

## COMBINED NORMAL- AND HIGH- PRESSURE PUMP



## ADVANTAGES

- **High performance**
- **Intuitive operation**
- **Highly ergonomic**
- **Low noise emission**
- **Integrated foam proportioning system**
- **Optimized pump output characteristics**  
Change of volume at constant RPM results in minimized pressure changes
- **Contamination insensitive**
- **High efficiency**
- **Rating acc. EN1028**  
FPN 10-3000 / FPH 40-250  
FPN 10-4000 / FPH 40-250

## TECHNICAL DATA

- Type:** Combined normal– and high– pressure fire pump impellers arranged counter rotating
- NP-Pump:** 1-stage: 5.500 L/min – 10bar
- HP-Pump:** 4-stage: 400 L/min – 10bar
- Shaft sealing:** Maintenance-free mechanical sealing
- Materials:** Corrosion resistant light alloy– anodized  
Pump shaft: stainless steel
- Pump drive:** Direct via PTO, optional gear box
- Rotation:** Counter clockwise, clockwise
- Priming pump:** Double acting piston pump  
3m suction height in 5 sec \*)  
Pump drive via belt from the pump shaft - disengageable

NP: Normal pressure  
HP: High pressure  
\*) Volume of evacuation: 100 liter  
Atmospheric pressure: 0,975 bar

## NH55



**Low operation height:**

Screw down valves are on the suction level inlet

**Clear vertical structure:**

Gauges, control and mechanical operation instruments



**Inclined display and control areas:**

Safe and easy to read



**Self explaining operation:**

Top– down order of main functions

**Night design:**

Background illuminated control panel

**Available integrated foam admixing systems:**

Around the pump proportioner: FIXMIX and/or HD-FIXMIX  
Direct injection foam proportioner: DIGIDOS



**Intuitive operation:**

Pull & Push

**Ergonomic handles:**

Fit for use with fire fighting gloves



**Low noise emission resulting of:**

No gear box  
Rated output at low pump speed  
Pump mounting on special rubber elements



**Option gear box:**

To adapt to different engine speeds

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