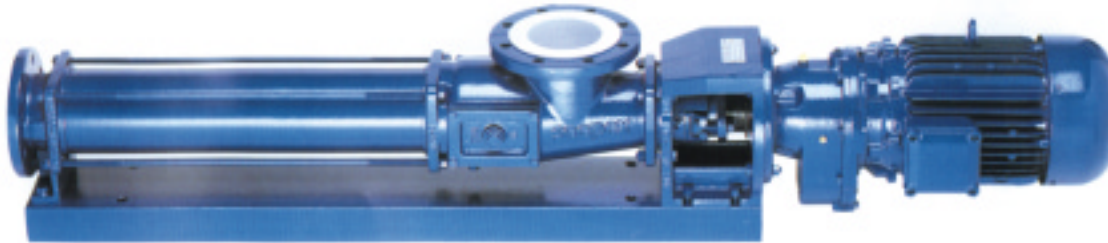


Design Group N

seepex pumps of group **N** are used in almost all industries. They are designed to handle liquids of all viscosities and even products with high solids contents.

The development of this group was based on our decades of experience. Numerous advantages allow for the particularly economical use of **seepex** progressive cavity pumps.



Constructional Features



6L in Operation video



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Dry running protection TSE, Thermoelectronic.
Prevents the stator from being damaged by dry running.

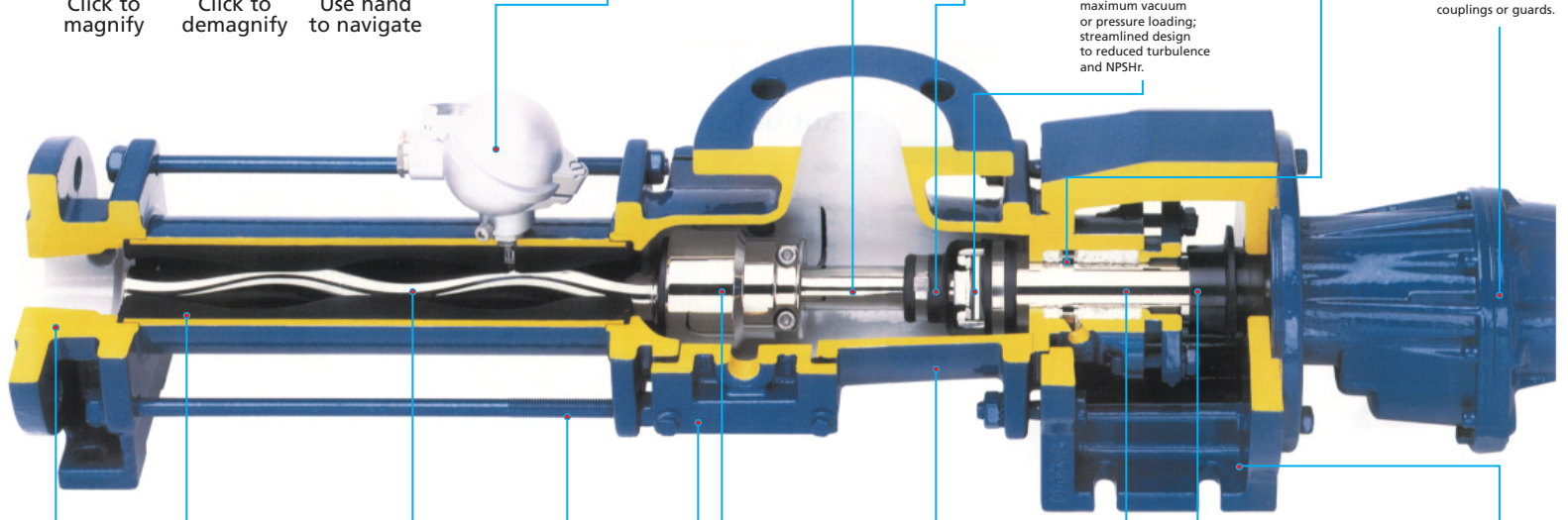
Coupling rod
for power transmission; improved design. Option available upon request.

Joint connection
consisting of just 5 components. Power transmission through wear resistant, hardened and replaceable joint parts; easily repaired.

Universal joint sleeve with holding bands
protects the grease-filled joints from penetration of the liquid pumped, even under maximum vacuum or pressure loading; streamlined design to reduced turbulence and noise NPSHr.

Shaft sealing gland
packing with or without flushing/seal cage ring or single or double mechanical seals.

Drive
geared motors, variable speed drives or hydraulic motors of all major manufacturers, directly flanged to the pump without additional couplings or guards.



