

SEEPEX.
ALL THINGS FLOW

THE BASIS PRODUCT GROUP N



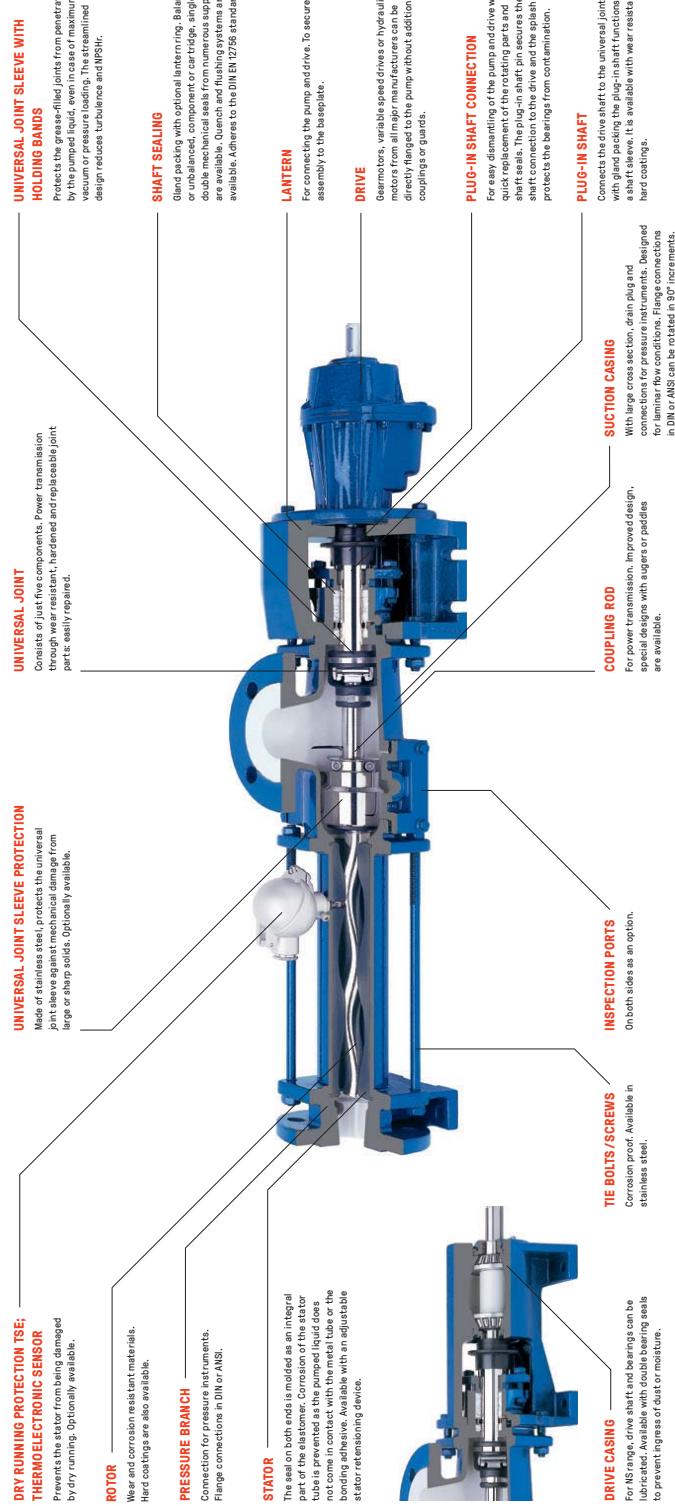
N

AN ESSENTIAL.

PRODUCT GROUP N

Product group N pumps are the model for the design of all SEPEX progressive cavity pumps. They are used in all industries and convey thin to highly viscous liquids with or without solids. They are available with various rotor/stator geometries (conventional, 6L, Tricam and Equal Wall). These benefits and others ensure the pump's economical operation.

OVERVIEW OF RANGES



BN RANGE
The drive of BN range pumps is flange-mounted directly to the pump. This means that a separate pump bearing is not needed as all of the pump is more compact and less expensive. The larger shaft connection between the drive and the pump and ample space around the drive housing parts and the shaft sealing, thus making the BN range very service friendly.

NS/N RANGE

NS range pumps have drives not directly flange-mounted to the pump. Bare shaft designs can fit any drive the user desires including diesel engines or hydraulic motors. The drive casing can accommodate elastic couplings or belt pulleys and still has a service friendly lug-in shaft connection. This connection simplifies the replacement of the rotating bearing parts and the shaft sealing.



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APPLICATIONS

SEEPEX GmbH
www.seeplex.com

Product group N pumps form the basis of the modular concept that supports all SEEPEX progressive cavity pumps. They are ideal for applications in agriculture, ceramics, chemicals, biochemicals, construction, dyeing, paints, electroplating, environmental technology, fish processing, food, beverages, bakery dough and fillings, mining, inorganic minerals, oil and natural gas production, offshore technologies, cosmetics, petrochemicals, pharmaceuticals, pulp and paper, shipbuilding, sugar refining, water and wastewater treatment, textiles, glues, adhesives, mastics and sealers in the transportation and construction markets.

FEATURES

- Various rotor /stator geometries (conventional, 6L, Tricam and Equal Wall)
- Minimal pulsation, uniform and controlled flow. No pulsation dampeners or compensators are required.
- High self-priming capabilities even with a mixture of liquid and air /gas up to a 9 m (29.5 ft.) water column
- Can be mounted either horizontally or vertically, suction casing inlet can be rotated
- Large spherical entrance ports for improved solids handling
- Products with solids can be conveyed gently without damage
- Reversible rotation and fluid flow to improve the NPSHr and sealing
- Low shear rates

KEY FACTS

- Conveying capacity:
30 l/h–500 m³/h (0.32–2,200 USGPM)
- Pressure (higher pressures upon request):
up to 48 bar (720 psi)