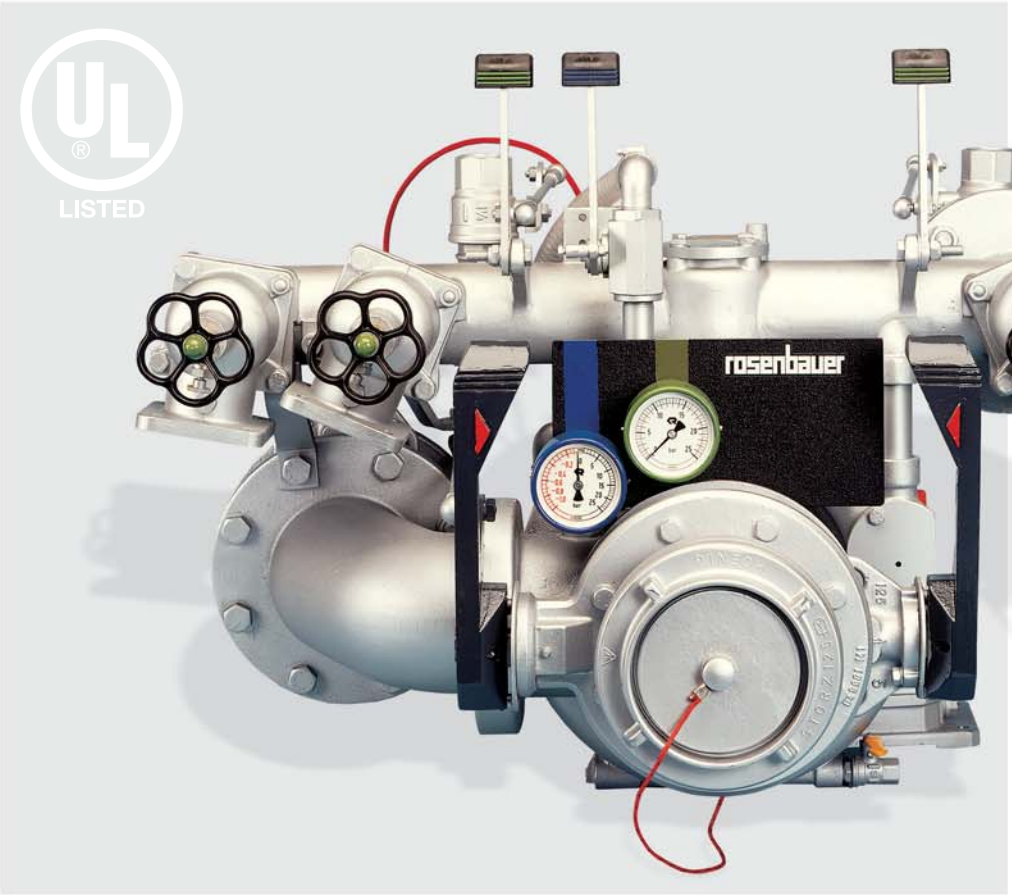
N30 NORMAL-PRESSURE FIRE PUMP



rosenbauer

- Reliable and robust
- Low-maintenance
- Optimized pump output characteristic
- Wear resistant design

