

VERDERGEAR Small, Gear pump VGS004

Description

Verdergear Gear Pumps are perfectly suitable for demanding applications in fluid transfer for dangerous liquids or expensive chemicals. They produce a very constant pulsation free flow without leakage.

The magnetically driven gear pumps have no shaft seals and are 100% leakfree. The pumps are perfect for dosing small volumes in a precise and reproducible way.



Advantages

- Pulsation free flow
- Highly reliable
- High dosing accuracy
- Corrosion-resistant materials
- Self-priming
- Very user-friendly

Application areas

- Construction industry
- Chemical industry
- Research & Development
- Food industry
- Paper industry
- Textile industry
- Environmental technology

Technical data

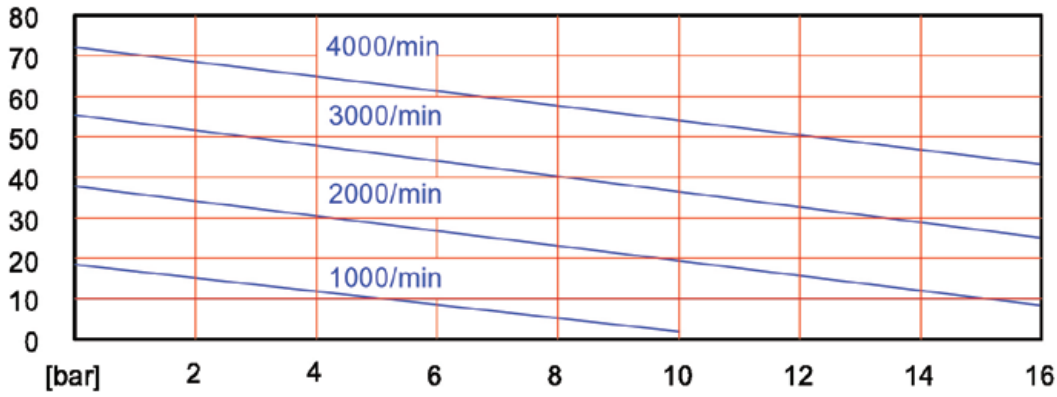
Speed range	40 - 4000 Rpm
Flow range	0 - 4,4 l/h
Max. differential pressure	16 bar
Max. system pressure	21 bar
Temperature range	-46 to +122 °C
Viscosity	0.2 - 1500 mPas*
Connections	1/8 " NPT
Noise level	< 70 dB (A)
Material o-ring	PTFE
Material gears	Graphit
Material casing	Stainless steel 316L

* higher viscosities are possible on request

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Flow curve

[ml/min]



Drawing

