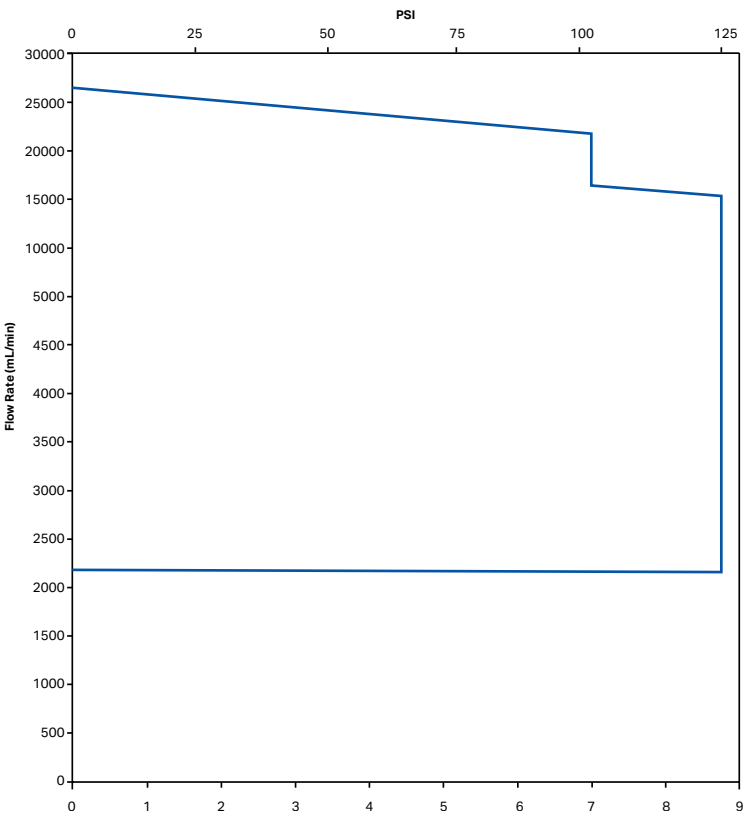




Micropump's GLH Series features helical gears for a rugged solution optimized for reliable performance, more displacement, and longevity of operation in challenging pumping applications.

PUMP FLOW RANGE

(Based on Constant Speed Curves)



MAGNETIC GEAR PUMP FEATURES

CAVITY STYLE PUMPS

Cavity style pumps are excellent for wide-ranging inlet and outlet operating conditions. The helical gears allow for a highly quiet and efficient pump for fluid movement.

SMOOTH PULSELESS DELIVERY

Positive displacement, precision gears provide consistent fluid delivery in continuous processes.

EASY TO SERVICE

Our pumps are easy to service using a Micropump® service kit and simple hand tools.

LEAK FREE DESIGN

The magnetic drive and static o-ring seal(s) keep the fluid securely inside the pump and potential contaminants out.

CHEMICALLY RESISTANT

Chemically inert materials for harsh environments.

PERFORMANCE SUMMARY

FLOW RATE AT 3450 RPM

- 26.6 L/min (7.0 US gpm)

DISPLACEMENT

Gear Set	H21	H23	H25
mL/rev	4.6	6.2	7.7
US gal/1000 rev	1.2	1.6	2.0

MAXIMUM RATED DIFFERENTIAL PRESSURE

- 8.6 Bar (125 psi)

MAXIMUM RATED SYSTEM PRESSURE

- 103.4 Bar (1500 psi)

TEMPERATURE RANGE

- 29 to 121 °C (-50 to 250 °F)

VISCOSITY RANGE

- 0.5 to 2500 cps

MAXIMUM RECOMMENDED SPEED

- 3450 rpm

PUMP CONSTRUCTION

- Cavity style
- Helical, shafted gears
- Sleeve bushings
- O-ring seals

WETTED MATERIALS

BASE MATERIAL

- 316 stainless steel

GEARS

- PTFE
- PEEK

STATIC SEALS

- PTFE
- Viton

MAGNETS

DRIVEN

- Rare earth

DRIVING

- Ferrite
- Rare earth

*Denotes customization or materials that may require minimum order quantities.

ACTUAL PERFORMANCE MAY VARY. Specifications are subject to change without notice.



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