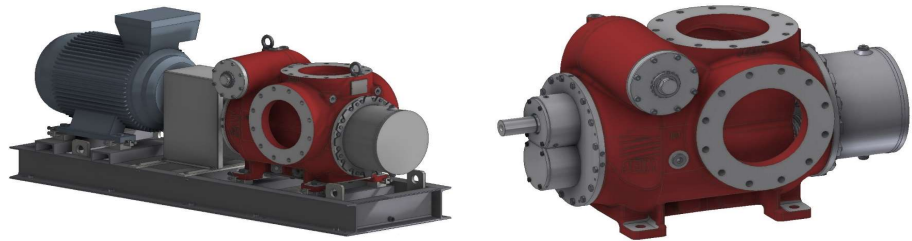


# 2SP



## INSTALLATION DATA

|                             |                                                 |                                   |
|-----------------------------|-------------------------------------------------|-----------------------------------|
| Installation                | Internal or External                            |                                   |
| Environment                 | Industrial, Marine                              |                                   |
| Ambient temperature Min/Max | -25°C (CS) e -40°C (LTCS) , only storage / 60°C | For Different values contact SEIM |

## OPERATING CONDITIONS

|                              |                                                                                                                                                                          |                                   |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Fluid compatibility          | Lube and Mineral Oil; Hidraulic Oil; Diathermic Oil; Organic (DFD-U) & Phosphate (HFDR) Ester; Hydrofluorcarbide Water-Glycol; Light & Heavy Fuel Oil; Apshalt & Bitumen |                                   |
| Solid content                | MAX 2 mm (3%)                                                                                                                                                            | For Different values contact SEIM |
| Viscosity range              | from 1 to 15000 cSt                                                                                                                                                      | For Different values contact SEIM |
| Speed                        | from 750 to 3600 rpm                                                                                                                                                     | For Different values contact SEIM |
| Rotation (seen by shaft end) | Standard clockwise; counterclockwise on request                                                                                                                          |                                   |

## TECHNICAL CHARACTERISTICS

|                      |                                                                      |                                   |
|----------------------|----------------------------------------------------------------------|-----------------------------------|
| Design available     | STANDARD SEIM, API676 with deviations, BV Mode II, RINA              |                                   |
| Flow                 | from 10 to 20000 lpm (from 0,6 to 1200 m3/h; from 2,7 to 5283,5 GPM) | For Different values contact SEIM |
| Suction pressure     | from -0,5 to 10 barg (from -7 to psi)                                | For Different values contact SEIM |
| Delivery pressure    | MAX 16 barg (233 psi)                                                | For Different values contact SEIM |
| Working temperature  | from 0 to 300 °C                                                     | For Different values contact SEIM |
| Seal type            | Mechanical Single or double                                          |                                   |
| Bearing              | 4 radial + 1 axial                                                   |                                   |
| Bearing lubrication  | depending on the application                                         |                                   |
| Driver               | AC or DC motor, Steam Turbine, Diesel Engine                         |                                   |
| Mounting             | Horizontal on feet M1001 B3 or vertical flanged IM3011 V1            |                                   |
| IN / OUT connections | standard DIN UNI EN 1092-1 or ANSI 150 B16.5                         |                                   |
| Safety Valve         | Only on request                                                      |                                   |

## MATERIALS

|                |                                                                      |                                   |
|----------------|----------------------------------------------------------------------|-----------------------------------|
| Body / Flanges | Cast Iron, Carbon Steel, Stainless Steel, Duplex                     | For Different values contact SEIM |
| Screws         | Hardened Carbon Steel or Stainless steel                             | For Different values contact SEIM |
| Liner          | ----                                                                 | For Different values contact SEIM |
| O-rings        | standard Viton ®                                                     | For Different values contact SEIM |
| Painting       | standard SA2,5 + primer + RAL, 160µ; other painting cycle on request |                                   |