

# HIGH-PRESSURE AND BOOSTER PUMPS

# ATMP

The ATMP range of high-pressure and booster pumps are primarily used for reverse osmosis and ultrafiltration applications. The new range offers efficiency improvements compared to earlier ranges. It features a directly coupled pump powered by an asynchronous motor and variable frequency drive. Additionally, the improved design makes maintenance and service easier than ever.

#### **KEY FEATURES AND BENEFITS**

- High speed, asynchronous motor provides improved efficiency with speed range of 4,500–5,500 rpm, creating high pressure of up to 1,200 psi (82.7 bar)
- An innovative design that provides easy access to the shaft seal and thrust bearing of the pump makes maintenance and alignment quick and easy
- Easy maintenance; only three tools are needed to take pump apart: 17mm & 19mm open-end wrenches and 5mm allen wrench
- All wet-end components are Super Duplex and 904L stainless steel suitable for use in seawater and brackish water applications
- Shaft seal is made from ceramic/ silicon carbide, for high-pressure applications
- Built-in ceramic and carbon thrust bearing absorb the axial thrust from the pump, and thrust bearing arrangement and NBR rubber pump bearings are water lubricated, maximum durability
- Easily integrated in any water treatment system
- Designed for high flows and pressure
- Built-in check valve

## **APPLICATIONS**

- Reverse osmosis systems
- Ultrafiltration
- Filtration systems
- Pressure boosting systems and water supply
- Irrigation

Backed by the Grundfos extended warranty



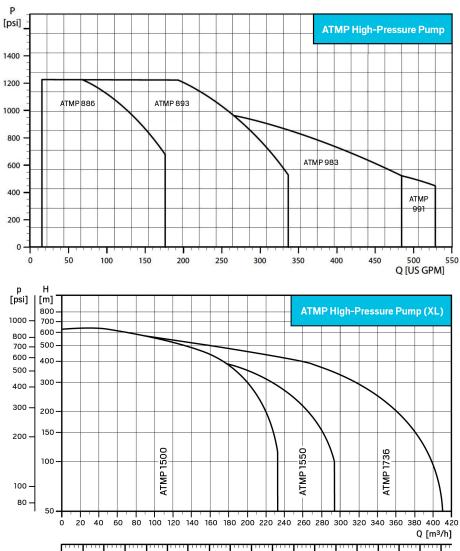
## **TECHNICAL DATA**

| ATMP BOOSTER PUMP INFORMATION |                          |
|-------------------------------|--------------------------|
| FLOW, Q:                      | max. 946 gpm (215 m³/h)  |
| OPERATING PRESSURE:           | max. 1200 psi (82.7 bar) |
| LIQUID TEMPERATURE:           | max. 104ºF (40ºC)        |

#### ATMP HIGH-PRESSURE PUMP INFORMATION

| FLOW, Q:            | max. 1,760 gpm (400 m <sup>3</sup> /h) |
|---------------------|--|
| OPERATING PRESSURE: | max. 1200 psi (82.7 bar)               |
| LIQUID TEMPERATURE: | max. 104ºF (40ºC)                      |

## **PERFORMANCE DATA**



0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 Q [US GPM]

