

dpv 125

best hydraulic efficiency: 80%

The DPV 125 is our most advanced vertical multi-stage centrifugal pump for transporting large volumes of drinking and process water. It seamlessly meets the increasing demand for a solid, compact as well as efficient pump when working with larger capacities. For example, for water transport, drinking water and fire-fighting systems, boiler supply, district heating or cleaning/washing installations. The DPV 125 is not only the most energy-efficient pump in its segment, it also allows for flexible installation because of its compact construction. Its material quality and building techniques add to the sustainability of the pump.

New energy-efficient solutions

- High hydraulic output: 80%
- The hydraulic system is made of robust stainless-steel castings combined with stainless-steel sheets.
- Airtight sealing preventing any loss of pressure between the inlet and outlet part of the pump.

Compact & solid

- Quiet, low-vibration pump with a long, trouble-free service life
- Because of its limited construction height, this pump does not only need less vertical build-in space, it is also substantially more stable than longer/higher models.
- Solid construction with a heavy foundation plate, cast stainless-steel pump foot and robust motor base.
- The smartly developed inflow channel in the pump foot ensures optimum hydraulic stability.
- Minimum internal resistance in the hydraulic part.

Suitable for drinking water

- Made from stainless steel AISI 304 or 316, with WRAS, ACS and NSF certification.

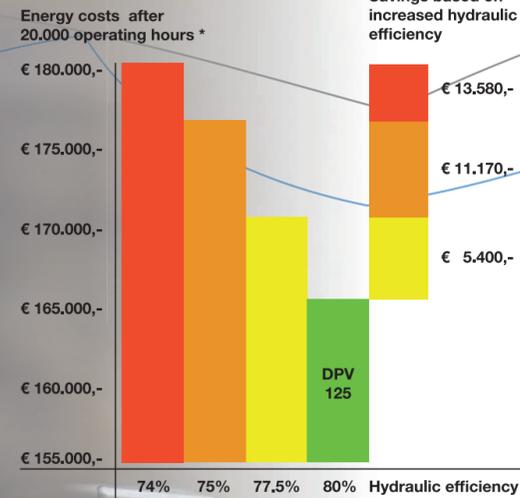


Easy to maintain

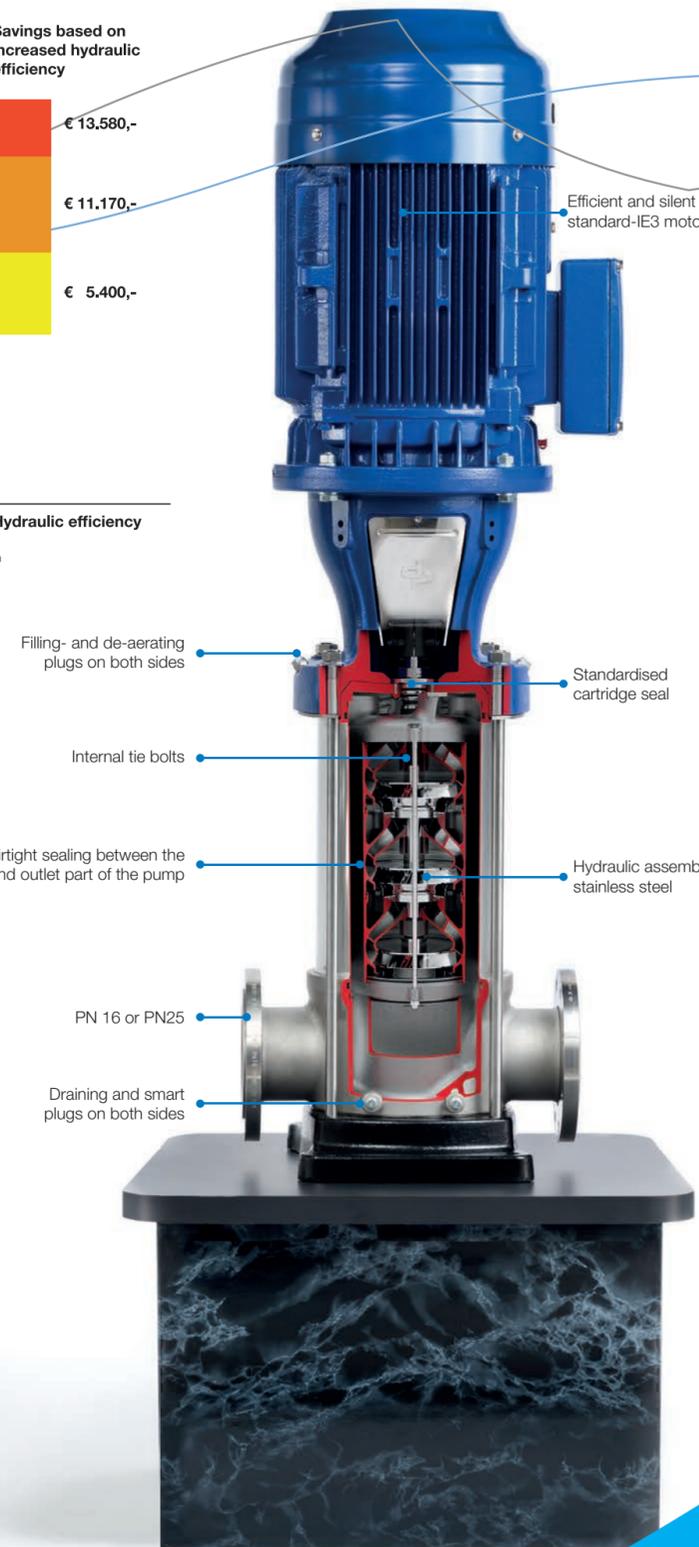
- High-quality medium-lubricated plain bearings made from tungsten carbide/ceramics.
- Quickly changeable standardised cartridge seal with long service life.
- Extra discharge and vent plugs for better accessibility.



