



SIPLA

SELF-PRIMING SANITARY PUMPS



HIGH QUALITY SELF-PRIMING PUMPS FOR SANITARY PROCESSING

Reliable and tough

The SIPLA range of self-priming pumps offers extraordinarily reliable operation even under tough conditions of liquids with a high air content.

Specialised applications

The SIPLA pump range is specially designed for applications in:

Food & Beverage

Cleaning (return CIP)

Pharmaceutical industries

Industrial applications demand highly reliable pumps as breakdown can be extremely expensive. The SIPLA range offers superior quality in every detail and unmatched reliability in most applications.

Food grade materials

The pump casing and front cover are made of AISI 316L stainless steel equivalent to 1.4404. The open star impeller is made of 1.4404 and the impeller nut of 1.4435. The pump shaft is made of 1.4571, and the shaft of 1.4435/1.4571 stainless steel.

Unique hygienic design

The SIPLA is a range of single-stage, self-priming side channel pumps. The top casing connections ensure that the SIPLA pumps are not drained when not running.

The SIPLA range is capable of handling liquids with a high content of air as in CIP return systems.

Certified performance

The SIPLA range complies with the 3A Hygienic Standard. All parts in contact with the pumped liquid are made of electro-polished stainless steel AISI 316L.



CUSTOMISED SOLUTIONS

SIPLA Bloc

Stationary pump mounted on motor foot, motor with extended stainless steel shaft.

Option Stainless steel foot.



SIPLA Bloc-SUPER

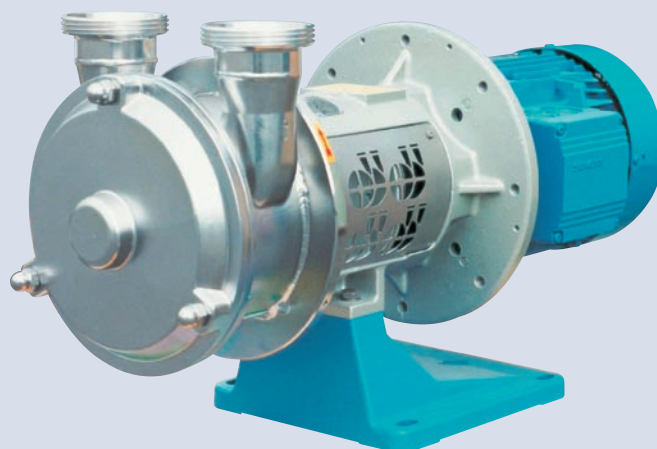
Stationary pump mounted on adjustable stainless steel ball feet. Stainless steel motor shroud.

Option Stainless steel foot.

SIPLA Adapta®

Stationary on cast iron foot for fixed installation. IEC standard motors or NEMA motors can be fitted, using a standard flexible coupling, directly to the pump shaft. The motor is bolted onto the lantern flange or the intermediate Adapta® lantern. The pump can remain in the pipeline when the motor is serviced or replaced.

Options With complete coupling but without motor.
Stationary on stainless steel foot.
Stationary mounted on stainless steel combi-foot with machine pads.
Adapta® SUPER stationary mounted on stainless steel combi-foot with machine pads and shrouded motor.



SIPLA CN

Stationary mounted on base plate complete with coupling and coupling guard. Standard IEC motors or NEMA motors can be fitted using standard flexible coupling.

Option Bare shaft pump with base plate and coupling without motor.

SIPLA tronic

Pump with integral frequency converter for speed and performance variation. Suitable with all motor sizes up to 7.5 kW/50 Hz.

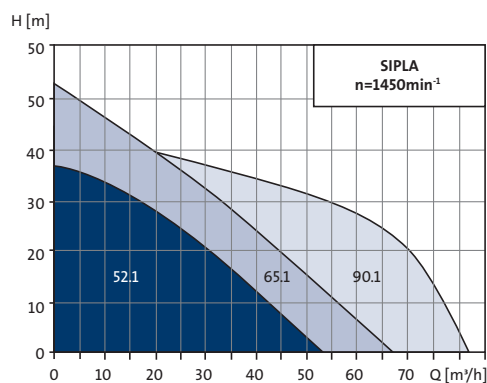
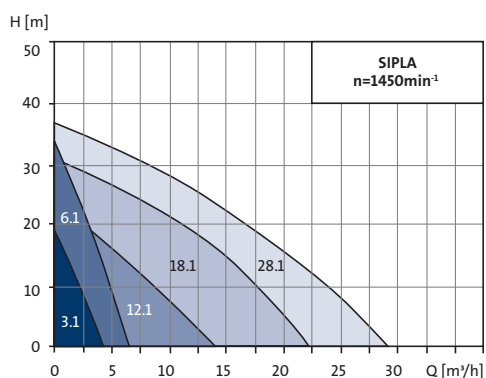
Mobile unit mounted on stainless steel trolley complete with motor starter and cable are available.



Technical data

Depending on pump type

Flow: up to 90 m³/h
 Head: up to 50 m
 Operating pressure: up to 10 bar
 Operating temperature: 95°C
 Sterilisation temperature: 140°C (SIP)



GRUNDFOS SANITARY RANGE



Shaft seals

Single inboard mechanical shaft seal positioned in liquid ensures efficient cleaning and cooling. Materials selected to suit the pumped liquid.

Standard Carbon/stainless steel/EPDM or Viton.

Option SiC/SiC/EPDM or Viton.

Connections

Threaded to DIN 11851

Options Threaded connections: SMS, RJT, IDF Clamp connections to DIN and Clamps Tri-Clamp/Tri-Clover.



The Grundfos sanitary range

Grundfos has developed and produced high-quality industrial pumps for more than half a century. Throughout our long history, our focus has always been on product performance and reliability. We strive to provide our customers with the best possible solution, regardless of application. This dedication to customer needs makes us the ideal pump partner for industry.

Grundfos' worldwide leading position now also includes Hilge's variety of sanitary pumps. Hilge was founded in 1862 and is famous for its customised and high-grade stainless steel sanitary pumps for the food, beverage and pharmaceutical industries.

Throughout history innovation and the desire to provide competitive pump solutions has been the driving force of Hilge. This is no different from Grundfos. Our history and tradition are built on that very same ambition. So adding Hilge to Grundfos only means an even stronger desire to make state-of-the-art sanitary pumps. Given the vast development resources of Grundfos we are confident that the combination of two so similar traditions will only amplify our common effort to produce even better solutions for our customers.

Contact the Grundfos dealer nearest you for further information on the Grundfos sanitary range, or via www.grundfos.com