

# VERDERGEAR Small, Gear pump VGS2000

## 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

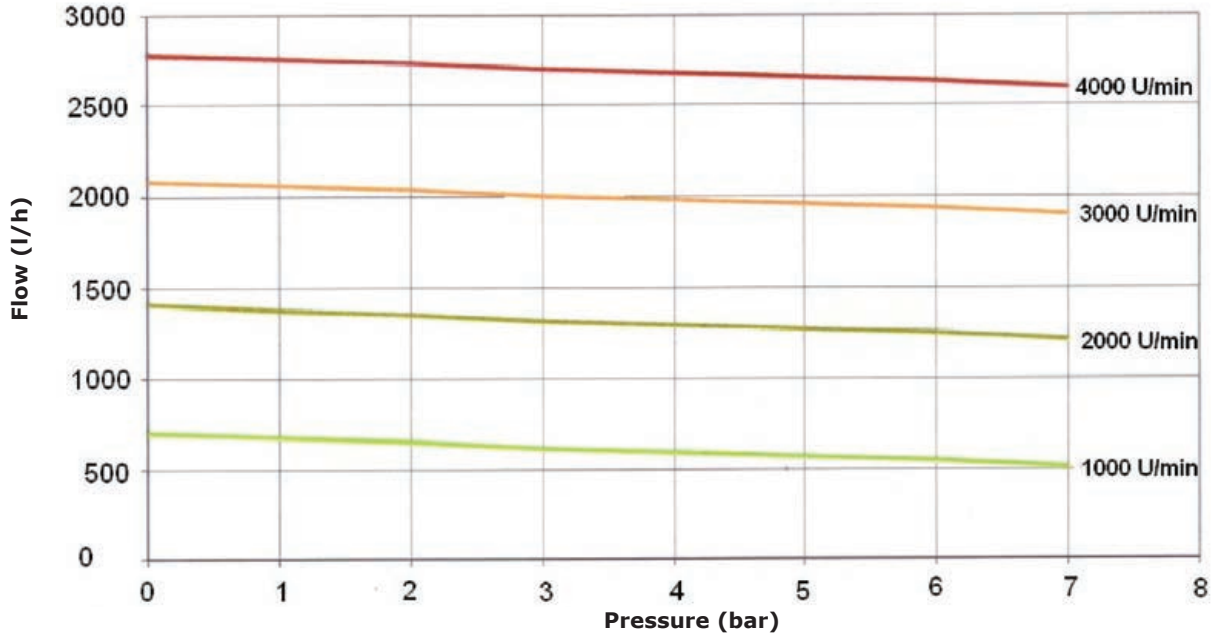
## Technical data

Speed range	40 - 4000 Rpm
Flow range	0 - 2880 l/h
Max. differential pressure	7 bar
Max. system pressure	34 bar
Temperature range	-46 to +176 °C
Viscosity	1 - 2000 mPas*
Connections	Inlet 3/4 " NPT Outlet 1/2 " NPT
Noise level	< 70 dB (A)
Material o-ring	PTFE (optional Viton)
Material gears	PEEK (optional PPS)
Material casing	Stainless steel 316L (optional Hastelloy, Titan)

\* higher viscosities are possible on request

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## Flow curve



## Drawing

Model	C	P	L	Inlet	Outlet	SL
VGS2000	23.8 mm	75.1 mm	303.28 mm	3/8" NPT	1/2" NPT	M4 x 80