Certified acc. EN 1028:
FPN 10-1500
FPN 10-2000
FPN 10-3000
FPN 15-2000

109869 M&K 05/05

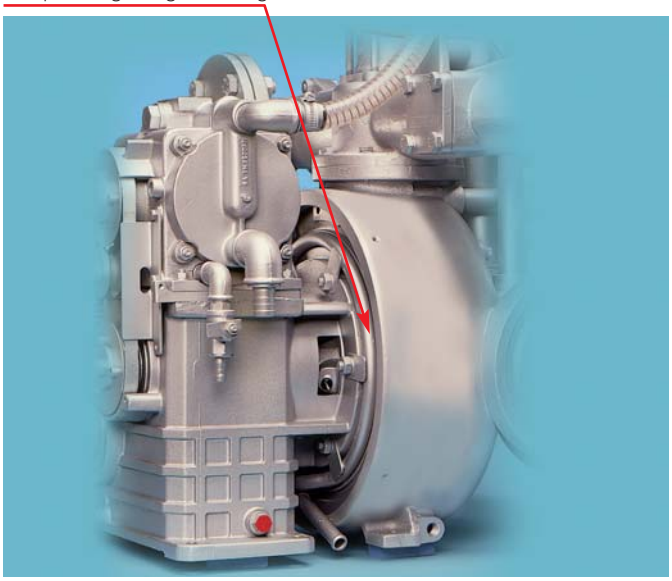
Technical Data

Design:
Single-stage centrifugal pump
Pump performance:
Up to 3000 l/min /10 bar*)
Up to 2000 l/min /15 bar*)
Materials:
Pump housing and impeller:
Corrosion - resistant light alloy - anodized
Pump shaft: Stainless steel
Direction of rotation:
Clockwise and counterclockwise available

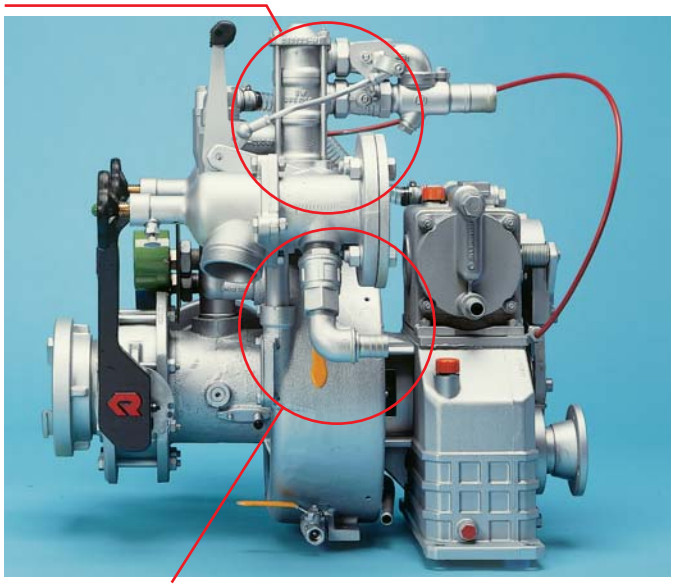
Bearings:
Pressure-side: Four point ball bearing
Suction-side: Needle-roller bearing
Shaft sealing:
Maintenance-free mechanical seal
Pump drive:
Helical spur gearing –
ratio available between 0,906 to 2,588
Lubrication:
Main bearing, gear-box and primer are oil-bath lubricated

Primer:
Double acting piston pump
Primer performance:
3m suction height in 3 sec.**)
Primer drive:
Via belt drive from the pump shaft - disengageable
Pump output characteristic:
Change of volume at constant RPM results in minimized pressure changes at the nozzle

Option:
Pump heating / engine cooling



Option: NP-foam proportioning system "FIX-MIX"



Option: Connection for tank filling line

Optionen

- **Gunmetal**
- **Pressure governor with cavitation indicator**
- **Fully automatic normal pressure around the pump foam proportioning-system FIX MIX**:
  1, 2 or 3 different admixing rates over the whole output range - regardless of water discharge and pressure
- **Mechanical thermal protection**
- **Split-shaft gearbox:**
  Ratio 1:2
- **Automatic priming:**
  Fully automatic engaging and disengaging of the primer under operation condition
- **Control panel**
- **Different coupling systems:**
  Storz, BSS, etc. (to suit local standard)
- **Serval valves**
  Screw down/ball valves
- **Pressure manifold**

*) rating of pump depends of built-in situation and environmental conditions
**) Volume of evacuation: 100 Ltr
Atmospheric pressure: 0,975 bar

NP: Normal pressure

ROSENBAUER INTERNATIONAL Aktiengesellschaft
A-4060 Leonding, Paschinger Str. 90, AUSTRIA

Phone: +43 (0)70 6794-0
Fax: +43 (0)70 6794-91
E-Mail: office@rosenbauer.com
http://www.rosenbauer.com

Text and illustrations are not binding. The illustrations may show optional extras only available at extra charge. ROSENBAUER retains the right to alter specifications and dimensions given herein without prior notice.

KR232_DB_DE_2005-02