Top 4 pumps in segment



2,5 mln m³/h at 880 kPa | motor efficiency 91.2% (IE3) | € 0,20/kWh

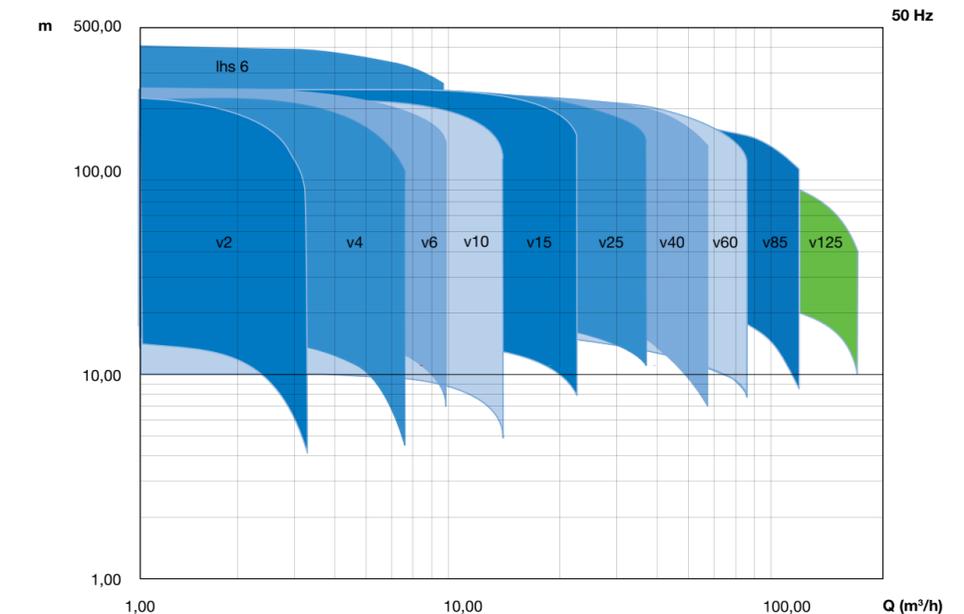


Technical details

- Capacity range: to 160 m³/h with 50 Hz
- Nominal capacity with optimum efficiency: 125 m³/h
- Pressure class: PN16 (to 80 °C) and PN25 (to 120 °C)
- Flow at Qopt : 120 m³/h
- NPSH-value at optimum efficiency 5 mwk
- Temperature range: -20 to +120 °C
- Suitable for slightly polluted, limited aggressive water
- Hydraulics stainless steel AISI 304 or 316 in PN16 or PN25 varieties
- Connection with round flanges: PN 16 or PN25
- Efficient and quiet standard IE3 motor
- Suitable for control through default available frequency converters.
- Pump foot is provided with standard connections for pressure sensors for both inlet and outlet pressure.

Extensive options possible

- Deviating voltages
- IE4 motor
- Motor with frequency control
- Space heating
- IP56
- Rain shelter
- Marine variant
- Explosion-safe motors (II 2/3G T3/4)
- Certification by Lloyds, Veritas office, RINA, ABS, CCS, GL, RMRS or ATEX quality mark



More than 3 million options available

With our extensive range of vertical, stainless steel centrifugal DPV pumps we can provide customised solutions that perfectly suit your application. In order to meet requirements with respect to hydraulic operating area range, motor selection, speed control, available shaft seals and connections. If you have any queries about these and other performance aspects, you can always ask DP-Pumps or your DP-Pumps dealer for expert advice. You can also select your specific pump with our DP-Select configuration tool.

"During the development of the DPV 125 we managed to convert all our experience into smart innovations. Therefore this pump has a hydraulic efficiency score of as much as 80%. It is the leader in this segment!!"

Peter Freeke
R&D Teamleader Pumps



Advice

You will always have contact with an involved expert. This expert has the required experience and knowledge to select, calculate and configure the right pump for your application. If necessary, the expert can call in our engineers of the R&D department.



A replacement pump in no time

A clever production process enables us to assemble all pump varieties immediately after we have received your order. We can assemble as many as 3 million different logical varieties of the stainless-steel multi-stage centrifugal pumps of the DPV-series. This enables us to virtually always ship a replacement pump really quickly.



Fast and flexible

Our DPV multi-stage centrifugal pumps and pressure booster systems are fully 'made in Holland'. We investigate, invent, develop and produce all products ourselves. Our domestic sales and service departments have been accommodated in the same building as well. This enables them to switch quickly and flexibly to meet your requirements or to immediately solve problems in the field.

the **dynamics** of water



dp pumps

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hydraulic efficiency 80%
drinking and process water
pump for large volumes