

# The **MTH RANGE** – with integrated motor

The MTH range of immersible pumps with the motor and pump in one unit is very compact, increasing the ease of installation. Available in cast iron or stainless steel, the MTH range can be supplied in different immersible lengths for varying flow and pressure requirements. The MTH pump comes with dual frequency 50/60 Hz as standard.

The MTH range is ideal for machine tool, wash & clean and chiller applications.

## Pump capabilities:

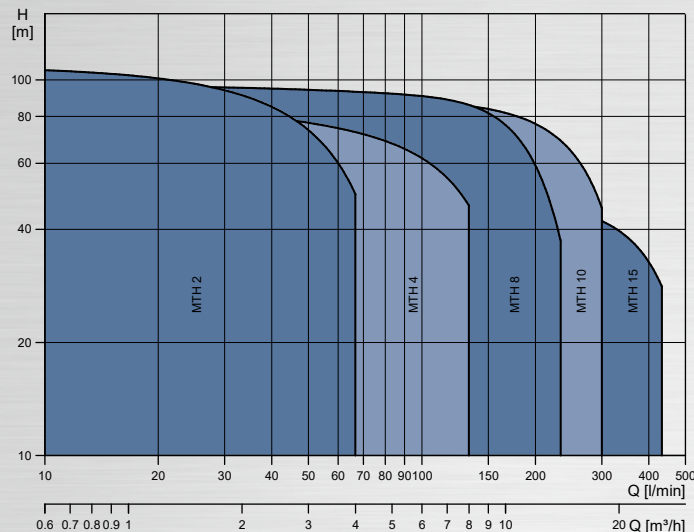
**Flow rate:** max 25 m<sup>3</sup>/h (417 l/min)

**Head:** max 100 m

**Motor:** 0.55-4 kW

**Liquid temp.:** -10 °C to +90 °C

**Pump sizes:** 5



- Motor**  
 Standard IE3 motor available for global voltage with single and three-phase motors. Motor protection directly from Klaxon or PTC
- Seal solution**  
 Grundfos offers a wide range of mechanical shaft seals with different seal faces such as Silicon Carbide, Carbon and Tungsten Carbide to handle almost any industrial liquid. Drainage back to solution is standard for the MTH range (see page 6)
- Materials**  
 Available in cast iron or stainless steel, depending on the application
- Variable length**  
 To reach the exact depth of tank, the immersible length can be extended up to 334 mm, depending on pump size
- Inlet**  
 Fitted with a suction strainer that prevents large solid particles from entering and damaging the pump. The size of the passage in the strainer and the impeller depends on the pump size. The special priming screw allows for liquid levels down to 25 mm
- Pipe connections**  
 Internal thread: Rp, NPT



## APPROVALS

Meets current motor and pump efficiency requirements applicable in your market such as the global MEPS (Minimum Energy Performance Standards) for the motor and the Ecodesign requirements for rotodynamic water pumps defined by the Minimum Efficiency Index (MEI)