

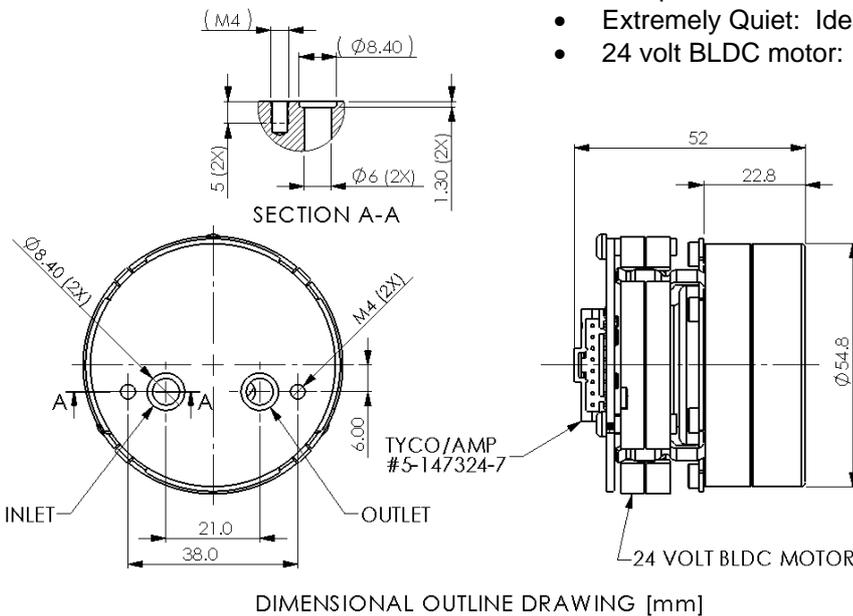
Product Datasheet: 1000ml/min Silencer Series

All Diener pumps are customized to suit your requirements: the information below represents one of the possibilities...



The Silencer series is everything a gear pump should be: simple, leak-free, chemically inert, reliable, and economical. Its manifold mounting simplifies the plumbing, further reducing the installed cost in your system. A magnetic coupling ensures the pump will never leak and wetted materials are chosen to withstand a wide range of aggressive chemicals. The enhanced gears and shaft bearings have been optimized to ensure a long, trouble-free life and very low power consumption. And of course we manufacture every component using Diener's legendary production techniques, resulting in a very high quality product at a relatively low cost.

- Magnetically Coupled: No seal leaks
- Low Power Consumption: Very little heat transfer to fluid
- Inert Construction Materials: Compatible with wide range of fluids
- Compact: BLDC motor is incorporated into pump
- Extremely Quiet: Ideal for OEM equipment
- 24 volt BLDC motor: long life and maintenance-free



Specifications:

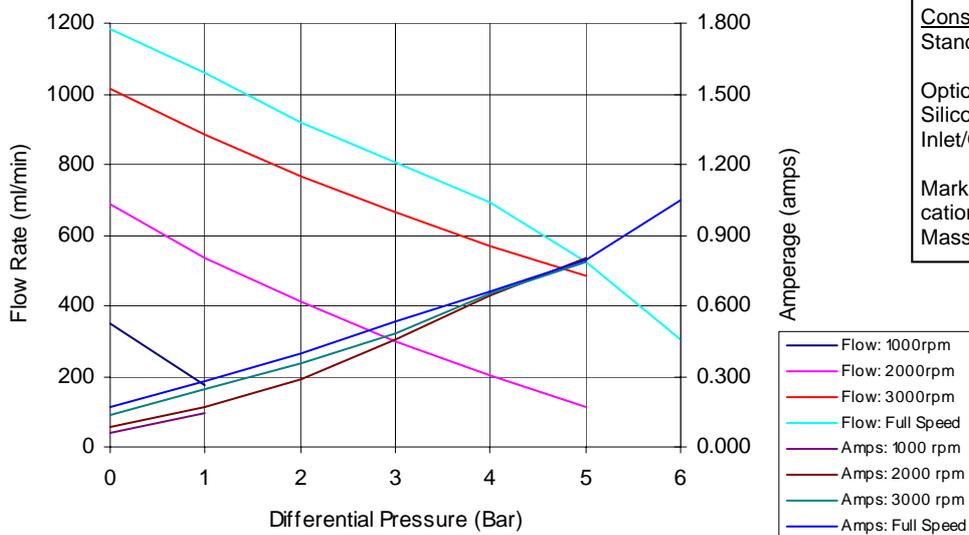
Performance:
 Max. continuous pressure: 4 bar
 Max. intermittent pressure: 6 bar
 Max. static Case pressure: 20 bar
 Inlet: Self-priming
 Speed range: 300-3500 rpm
 Fluid viscosity range: 0.3 to 1000 cps

Electrical:
 Supply voltage: 24vdc
 Rotation: Bi-directional
 BLDC controller: Customer to provide (consult factory)
 Max. current: 1.2 amps
 Max. output power: 35 watts
 8-pin Tyco/AMP connector

Temperature:
 Fluid temperature range: 0-80°C
 Ambient air temp. range: 0-60°C
 Relative humidity range: 0-95% non-condensing

Construction:
 Standard: 316L stainless steel, PEEK®, EPDM
 Optional: 304 SS, Alloy-C, PPS, Teflon®, Silicone, Viton®, Kalrez®
 Inlet/Outlet: Manifold mounted with o-ring glands to fit -008 o-ring
 Marking: Permanent laser-mark identification for 100% traceability.
 Mass: 0.6 kg

Typical Performance Curve: Water at Room Temperature



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