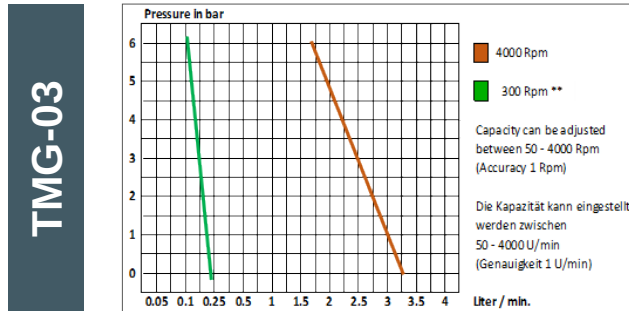
Flow rate up to	6 Liter / min.
Pressure up to	10 bar
Max. liquid viscosity	1000 mPas
Temperature range	0 to 95°C
Dosing accuracy	< 0,5 %
In / Out Connections	1/4"
Output power	200 Watt
Adjustable rpm	50 - (300*) - 4000
Max. dimensions	L = 215 mm / W = 130 mm / H = 165 mm
Weight	6 kg

### TMG-20

Flow rate up to	21 Liter / min.
Pressure up to	10 bar
Max. liquid viscosity	1500 mPas
Temperature range	0 to 95°C
Dosing accuracy	< 0,5 %
In / Out Connections	1/2"
Output power	300 Watt
Adjustable rpm	50 – (300*) - 4000
Max. dimensions	L = 250 mm / W = 130 mm / H = 165 mm
Weight	6 kg

\* minimum rpm for self priming

## Performance graphs (clear water)



Performance graphs (clear water at 25°C)

## Come and visit us in our pump workshop



... or on YouTube at <https://www.youtube.com/@schnittlergmbh8723> !

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