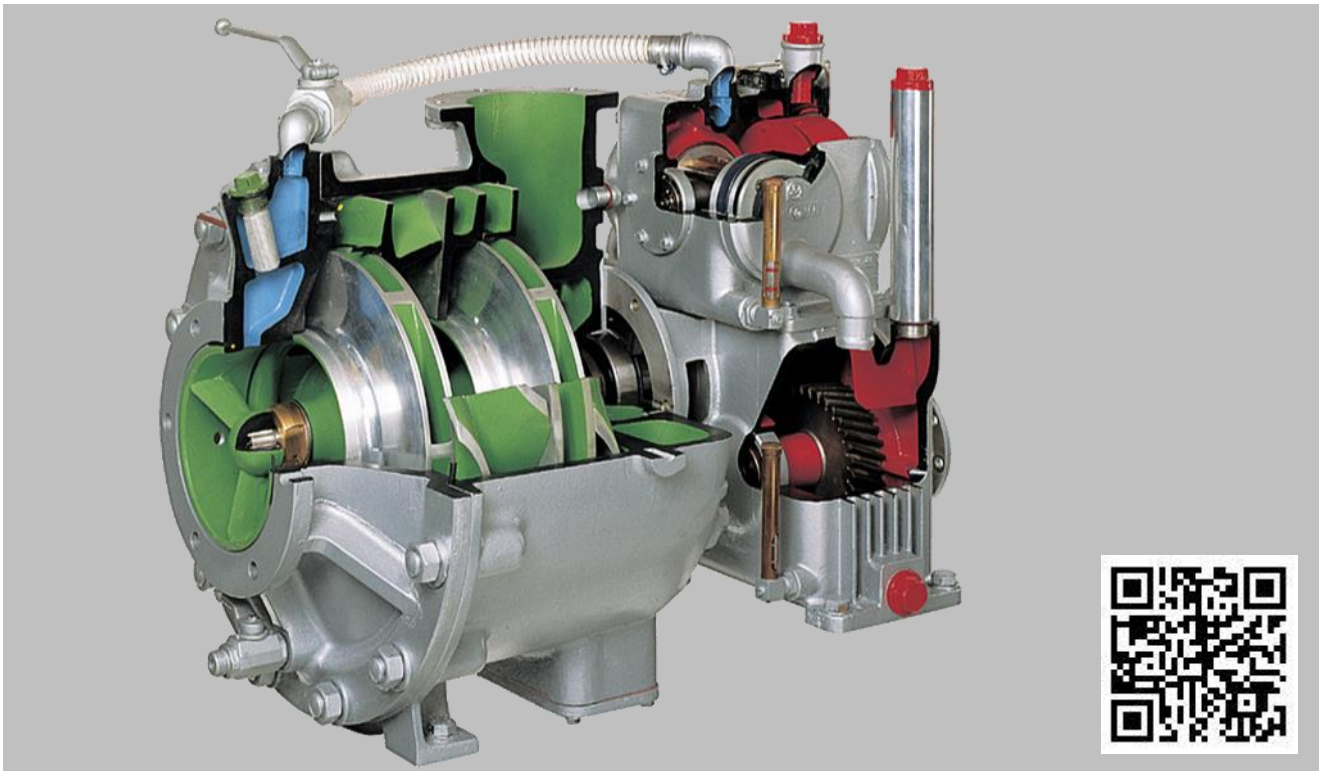


R600

Normal pressure pump



Description

The 2-stage normal pressure pump R600 is the universal pump for airport-, industry- and large-tank fire trucks as well as fire boots and stationary units.

Water hammer when opening and closing outlets can be avoided due to the flat pump characteristics.

The around-the-pump foam proportioning systems FOAMATIC A as well as FOAMATIC E can be integrated into the pump.

Benefits

High performance

- normal pressure output up to 6.000 lpm (1.585 USgpm) at 10 bar (150 psi) and 3 m (10 ft) suction height
- up to 6.500 lpm (1.720 USgpm) at 10 bar (150 psi) in tank suction operation

Marginal water hammer during opening and closing of outlets

- due to flat pump characteristic

High efficiency

High operational safety

- main bearings, pump gear-box and piston priming pump run in oil bath
- maintenance mechanical seals

Performance according EN 1028 and NFPA 1901

- EN 1028 FPN 10-6000
- UL classified according NFPA 1901 150-1500

Contamination insensitive

Different drive possibilities (acc. the requirements)

- direct drive via PTO with a pedestal
- 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

Options

- automatic around-the-pump foam proportioning system FOAMATIC A with up to 3 proportioning rates
- automatic around-the-pump foam proportioning system FOAMATIC E with stepless proportioning rates and possibility to show the used amount of foam concentrate
- pump pressure governor
- automatic priming

R600

Normal pressure pump



ARFF truck Panther with R600



Industry fire fighting truck with direct injection foam system HYDROMATIC and R600



R600 with around-the-pump foam proportioning system FOAMATIC A



Pump module with direct-foam injection system MIXMATIC and R600

Technical Data

Design	normal pressure pump
Normal pressure stage	2-stage centrifugal pump
Performance NP	up to 6.000 lpm (1.585 USgpm) at 10 bar (150 psi) with 3 m (10 ft) suction height up to 6.500 lpm (1.720 USgpm) at 10 bar (150 psi) in tank suction operation
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 *

NP: Normal pressure

*) Evacuation volume: 100 liters (26,4 USgpm) ; Atmospheric pressure: 0,975 bar (14,14 psi)

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