## SEEPEX. All things flow

# PRODUCT GROUP D



### CONVEYING CAPACITY 0.06–1,000 L/H (0.016–264 USGPH)

PRESSURE 24 BAR (360 PSI)

SEEPEX metering pumps have highly repeatable accuracy. They're used to handle thin to highly viscous products that can be entrained with or without solids and are corrosive, all with minimal pulsation and to the exact drop.

#### **KEY FACTS**

- Simple interchangeability due to their modular construction
- Infinite turn down
- Minimal pulsation, no pulsation dampers required
- Constant flow, independent of pressure
- Low shear characteristics
- High metering accuracy
- Valveless flow control
- No check valves, no gas locking or blocking by solids
- Drive options and control systems available that allow user-friendly metering applications

#### ROTOR

Wear resistant and corrosion resistant materials.

#### **STATOR ADAPTER**

In stainless steel, enabling interchangeability of all sizes of rotor/stator giving infinite turn down with only one housing and drive unit.

#### **PRESSURE BRANCH**

Available in stainless steel or plastic, ½" connections to DIN EN ISO 228-1 or NPT.

TIE RODS AND SCREW CONNECTIONS In stainless steel.



#### COUPLING ROD

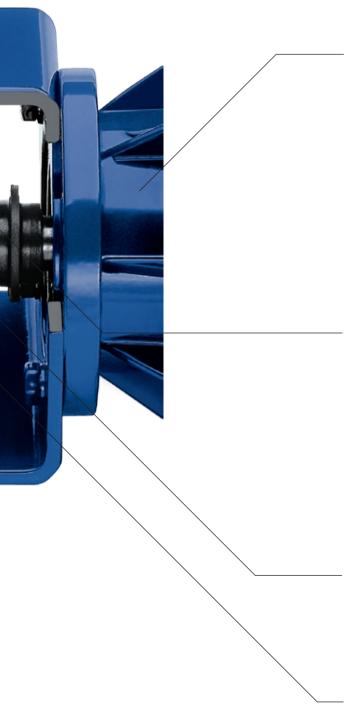
Two pin joints with hardened and wear resistant components, easily assembled, grease lubricated and positively sealed with elastomer sleeves and two holding bands.

#### **STATOR**

The seal on both ends is molded as an integral part of the elastomeric stator; corrosion of the stator tube is prevented as the pumped liquid does not come in contact with the metal tube or the bonding adhesive. **LANTERN** For connecting the pump and drive.

#### SUCTION CASING

Available in stainless steel or plastic, 1" connection to DIN EN ISO 228-1 or NPT, can be rotated in 90° increments, with drain plug/gauge connections.



#### DRIVE

Geared motors, variable speed drives or hydraulic motors of all major manufacturers can be directly flanged to the pump without additional couplings or guards. Smart programmable vector drives available. Program parameters are factory loaded onto a memory chip, which makes duplication fast and easy. A 4-20 mA process signal can be connected via a terminal strip inside the control box.

#### **PLUG-IN SHAFT CONNECTION**

Enables easy dismantling of the pump and drive for quick replacement of the rotating parts and shaft seal. The plug-in shaft pin secures the shaft connection to the drive and the splash ring protects the bearing from contamination/gland leakage.

#### **PLUG-IN SHAFT**

Connects the drive shaft to the universal joint.

#### **SHAFT SEAL**

Single acting mechanical seal. Optional: double acting mechanical seal, gland packing or lip seal.