



# Centrifugal Pump Stursan

**Pumping solutions for the food, beverage,  
pharmaceutical and chemical industry**

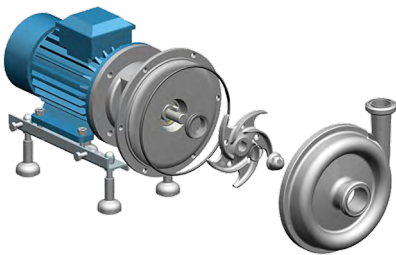
## Centrifugal Pumps

### KTF Series



Stursan Centrifugal pump for flooded suction.

Open impellers with several diameters to each model.



- **Max. Flow Rate:**  
100 m<sup>3</sup>/h - 2900 rpm  
50 m<sup>3</sup>/h - 1450 rpm  
33 m<sup>3</sup>/h - 960 rpm
- **Max. Differential Pressure:** 74 m
- **Temperature:** -20°C to 140°C
- **Max. Power:** 30 KW

### ZTF Series



Self-priming centrifugal pump with inducer.

Designed for pumping fluids containing air or gas bubbles. Ideal for CIP return systems and for draining tanks and pipelines.



- **Max. Flow Rate:**  
50 m<sup>3</sup>/h - 2900 rpm
- **Max. Differential Pressure:** 66 m
- **Max. Suction:** 8 m
- **Temperature:** -20°C to 150°C
- **Max. Power:** 20 KW

### CIP-U/CIP-L Series

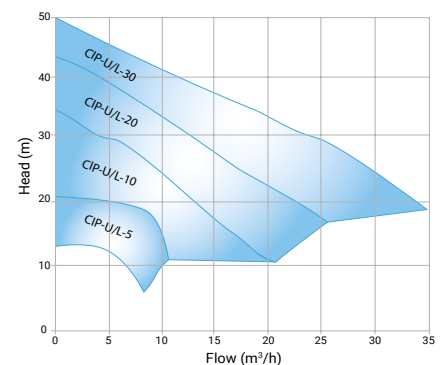
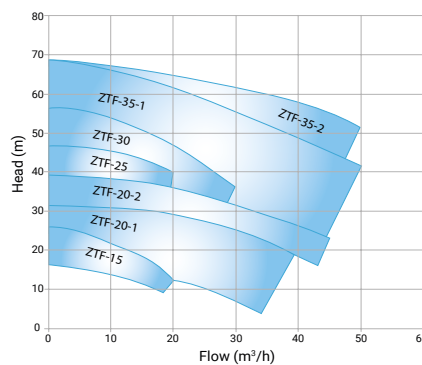
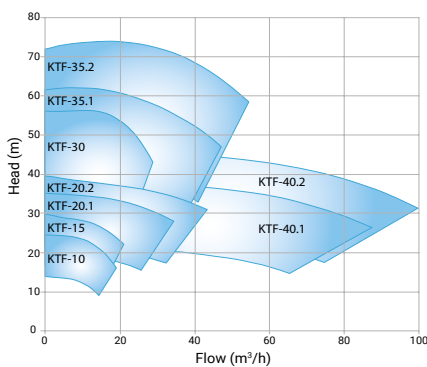


Self-priming liquid ring centrifugal pump.

Designed for pumping fluids containing air or gas bubbles. Ideal for CIP return systems and for draining tanks and pipelines.



- **Max. Flow Rate:**  
40 m<sup>3</sup>/h - 1450 rpm
- **Max. Differential Pressure:** 42 m
- **Max. Suction:** 8 m
- **Temperature:** -20°C to 130°C
- **Max. Power:** 15 KW



**Test conditions:**

Water in standard conditions, 20°C, impeller speed 2900 RPM

### Materials

- **Wetted parts:** 316L Stainless Steel Cast and machined.
- **Impeller:** AISI-316L Stainless. Open impellers with several diameters to each model to KTF series.
- **Mechanical Seal:** Simple SiC/SiC or Double SiC/SiC with Flush. Only one size of mechanical seal for all models.
- **O’rings:** EPDM, FKM, NBR (FDA)

### Surface finished

- Surface finished:** Hygienic quality, hand polished welds.
- Standard (Wetted parts Ra < 0,8 CNC mechanical finishing. Open impeller Ra<3,2)
  - On demand (Wetted parts and impeller; Ra < 0,8 or Ra < 0,5 CNC mechanical finishing)

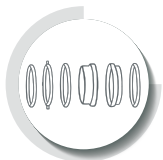
### Connections

- **Input/Output connection:** DIN 11851 / SMS/ ISO / IDF / RJT / ASME BPE 3A.
- **Type:** thread, clamp, flange, aseptic flange.

### Certification and Compliance



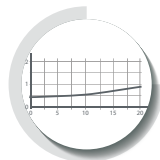
### Pump benefits



Single closure size



High efficiency



Low values of NPSHr



Robust construction



Chemical resistance



Gentle product handling



Easy maintenance

### Applications



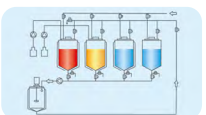
- **Food and beverage:** Juice, tea drinks, wine, beer, milk, dairy products..



- **Process:** heat exchangers, filtration units, brine injectors...




- **Chemical industry application:** Pesticide, Insecticide, Herbicide, Fertilizer...




- **CIP System**





 [info@stursan.com](mailto:info@stursan.com)

 [www.stursan.com](http://www.stursan.com)