

# PVT 700



|                               |                                |                                      |                          |
|-------------------------------|--------------------------------|--------------------------------------|--------------------------|
| Nominal capacity              | : 8000-12500 m <sup>3</sup> /h | Motor power                          |                          |
| Maximum capacity              | : 16000 m <sup>3</sup> /h      | 50 Hz frequency                      | : 200 ... 355 kW         |
| Absolute pressure             | : 100 ... 200 mbar             | 60 Hz frequency                      | : 240 ... 380 kW         |
| Vacuum pressure               | : -680 ... -500 mm-Hg          | Rotation                             |                          |
| ( At sea level )              |                                | 50 Hz frequency                      | : 390 ... 670 rpm        |
| Inlet & outlet port : DN 300  |                                | 60 Hz frequency                      | : 470 ... 800 rpm        |
| Maximum gas temperature       |                                | Service liquid                       |                          |
| Dry                           | : 200 °C                       | amount                               | : 500 ... 570 l/min      |
| Saturated                     | : 100 °C                       | inlet                                | : 3"                     |
| Max.compression over pressure | : 0,3 bar                      | Max.admissible temperature           | : 80 °C                  |
| Max. pressure difference      | : 1,1 bar                      | max. viscosity                       | : 4 mm <sup>2</sup> /s   |
| Inertial moment               | : 0,003 kg.m <sup>2</sup>      | max. density                         | : 1200 kg/m <sup>3</sup> |
| Weight                        |                                | Volume up to the shaft level         | : 250 l                  |
| Complete with motor           | : 4000-4900 kg                 | Sound level                          | : 68 dB                  |
| Without motor & coupling      | : 3200 kg                      | ( at a suction pressure of 80 mbar ) |                          |

## Performance Curves

