

Hygienic

NOVAlobe

Hygienic Rotary Lobe Pump

Shanley Pump  
& Equipment, Inc.



# NOVALobe

## Features

The HILGE NOVALobe Stainless Steel Hygienic Rotary pump offers reliable and efficient bi-directional pumping operation for high specification pumping tasks from 0.03 to 1.29 liters per revolution at temperatures up to 284°F up to 232-435 PSI requiring the strictest hygienic design criteria.

The NOVALobe meets the strictest in testing rules and regulations under the following international rules and regulations regarding sterile hygienic pumps:

- EU Machinery Directive
- FDA and GMP regulations
- EU Foodstuff Hygienic Guidelines
- DIN EN 12462 Biotechnology Standard
- Recommendations of the EHEDG (European Hygienic Equipment Design Group)
- Recommendations of the QHD (Qualified Hygienic Design)

## Description

The HILGE NOVALobe Rotary Pump has a Thermal Jacket design available for the front cover of the pump which is used to control the temperature of the medium being pumped for both heating and cooling of the product. The design also incorporates a Pressure Relief Valve as a safety feature incorporated into the Aseptic front cover.



**Shanley Pump & Equipment, Inc.**  
 2525 S. Clearbrook Drive  
 Arlington Heights, IL 60005  
**P:** 847.439.9200  
**F:** 847.439.9388  
[www.shanleypump.com](http://www.shanleypump.com)  
[sales@shanleypump.com](mailto:sales@shanleypump.com)

## Usage

The NOVALobe rotary-pump design makes it appropriate for use in the following industries due to its unique construction:

- Breweries (e.g. yeast)
- Dairies (e.g. yoghurt with fruit)
- Soft-drink applications (e.g. syrup)
- Food processing industries (e.g. chocolate & jam)
- Pharmaceutical Industry
- Rotary Pumping Applications
- Vaccine/fermentation broth
- Blood products
- Biotechnology Cosmetics (e.g. shampoo & lotion)

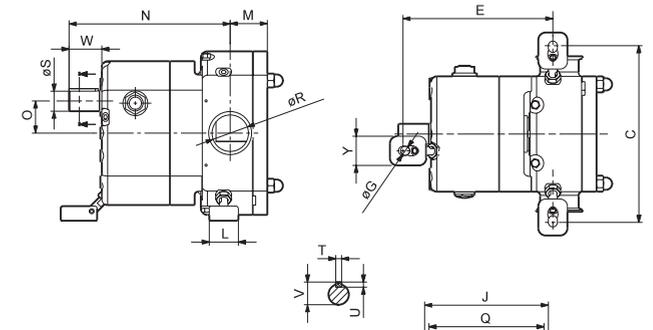
## Main Applications

- Medical Industry Pumping
- Pharmaceutical Pumping
- Biotechnology Pumping
- Beverage Industry Pumping
- Sanitary Applications
- Dairy Industry Pumping
- Food Processing Pump

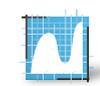
**GPM** 0.03 - 1.29 LPM

**PSI** 232 - 435 PSI

**TEMP** up to +284 °F



Please Click The Icons Below For More Information:



50HZ  
Performance Curve

