

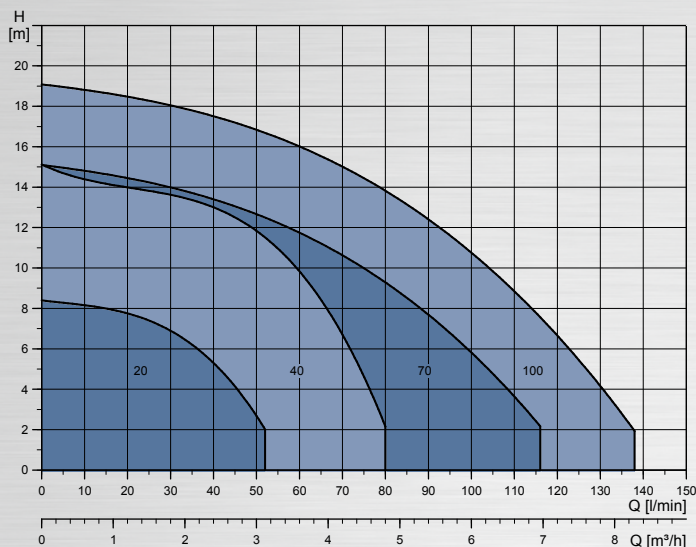
# The **MTA RANGE** – for filtering systems

The MTA range of single-stage immersible pumps has been designed especially for filtering systems in the machine tool industry. The semi-open impellers allow the passing of chips up to 10 mm, making the pumps ideal for removing liquid from any machining process – from boring and milling to grinding. The compact MTA pumps efficiently transport liquid containing chips, fibres and abrasive particles on to the filtering unit.

The low-pressure pumps are available in many different flow variants and come with a choice of bottom suction or suction from the top of the volute. The pump is designed to be maintenance-free, and therefore does not contain shaft seals or other wear parts. MTA pumps can also be used for simple cooling applications.

## Materials

Carefully chosen materials ensure trouble-free operation and long life. The top of the pump is made of cast iron, while the impeller is available in composite or bronze. Composite is used in MTA pumps with flow up to 300 l/min. In the bigger pumps with higher flow, the impellers are made of bronze to ensure resistance to for example metal chips. As the pumped liquid will always contain oil, there is no risk of corrosion.



## Pump capabilities:

<b>Flow rate:</b>	max 25 m <sup>3</sup> /h (420 l/min)
<b>Head:</b>	max 15 m
<b>Motor:</b>	0.1-0.75 kW
<b>Liquid temp.:</b>	0 °C to +60 °C
<b>Pump sizes:</b>	10

- **Motor**  
Three-phase motor, available for global voltages
- **High-efficiency motor and hydraulic**  
Low operational costs
- **Variable length**  
A number of different immersible lengths are available for each pump size to cover various tank designs
- **Long bearing lifetime**  
Maintenance-free
- **No shaft seal**  
Prevents leakages
- **Bottom or top suction**  
Suction option for different demands
- **Semi-open impeller**  
Ensures free passage of solids and chips

