QF3222i Product Datasheet

Version: 15-02-08

## Product Datasheet: 1000ml/min Optima Series

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



Pump shown with 1/4-28 UNF side ports and 3mm I.D. tube fittings.

The Optima series is designed for applications requiring accurate flow in a very small package size. The wetted materials and gear construction are the same as those of it's larger cousins, but by removing one of the shaft bearings the overall length is much shorter. In addition, the magnetic coupling has been miniaturized to further reduce the overall length without sacrificing highpressure performance. The inlet and outlet port locations can be located on the side, top, or end of the pump, and are available in a variety of sizes. The brush-less DC motor has an integral flange allowing bulkhead mounting, and its IP55 rating ensures it will stand up to harsh environments.

- Magnetically Coupled: No seal leaks
- Positive Displacement: Pulse-less flow delivery across pressure range.
- Inert Construction Materials: Compatible with wide range of fluids
- Mounting Versatility: Motor flange mounting with a variety of porting styles/locations



None of the information supplied by Diener Precision Pumps constitutes a warranty regarding product performance or use. Any information regarding performance or use is only offered as suggestion for investigation for use, based upon Diener Precision Pump's or other customer experience. DPP makes no warranties, expressed or implied, concerning the suitability or fitness of any of its products for any particular purpose. It is the responsibility of the customer to determine that the product is safe, lawful and technically suitable for the intended use. The disclosure of information herein is not a license to operate under, or a recommendation to infringe any patents.

Released: QM

Page: 1(1)

www.dienerprecisionpumps.com	
www.ulenerprecisionpumps.com	

Engineering