

FPF 80. I

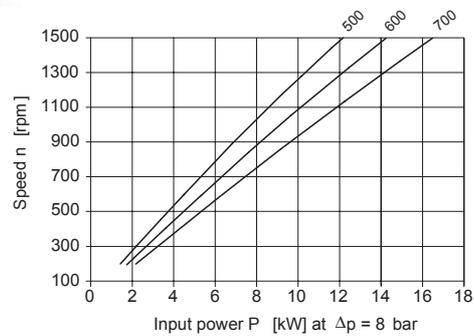
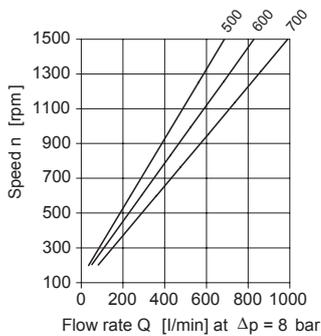
Vane pump



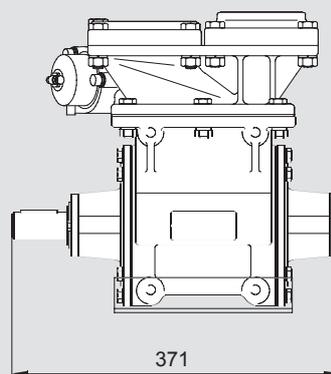
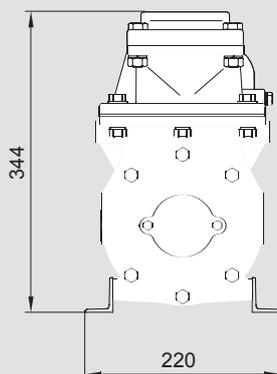
Self-priming vane pump - up to 1000 l/min with $\Delta p = 8$ bar



- Compact design
- High efficiency
- Pulsation-free delivery
- Quiet running
- Fantastic service life and easy maintenance
- Blow-down for product change
- Self priming
- Fits in any chassis
- Low weight



Ideal for hydraulic drive combined with an optimal efficiency of 80 % plus



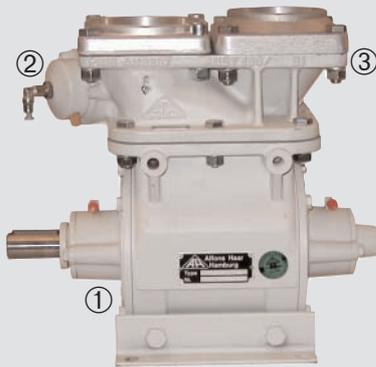
Small dimensions

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Vane pump



Alfons Haar



Manifold designed with integrated pressure relief valve

Features:

- continuous pressure by pass control
- continuous variable flow rate control

- ① Vane pump
- ② Relief valve (mechanically or pneumatically operated)
- ③ Pipe connector

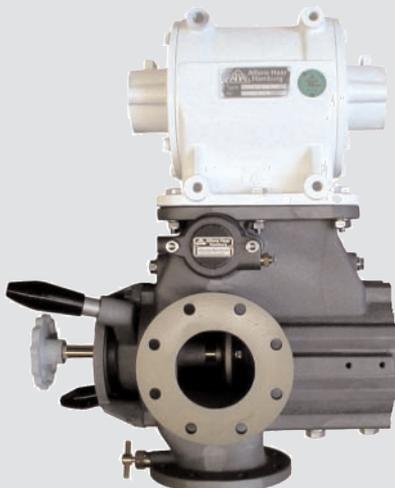
Vane pump variations for different driving concepts and requests



FPFS ...
with integrated hydraulic axial piston motor



FPFN ...
with one or two hydraulic gear motors
two motors for different delivery rates such as
- dry hose (high flow rate / low pressure)
- wet hose (low flow rate / high pressure) delivery



5-way or 7-way valves
for the **FPFS ...**
and **FPFN ...**



Pump strainer