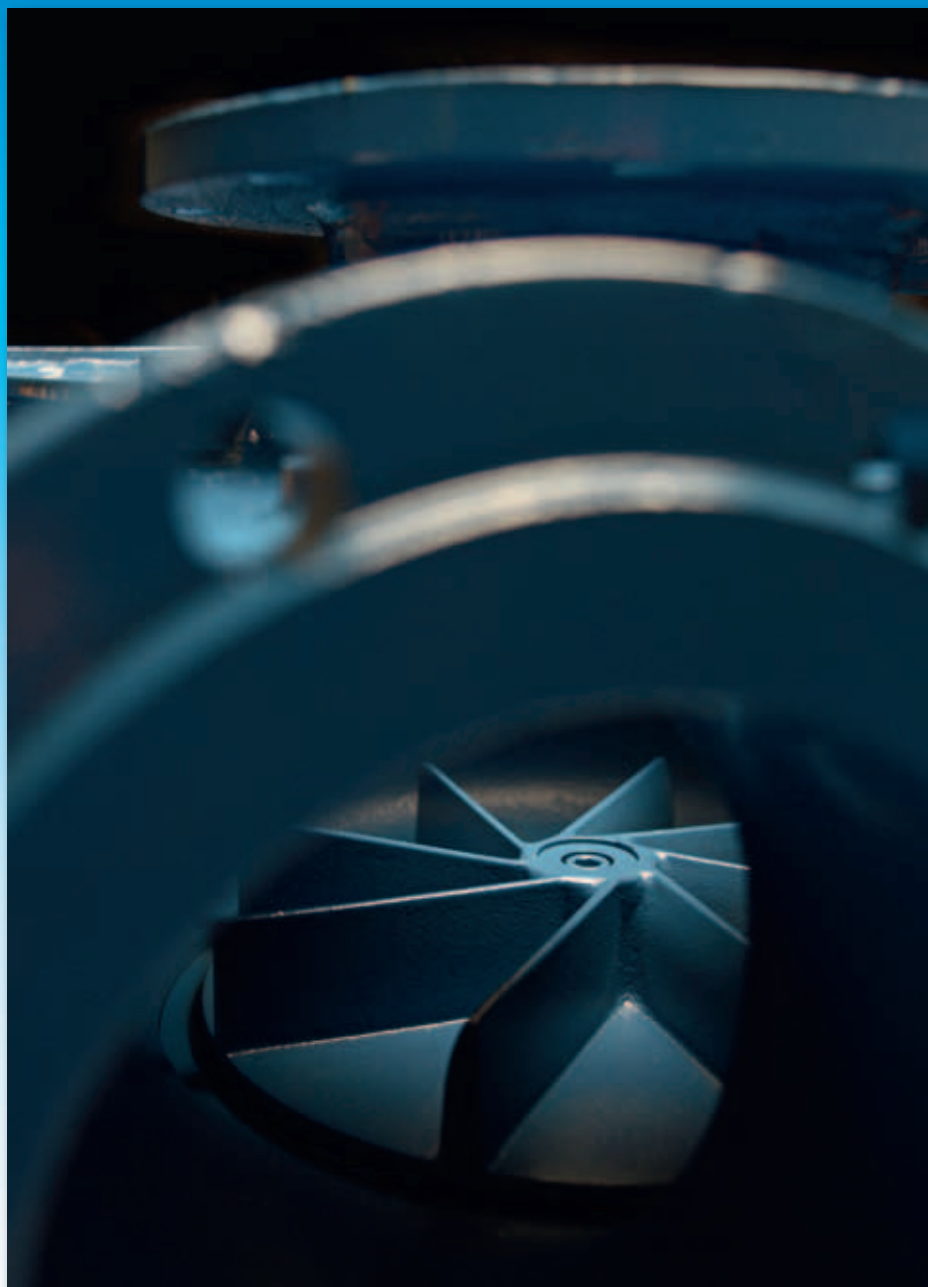


LANDY Pump Solutions



Landustrie 
POMP  IRECT

LANDY VORTEX PUMPS

- ✦ LANDY Vortex impeller pumps are designed to pump a wide variety of liquids that are contaminated with solids. Their great advantage is the outstanding non-clogging performance.
- ✦ In standard Cast Iron construction, Vortex pumps are used for sewage and other wastewater applications to pump large solids, highly concentrated solids, large fibres and heavy and gassy sludges. For industrial applications, hydraulic component parts are available in special materials to resist both abrasive and corrosive elements.
- ✦ The Vortex impeller's non-clogging performance is based upon a simple law of physics, creating a Vortex in a fluid results in a vacuum directly underneath and around the pump. As the impeller does not come into contact with the solids in the pumped medium the pump cannot clog. A simple but very effective principle, resulting in a cleaner sump because the rotating movement of the fluid keeps the solids suspended.

LOW WEAR – LOW VIBRATION

Natural low wear is experienced in Vortex pumps, as most solids pass in front of the impeller without touching it. This also leads to low vibration levels.

CONSTANT PERFORMANCE – LOW MAINTENANCE

