

A modular system for twin screw pumps

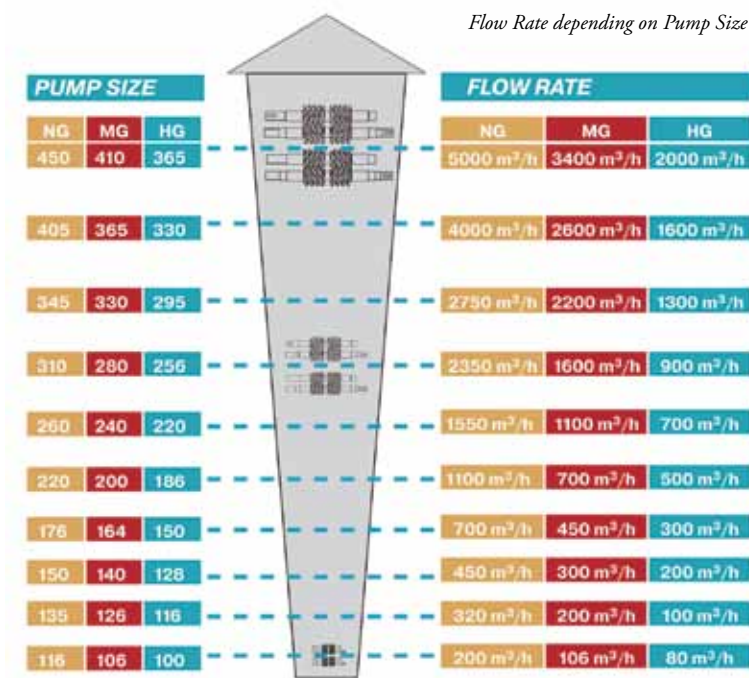
With screw pumps being used for a growing number of applications, Leistriz Pumpen introduces a modular system

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

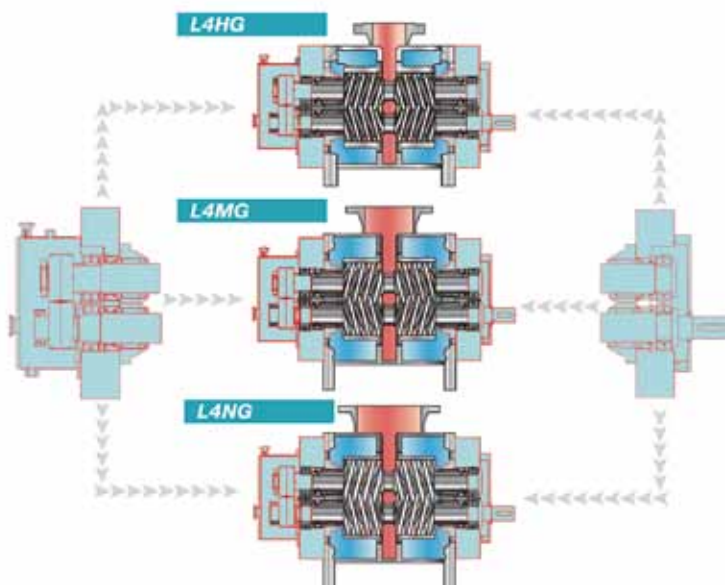
With the world's largest product range of twin, triple and five screw pumps, Leistriz today offers complete pump packages for all kinds of industries. The latest technology, in combination with strict quality control, is the basis for the globally recognized efficiency and reliability of Leistriz screw pumps.

In recent 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, flow rates vary for 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.

Flow Rate depending on Pump Size



Modular System for Leistriz L4 Series Twin Screw Pumps



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. Leistriz Pumpen now addresses this situation with the redesigned 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, bearing covers, bearings, timing gears and the seal components are interchangeable among pumps of different sizes.

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 Leistriz L4 series twin screw pumps. ■

For further information, please visit www.leistriz.com or contact pumps@leistriz.com