



**NEW**  
**LPG Pump Technology**  
with  
**HIGH EFFICIENCY &**  
**LOW ENERGY CONSUMPTION**

**Example:**  
30 m<sup>3</sup>/hr NZ-pump only needs 15 kW ex-proof motor  
instead of 30 kW for side channel pumps



The highlight and main advantages of the new pump model NZ 30-9-15 are the high efficiency and lower electrical power consumption. The operation cost for electrical power can be reduced by daily up to 50%.

The FAS NZ Series is characterized above all by the optimization of the constructive operating characteristics with clearly reduced energy consumption. Further advantages are among others the compact construction, the optimization of the hydraulic components as well as the reduction of the noise level and vibrations.

The pump may be installed in existing plants and systems for modernization purposes and optionally may be supplied with adapters for adjustment to other pump models and competitive products. The features of this pump unit are a long service life and a reduction of operating costs by energy efficiency and by a stable operating capacity with favorable differential pressure ranges.

**Other NZ series pump models with capacities from 1 - 340 m<sup>3</sup>/h available.**

Pump units for different application purposes according to customer specification are available on request.

Execution with CE-mark according to PED and according to ATEX-directive.

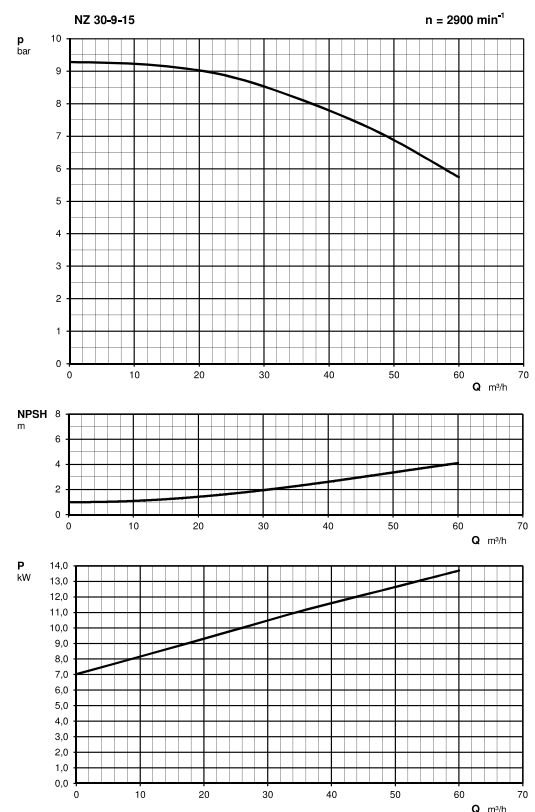
### Benefits:

- ▶ Compact construction
- ▶ Pump inlet flange DN 80 (3")
- ▶ Capacity 30 m<sup>3</sup>/h at 8,5 bar differential pressure
- ▶ Reduced weight
- ▶ High efficiency
- ▶ Low energy consumption

### Technical Features:

- ▶ Max. capacity 60 m<sup>3</sup>/h
- ▶ Max. differential pressure 9 bar
- ▶ Mechanical seal

### Pump Characteristic Curves:



### Connections:

- ▶ Suction flange DN 80, PN 40 (DIN EN 1092-2)
- ▶ Pressure flange DN 65, PN 40 (DIN EN 1092-2)

