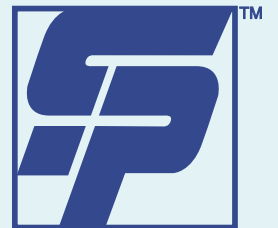


EDUR[®]



Self-Priming Centrifugal Pumps

**Shanley Pump
& Equipment, Inc.**





Features

The EDUR S Series of Self-Priming Centrifugal Pump is designed to reprime itself by using its unique design to trap a water/gas mixture inside its body with normal operation. When the pump stops, the gas separated inside the pump housing does not leave a vacuum formed in the pump during its last operational cycle.

Description

Due to the installed elbow at pump suction side, the liquid is kept inside the pump so that in case of re-start the pump is in a position to evacuate the suction-side pipes. As soon as the evacuation of the suction-side pipes has been made the pump continues to pump the liquid in effect "self-priming" itself for the next startup.

The S Series is an energy efficient centrifugal pump with optimized head per stage and a low velocity of flow. The design characteristics of the S Series allow for a gas-liquid mixture to be safely pumped without cavitation. This is achieved by the S Series by having a unique design that allows for either open or closed impellers in a uniquely designed casing.

The Pump can operate at temperatures between -40°F and +230°F up to 232 PSI with a viscosity up to 115 mm²/s. The pump is manufactured in Cast Iron for strength and durability.

Contact a Shanley Pump and Equipment, Inc. representative today for more information about the EDUR S Series of Selfpriming Centrifugal Pumps at 847-439-9200.



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Usage

The EDUR S Series Selfpriming Centrifugal Pump is an ideal solution for clean or slightly polluted liquids. Water Supply, Booster Systems, Irrigation and Dewatering are all jobs that the S Series can perform optimally.

The Modularity of the EDUR S Series Self-priming Centrifugal Pump allows for a multitude of possible setups and layouts for optimal pumping performance. This allows for letting the pump be able to give flat or steep characteristic curves and wide performance curves.

Main Applications

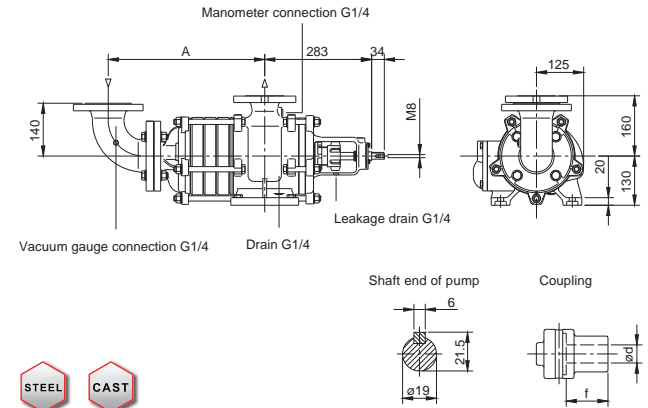
- Water Supply & Treatment
- Process Technology
- Irrigation Applications
- Plant Engineering
- Clear Liquids
- Slightly Polluted Liquids
- Liquid-Gas Pumping Applications
- Wastewater Plant Applications
- Brackish Water Pumping Applications

GPM 10 - 1,320 GPM

PSI 0 - 232 PSI

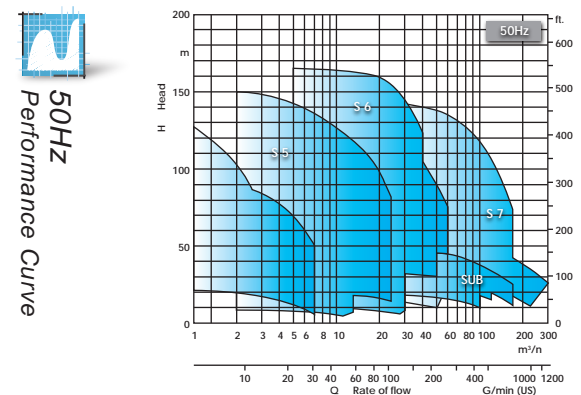
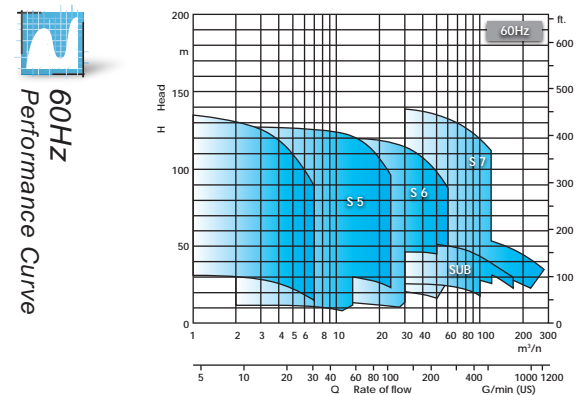
TEMP -40°F - +230°F

HEAD 459 ft.



Dimensions Drawings

[Click here for complete dimensional drawings](#)



[Click here for complete Flow Curves](#)