

Sanitary Pumps Specification Sheet

Product transfer and CIP return duties in SUS304 or SUS316L from 1000 to 30,000 L/H.

Two pump duties that look similar and are not. The centrifugal pump moves product through the process at 1000 to 30,000 L/H. The CIP return pump brings cleaning solution back from vessels and lines to the CIP set at 5000 to 30,000 L/H, which means coping with part-full pipes and entrained air that would make a product pump lose prime.

2 products in this category. Every figure below is published on the product pages at trueglowimaging.com/categories/pumps.html

Centrifugal Pump

HTK-P-01 · SUS304 / SUS316L

A sanitary centrifugal pump handling 1000 L/H to 30,000 L/H in SUS304 or SUS316L, for beer, beverage, soft drinks, fruit juice, pure water, mineral water, dairy and seasoning production. Working capacity is built to requirement, with a minimum order of one unit and 100 units produced per month.

Specification

Product Model	HTK-P-01
Working Capacity	1000 L/H to 30,000 L/H, customised
Material	SUS304 / SUS316L
Industries	Beer, beverage, drinks, fruit juice, pure water, mineral water, dairy, seasoning
Minimum Order	One unit
Production Capacity	100 units per month

Key benefits

Sanitary Construction Throughout. SUS304 or SUS316L wetted parts with a hygienic design is what separates a food pump from an industrial one. It is the difference between a pump that cleans in place and one that harbours product.

Capacity Range of Thirty to One. 1000 L/H to 30,000 L/H covers transfer duties across an entire plant, from a small dosing line to main product transfer.

Built to Your Duty Point. Working capacity follows the requirement rather than a catalogue step, which matters because an oversized pump throttled back wastes energy every hour.

Single Unit Orders. One pump can be ordered, which is what a replacement or a line modification actually needs.

Where it is used

Product transfer between process tanks • Feeding a pasteuriser or steriliser • Supplying a filling machine from a buffer tank • Transferring juice, milk or beer through a line • Water transfer in a bottling plant • Circulating product through a blending loop

CIP Return Pump

HTK-RP-01 · SUS304 / SUS316L

A CIP return pump handling 5000 L/H to 30,000 L/H in SUS304 or SUS316L, for beer, beverage, soft drinks, fruit juice, pure water, mineral water, dairy and seasoning plants. It returns cleaning solution from vessels and lines back to the CIP set so the same detergent and caustic can be recovered and reused rather than sent to drain.

Specification

Product Model	HTK-RP-01
Working Capacity	5000 L/H to 30,000 L/H, customised
Material	SUS304 / SUS316L
Function	Returning cleaning solution to the CIP set
Industries	Beer, beverage, drinks, fruit juice, pure water, mineral water, dairy, seasoning
Minimum Order	One unit
Production Capacity	100 units per month

Key benefits

Recovers Cleaning Chemistry. A return pump is what makes recovery CIP possible. Without it, every clean sends fresh caustic and acid to drain, which is both a chemical cost and an effluent charge.

Handles Air-Entrained Return Flow. Return lines run part-full and carry air. A pump specified for CIP return duty deals with that rather than losing prime.

5000 to 30,000 L/H. The range covers a small dairy CIP set through to a large multi-circuit system.

Sanitary Materials. SUS304 or SUS316L construction, since the pump sees both product residue and hot caustic on the same cycle.

Where it is used

Returning caustic from a tank CIP circuit • Recovering acid rinse from process lines • CIP return duty in a dairy processing plant • Cleaning circuits in a juice or beverage plant • Multi-circuit CIP sets in a brewery • Recovery CIP systems reducing chemical spend

How To Enquire

Send the process rather than a model number: capacity or flow rate, the product being handled, the container format where relevant, and the utilities already on site. WhatsApp +86 150 5517 9418 or email sales@trueglowimaging.com.

Minimum order is one unit on the process, packaging, utility and crane ranges. Machined, fabricated and moulded parts are quoted from single pieces upward.