The absence of narrow clearances eliminates blockage problems. No need for adjustments or replacement of wear rings are necessary to maintain performance. Thus guaranteeing long-term, constant high performance with minimal maintenance, which means the total cost of ownership is therefore extremely low.



PROBLEM SOLVER

Landustrie will recommend Vortex pumps in situations where other pumps fail and are clogging. Vortex pumps are real problem solvers!

ADVANTAGES

- ✦ Best non-clogging performance
- ✦ Most reliable principle
- ✦ Low impeller wear
- ✦ Minimal vibrations
- ✦ Constant performance
- ✦ Cleaner sumps due to the created Vortex


SUBMERSIBLE LANDY VORTEX PUMPS

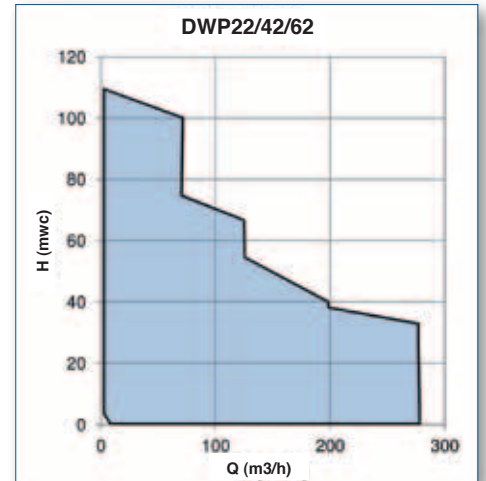


Cast Iron DWP22/42/62

The unmatched solids handling performance of this range makes these pumps your first choice for most applications. Vortex pumps handle larger and heavier solids, and fibrous materials, heavy and gassy sludges are pumped with ease.

Options:


BWK / OWK/ VRS / Cooling jacket/ ATEX / IEC-Ex 

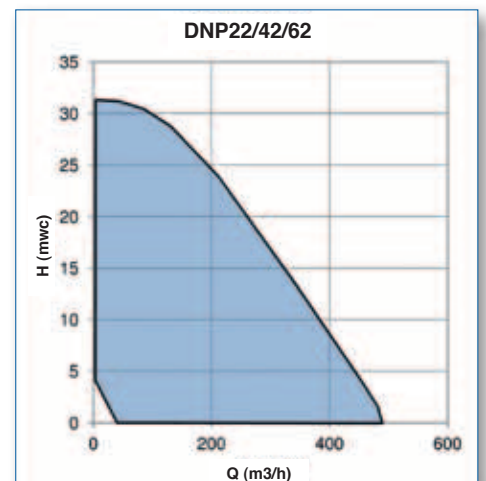


Nihard-4 DNP22/42/62

Vortex impeller pumps in wear resistant Nihard 4 for reliable transport of highly abrasive solids. For dredging, mining, construction works and other highly demanding applications.

