

N10

Normal pressure pump



Description

The 1-stage normal pressure pump impresses with its flat pump characteristics due to spiral housing and good efficiency.

Due to the various options the pump can be configured according to the customer's wishes. Different materials (light alloy, gunmetal) are also available. The kind of drive can be chosen as well as the operation - from mechanical to fully automatic pump.

Benefits

High performance

- normal pressure output up to 1.700 lpm (450 USgpm) at 10 bar (150 psi)

Intuitive operation and highest operation comfort

- Rosenbauer LCS (Logic Control System) with self explaining operation (top-down order)
- designation of the functions with colours and ergonomic handles

Low noise emissions

- pump mounting on special rubber elements

High efficiency

Marginal water hammer during opening and closing of outlets

- due to flat pump characteristic

Contamination insensitive

Different drive possibilities (acc. the requirements)

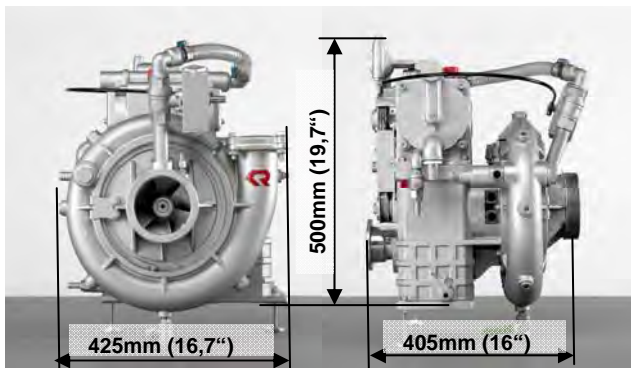
- drive via gear box (17 gear ratios) to adapt to different power take-offs (PTOs)
- drive via separate drive engine
- drive via Split Shaft gear box from the main vehicle drive shaft
- drive via hydraulics

Performance according EN 1028

- FPN 10- 750
- FPN 10-1000
- FPN 10-1500

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Easy to install due to minimal dimensions



Underfloor mounting - saves space for more compartment space



Space-saving installation also in rear mount version
Operation via LCS (Logic Control System)

Technical Data

Pump configuration	normal pressure pump
Normal pressure	1-stage centrifugal pump
Performance NP	up to 1.700 lpm (450 USgpm) at 10 bar (150 psi)
Material	corrosion resistant light alloy - anodized (Option: Gunmetal), pump shaft made out of stainless steel
Sealing	maintenance-free mechanical sealing
Priming pump	double acting piston pump - driven via a belt from the pump shaft (disengagable)
Performance priming pump	3 m (10 ft) suction height in 5 sec *

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*) Volume of evacuation: 100 liter (26,4 USgpm) ; Atmospheric pressure: 0,975 bar (14,14 psi)

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2010-05_RJu