

MTRE – RUN AT POWER LIMIT

In certain applications you need to increase pressure as you wish. Customised software allows the pump's RPM to be practically doubled, and the increased speed – referred to as over-synchronous operation – translates into greatly increased pressure and means you get the high pressure you need from a significantly smaller pump. This can be achieved because the pump does not need to perform across the full pump curve. Instead, the software lets the pump operate only within the necessary band with perfect precision.

Run at power limit

- Makes it possible to boost the pressure at lower flows by increasing the frequency
- Makes it possible to use the motor 100% over the full pump curve
- Smaller and more compact pump

MTRE:

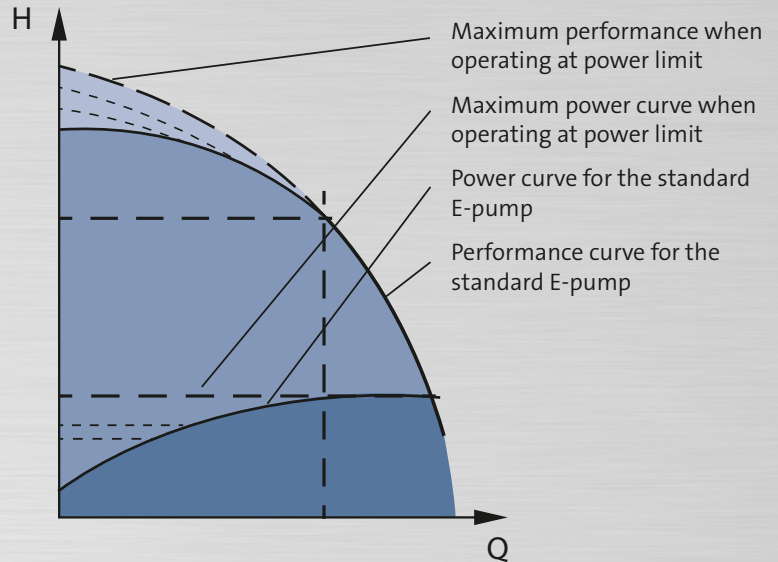
Flow rate: max 102 m³/h (1700 l/min)

Head: max 300 m

Motor: 0.37-22 kW

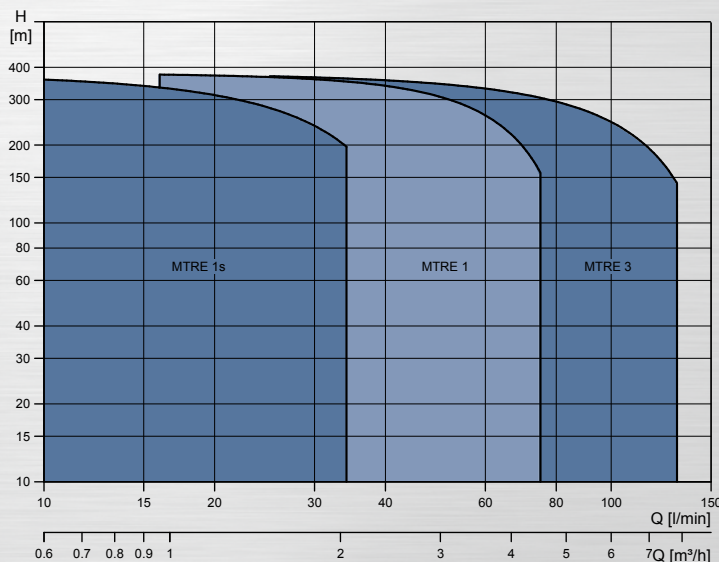
Liquid temp.: -10 °C to +90 °C (+120 °C)

Pump sizes: 11



MTRE HIGH PRESSURE

This variant of the MTRE pump with integrated frequency converter is especially designed for applications requiring high pressure. This is obtained by high-speed operation of the motor and reinforced components in the pump, while keeping the general features from standard MTRE pumps.



MTRE-HS:

Flow rate: max 8 m³/h (133 l/min)

Head: max 370 m

Motor: 4-7.5 kW

Liquid temp.: -10 °C to +90 °C

Pump sizes: 3

