

A modular system for twin screw pumps

Leistritz Pumpen GmbH with headquarters in Nuremberg, Germany has been producing screw pumps since 1924. The first Leistritz Screw Pump was developed by Paul Leistritz as main lube oil pump for bearings of steam turbine generator sets.

With the worldwide largest product range of twin, triple and five screw pumps, Leistritz offers today complete pump packages, into all kinds of industries. Latest technology in combination with strictly controlled quality is the basis for the globally recognized efficiency and reliability of Leistritz Screw Pumps.

During the past years, more and more twin screw rotary positive displacement pumps have been installed in production and processing plants or upstream in the oil and gas industry. Depending on the particular duty, low, medium and high pressure pumps have been installed. Also, the flow rates vary for the particular cases. Typical applications are tankfarms where transfer pumps, circulation pumps, loading and unloading pumps or stripping pumps are installed for handling crude oils, petrochemicals and chemical products. Other parts of the oil and gas industry are served by booster pumps, produced water or pipeline start-up pumps for onshore and offshore production sites.

The variety of pump models always required a considerable minimum spare parts inventory. Leistritz Pumpen GmbH now addresses this situation with the re-designed the L4 Series Twin Screw Pumps. Instead of a more or less individual design, all pumps are designed and manufactured in accordance with a Modular System. While pump casings, liners and screws are still adapted to the particular operating conditions, are bearing covers, bearings, timing gears and the seal components interchangeable among pumps of different sizes.

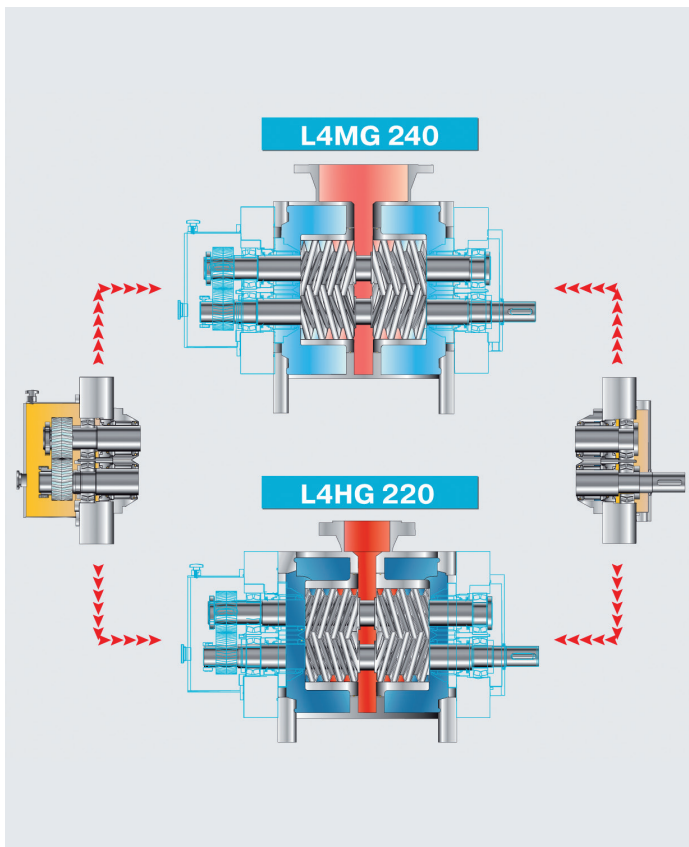


Fig. 1: Modular System for Leistritz L4 Series Twin Screw Pumps

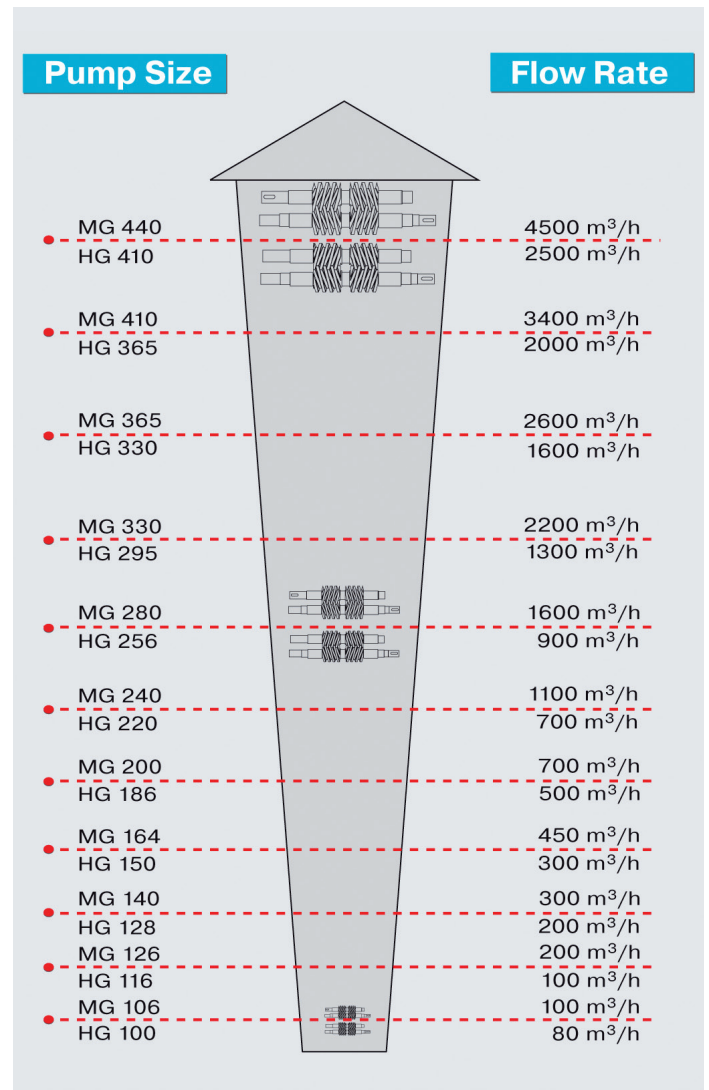


Fig. 2: Flow Rate depending on pump size

The operators benefit from a more economical stock keeping with a reduced number of individual parts as well as from alleviated maintenance of the improved pump design. The modular system covers both industrial and multiphase Pumps of the Leistritz L4 Series Twin Screw Pumps.

LEISTRITZ PUMPEN GMBH

Markgrafenstr. 29–39

D-90459 Nuremberg

Phone +49 (911) 4306-0

Fax +49 (911) 4306-490

pumpen@leistritz.com

www.leistritz.com

HERMETIC-Pumpen GmbH: New range sets standards

HERMETIC-Pumpen GmbH has set another new standard in pump technology with their newly developed single-stage standardised chemical canned motor pump in the HCN/HCNF range. Plant operators benefit from the highest level of innovative and low-maintenance technology.