Options:

BWK / OWK/ VRS / Cooling jacket/ ATEX / IEC-Ex 

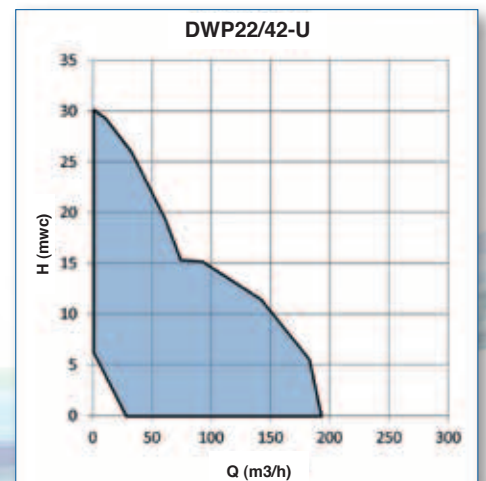


Duplex DWP22/42 - U

Vortex impeller pumps in Duplex for reliable transport of abrasive and aggressive solids. For wastewater in the food sector, chemical and other very demanding applications with either chemical, abrasive or a combination both.

Options:

BWK / OWK/ VRS / Cooling jacket/ ATEX / IEC-Ex 



DRY INSTALLED LANDY VORTEX PUMPS

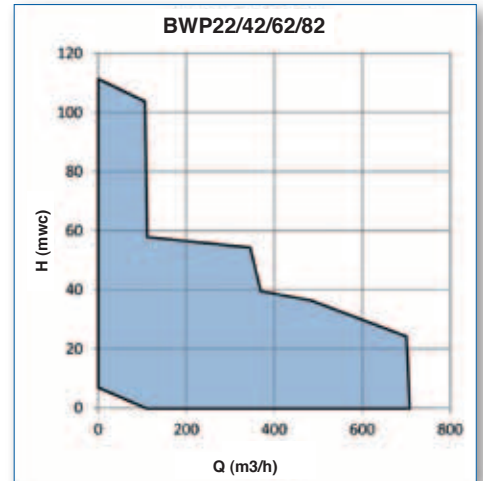


**Cast Iron
BWP22/42/62/82**

The unmatched solids handling performance of this range makes these pumps your first choice for most applications. Vortex pumps can handle larger and heavier solids, and fibrous materials, heavy and gassy sludges are pumped with ease

Options:

HX / HS / HM / HF / KM / VX / VS / VM / ATEX / IEC-Ex 

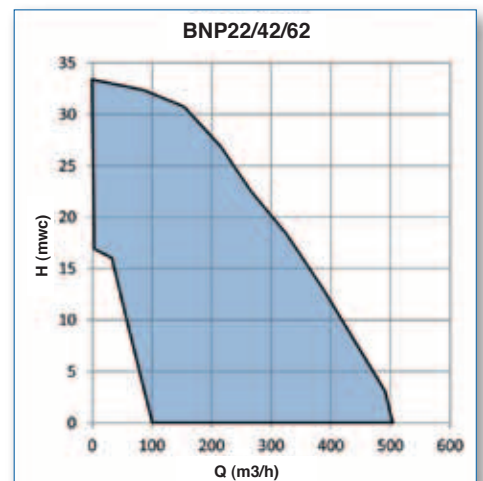


**Nihard-4
BNP22/42/62**

Vortex impeller pumps in wear resistant Nihard 4 for reliable transport of highly abrasive solids. For dredging, mining, construction works and other demanding applications.

Options:

HX / HS / HM / HF / KM / VX / VS / VM / ATEX / IEC-Ex 



**Duplex
BWP22/42/62 - U**

Vortex impeller pumps in Duplex for reliable transport of abrasive and aggressive solids. For wastewater in the food sector, chemical purposes and other demanding applications either chemical, abrasive or a combination of both..

Options:

HX / HS / HM / HF / KM / VX / VS / VM / ATEX / IEC-Ex 

