



FAS - LPG Pump & Compressor Technology
Efficiency - Experience - Reliability



▶ SLIDING VANE PUMPS FOR LPG

The positive displacement sliding vane pumps with single-acting mechanical seal are suitable for the use in LPG filling stations, road tankers and stationary systems. The self-adjusting sliding vanes improve the pumping efficiency and lifetime of pump. The pumps are available for right-hand and left-hand rotation, with NPT-threaded flanges, flanges with weld ends or ANSI-flanges. The pump units with explosion-proof motor as well as with coupling and coupling guard are mounted on a galvanized base frame, ready for connection to plant facilities.

▶ Key Benefits:

- ▶ Robust construction
- ▶ High pumping efficiency
- ▶ Long lifetime
- ▶ Easy replacement of wear parts

▶ Technical Features:

- ▶ Capacities up to 950 l/min
- ▶ Max. differential pressure up to 10,5 bar
- ▶ Connection NPT threaded 2", 3" or 4" flanges and flanges with weld ends
- ▶ Connection ANSI-flange with weld ends 3" and 4"
- ▶ Internal relief valve pre-set at factory, not adjustable



Pump model TLGLF 4''B



Pump model Z4200



▶ Pump unit LGL2''E with gear motor



▶ Pump unit Z4500 with V-belt drive



▶ Pump unit Z3500 with hydraulic drive



▶ Pumping system with pump model Z2000 acc. to customer specification

▶ CENTRIFUGAL PUMPS FOR LPG ROAD TANKERS

The FAS NZ STW Series Pump was especially designed for the use in LPG road tankers. This FAS NZ pump series is characterized by the optimization of the constructive operating characteristics with clearly reduced energy consumption. The compact construction, the reduction of the noise level and of vibrations are further advantages.

▶ Technical Features:

- ▶ Capacities 24 m³/h and 48 m³/h
- ▶ Reduced weight (78 and 89 kg)



▶ HIGH PERFORMANCE CENTRIFUGAL PUMPS FOR LPG

The centrifugal pumps of series FAS NZ are specifically suitable for the use in innovative and highly complex large-scale projects such as LPG terminals, tank farms, district heating power stations, refineries etc. The pumps may also be installed in existing plants and systems for modernization purposes and optionally may be supplied with adapters for exchange of other pump models.

▶ Key Benefits:

- ▶ Compact construction
- ▶ Favorable differential pressure ranges
- ▶ Reduced weight
- ▶ High efficiency
- ▶ Low energy consumption
- ▶ Long service life
- ▶ Reduction of operating costs

▶ Technical Features:

- ▶ Capacities from 1 to 340 m³/h
- ▶ Max. differential pressure 12 bar
- ▶ Mechanical seal



▶ Container version of a pump and compressor system according to customer specification.



▶ **LPG COMPRESSORS FOR ALL KIND OF APPLICATIONS**

Oil-free non-lubricated piston compressor units for transferring propane/butane from ocean tankers, rail tankers or road tankers to storage tanks are equipped with all required components such like pressure gauges, mechanical liquid trap, strainer, 4-way- ball valve, V-belt, ex-proof motor and are mounted on a common steel base plate, ready for connection to plant facilities. They are completely welded, assembled, primed and painted.



▶ **Technical features:**

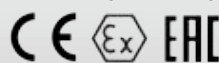
- ▶ Capacities up to 200 m³/h
- ▶ Low maintenance cost
- ▶ Reliability, precision, long lifetime
- ▶ Fast and easy installation

▶ Mobile compressor units



All compressor units can be delivered according to customer specifications (e.g. with Diesel engines, special connections or additional safety features).

- ▶ Certified according to DIN EN ISO 9001
SCC** (Service)



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