



**HARLAND
ENGINEERING**

Pumps | Acoustics | Design

HILGE HYGIENIC PUMPS



PUMP TYPE

Single stage, end-suction centrifugal pump

APPLICATIONS

Flow: up to 250 m³/h

Differential pressure: up to 7 bar

Working pressure: up to 16 bar

Single stage, end-suction centrifugal pumps designed to meet the hygienic criteria of sterile technology. CIP and SIP capable, with the performance criteria for pumps to DIN EN 12462. EHEDG Test Certificate regarding CIP cleanability.

DESIGN

Casing and back-plate manufactured from heavy duty, deep drawn rolled stainless steel 1.4404 corresponding to AISI 316L. 4 impeller designs (optimum gentle pumping action): semi-open in rolled stainless steel quality 1.4404, closed in 1.4571 or 1.4581.

OPTION

- > Two channel impeller or unblockable impeller
- > Equipped with sturdy, quick-release clamp
- > Equipped with flange ring (HP = High Pressure design)

Shaft seals

Depending on application and media, single or double mechanical seals, tandem or back-to-back, with flushing or sealing water connection. The inboard mechanical seal is cooled and cleanable due to its optimum position in the product flow. Materials selected to suit media pumped.

CONNECTION TYPES:

- > Threaded connections to DIN 11851
- > Flange fittings to DIN 2642
- > Other connections available conforming to the following standards: SMS, RJT, IDF, clamp connection to DIN and ISO or other standards, special sterile threaded fittings and sterile small flanges.