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Creating Fluid Solutions

LEWA
pumps + systems

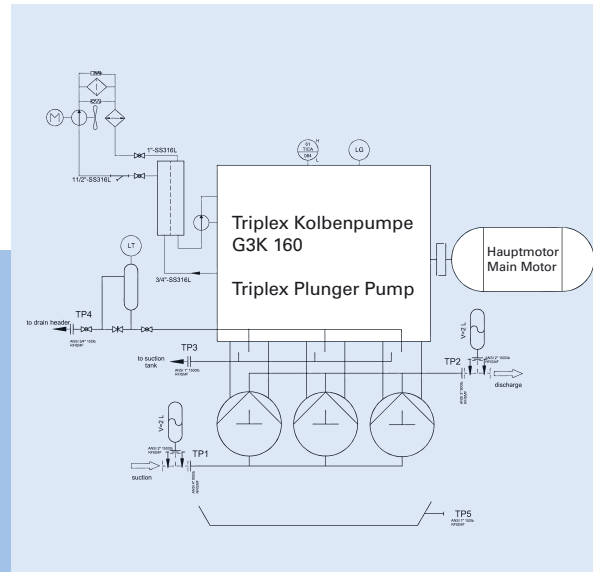
LEWA Plunger Pumps

For API 674 High Pressure Applications



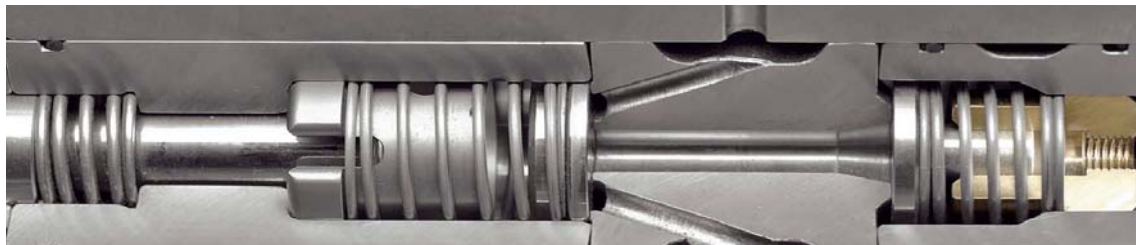
- high efficiency
- innovative sealing technology
- reliable power
- compact design

For Typical Oil & Gas Applications: LEWA Plunger Pumps



LEWA also offers the right solution for high hydraulic performance in applications with intermittent injection of methanol or glycol and well service applications, e.g. hydrotesting.

LEWA manufactures API 674 pump packages in observance of all international, national, and local standards. These systems are built in close cooperation with the customer and in accordance with customer specifications. In their design, a special focus is placed on the operability and service activities.



LEWA plunger pumps are high-performance feed pumps that operate with volumetric precision. That is why they are used in select processes in the oil and gas industry.

One advantage of LEWA plunger pumps, besides their high hydraulic power, is that they can be designed to customer specification:

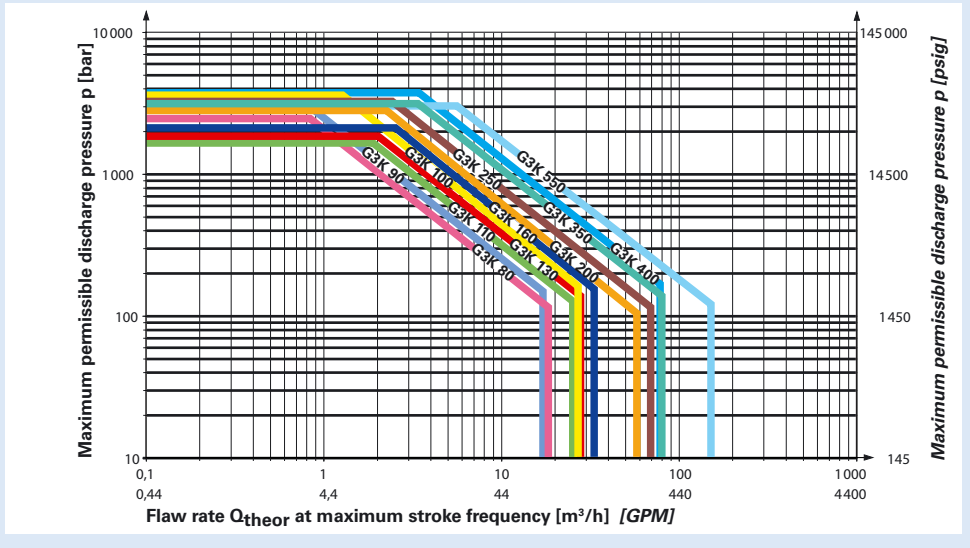
- Flexibility in the selection of material
- Offshore design and coatings per specification
- Layout and delivery of auxiliary parts, such as pulsation dampers and safety valves per ASME and API standards.

With their high level of vertical integration, LEWA plunger pumps are able to fulfill the demands of complex special solutions. The LEWA modular system for plunger pumps lets customers implement pumps for individual applications, including applications with barrier liquids, leakage monitoring systems, cooling circuits, and heating devices.

For corrosive, abrasive, and toxic fluids, LEWA recommends its proven hermetically sealed process diaphragm pumps.

Pump type	Q max. m³/h	p max. bar	Gallons per min	psig
G3K 80	17	2950	75	42775
G3K 90	17	3100	75	44950
G3K 100	27	3500	119	50750
G3K 110	27	1630	120	23635
G3K 130	30	1750	131	25375
G3K 160	33	2000	146	29000
G3K 200	57	2800	253	40600
G3K 250	69	3200	303	46400
G3K 350	79	3150	346	45675
G3K 400	79	3500	346	50750
G3K 550	142	3000	624	43500

higher performance upon request



Performance summary:

Pressure	up to 3 500 bar (50,750 psig)
Volumetric flow	up to 140 m³/h (620 GPM)
Temperature	up to 200 °C (392 °F)
Viscosity	up to 2 000 mPa s



Modular construction ensures optimal products

LEWA offers the right pump for any set of requirements. Driving power starts at 15 kW and ranges up to 600 kW, and an operating pressure between 0 and 3 500 bar may be selected. In any area, LEWA pumps meet the demands of your application. Of course, the pumps, which are designed for uninterrupted duty, fulfill all prevalent international standards such as API 674 and ATEX. Integrated reduction gears allow flexible use at different drive speeds and minimum foot print.

Compact design guarantees minimal space requirement: LEWA plunger pumps