### Pump Materials:

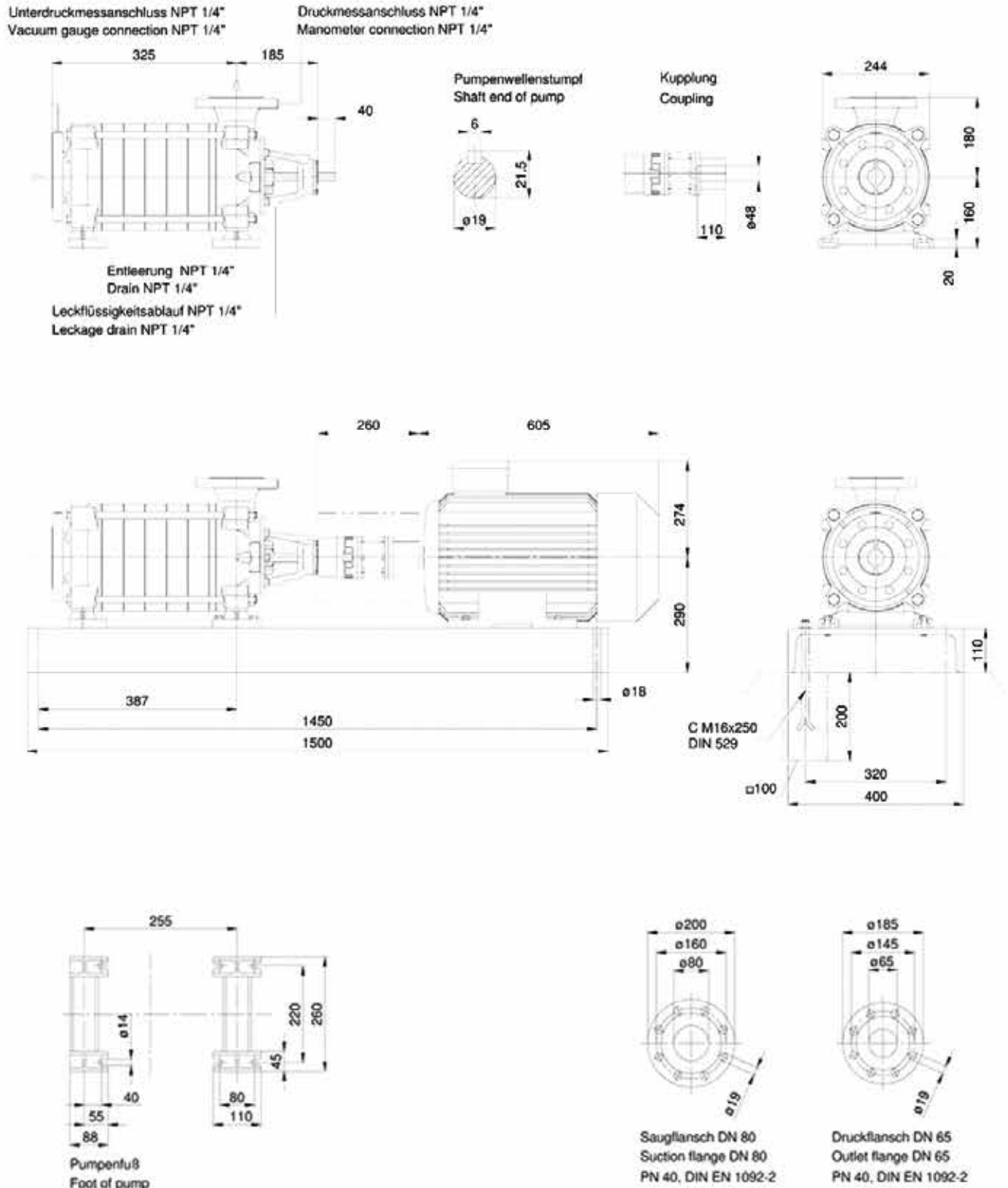
- ▶ Housing parts: EN-GJS400-18-LT
- ▶ Impeller: CuSn12-C
- ▶ Shaft: 1.4057
- ▶ O-Rings: FPM

### Optional Accessories for Pump Unit:

- ▶ Dry running sensor
- ▶ Liquid level sensor
- ▶ Max. pressure sensor
- ▶ By-pass valve
- ▶ Motor options acc. to customer specification

FAS supplies all components required for a complete LPG filling station, supports in planning, authorization and approval procedures, as well as in performing maintenances and inspections.

## ► Pump Dimension Table Series FAS NZ 30-9-15



Subject to technical alterations.

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