

عربيا

SIPLA

(CIP) Self-Priming Centrifugal Pump

Shanley Pump  
& Equipment, Inc.



# SIPLA

## Features

The Hilge SIPLA series of self-priming centrifugal pumps is available in 316 Stainless steel for durability and long life in Clean-In-Place pumping applications from 0-275 GPM at temperatures up to 203°F up to 189 feet of head. Its liquid ring, self-priming design is available in Bloc (close coupled), Super (stainless shroud and peg feet), or CN (bare shaft foot mount) models.

## Description

Self-priming Hilge SIPLA centrifugal liquid ring pumps are capable of venting the suction line. This requires the pump to be at least half-full of fluid. The star-shaped impeller thrusts the fluid in the pump into the side channel. This creates suction on the suction side of the pump which is then capable of venting the suction pipe work. The atmospheric pressure on the fluid surface then forces the fluid up the pipe work to the pump. The SIPLA Design is a great pump for Beer manufacturing.

Port connections can be customized to your specific needs along with either a shaft seal with either single or double mechanical seal fittings. The SIPLA model has the ability to handle liquids with entrained air which makes it particularly suited to CIP scavenge applications with a low shear for yeast harvesting.



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## Usage

Hilge Pumps are designed to cope with media with unique physical and chemical characteristics and are generally used as return scavenging pumps in the beverage and food production industry.

A permanently installed pump is built into the respective pipeline at the starting point which applies the necessary force to the media by sucking it in on one end, and discharging it on the other. This causes a pressure increase on the discharge side of the pump and a reduction in pressure at the suction side of the pump.

## Main Applications

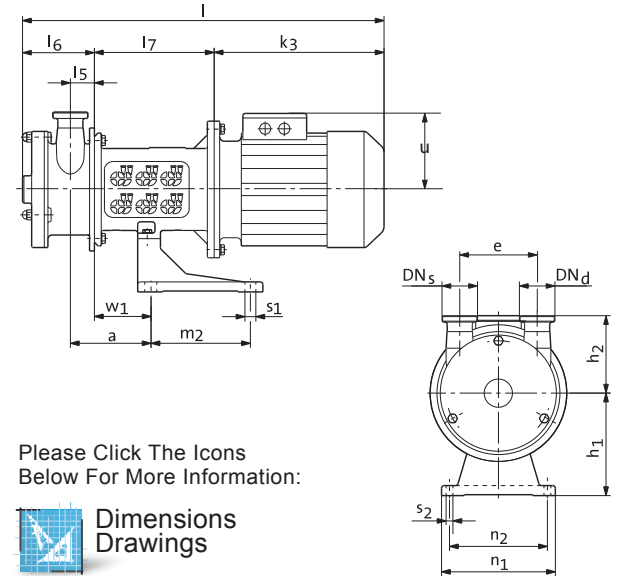
-  Food Processing Industry
-  Cosmetics Industry
-  Pharmaceutical Manufacturing
-  Sanitary Pumping Applications
-  Dairy Process Applications
-  Clean-In-Place (CIP) Applications
-  Hot/Cold Water Pumping
-  Liquid-Gas Pumping Applications

**GPM** 0 - 275 GPM

**PSI** up to 145 PSI

**TEMP** +203°F

**HEAD** 189 ft.



**50Hz**  
Performance Curve