Pressure branch
with connection for pressure/vacuum gauge. Flange connections in DIN or ANSI.

Stator
with 6L geometry. The seal on both ends is molded as an integral part of the elastomeric stator; corrosion of the stator tube is never a problem because the pumped liquid never comes into contact with the metal tube or the bonding adhesive. Available with optional adjustable stator retensioning device.

Rotor
with 6L geometry, wear resistant and corrosion-proof materials, with additional surface treatment.

Tie bolts/Screws
corrosion proof, available in stainless steel design as an option.

Universal joint sleeve protection made of stainless steel
protects the universal joint sleeve against mechanical damage from large solids, optional.

Inspection ports
on both sides, optional.

Suction casing
with large cross section and smooth flow conditions, with drain plug and connections for pressure/vacuum gauge. Flange connections in DIN or ANSI can be rotated in 90° increments.

Plug-in shaft
connects the drive shaft to the joint; with gland packing the plug-in shaft is used as a shaft protection sleeve; upon request, it is available with wear resistant coating.

Plug-in shaft-connection
for quick disassembly or repair of pump and drive, for quick replacement of the rotating parts and shaft seals; with plug-in shaft pin and splash ring seal to secure the plug-in shaft connection and additionally protect the bearing from contamination/gland leakage.

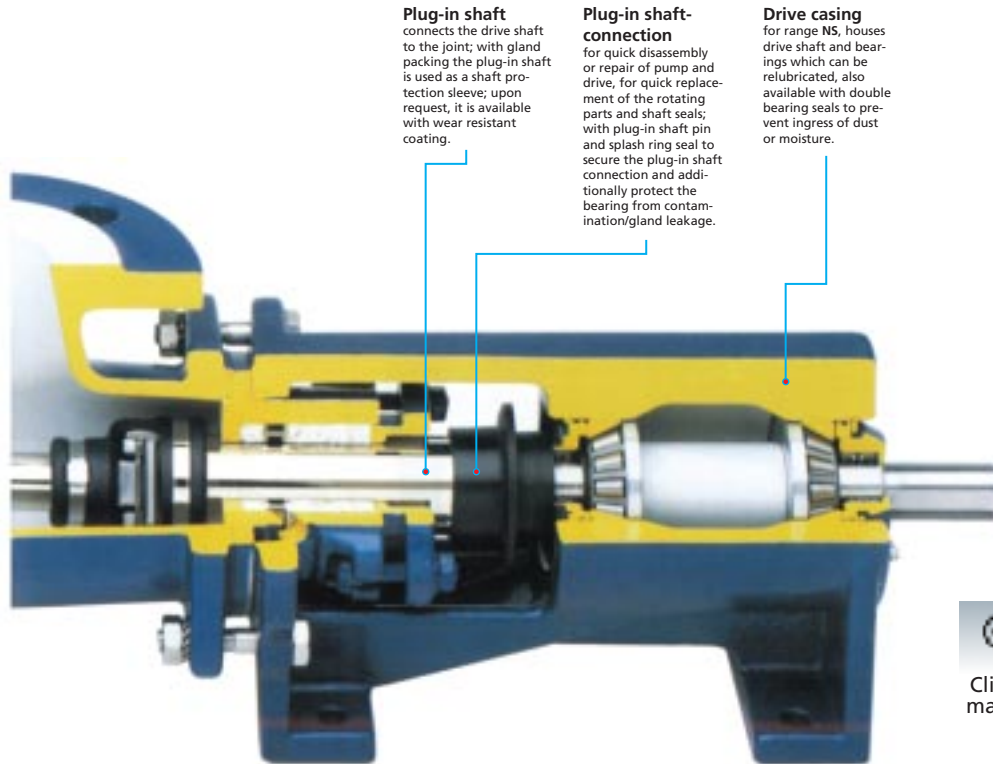
Lantern
for connection of pump and drive and to secure the assembly to the baseplate or directly to the foundation.



Constructional Features *(continued)*

[6L in Operation video](#)

[Back](#)
[Return](#)



Plug-in shaft
connects the drive shaft to the joint; with gland packing the plug-in shaft is used as a shaft protection sleeve; upon request, it is available with wear resistant coating.

Plug-in shaft-connection
for quick disassembly or repair of pump and drive, for quick replacement of the rotating parts and shaft seals; with plug-in shaft pin and splash ring seal to secure the plug-in shaft connection and additionally protect the bearing from contamination/gland leakage.

Drive casing
for range NS, houses drive shaft and bearings which can be relubricated, also available with double bearing seals to prevent ingress of dust or moisture.



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