

► Purpose-designed pumps

The Grundfos range of single stage MTB pumps is specially designed for transport of fluids with ingredients of machining chips and abrasive particles – be it cooling lubricants and lubricant oils for central filtration plants or pumping/circulation of fluids in component washers as well as other specific areas, where an in-line pump is required to transport fluids with particles. MTB comes in a standard version, but can also be supplied as a customised version with, e.g. different shaft seal variants, other voltage variants, as well as frequency controlled motors, where required.

High performance

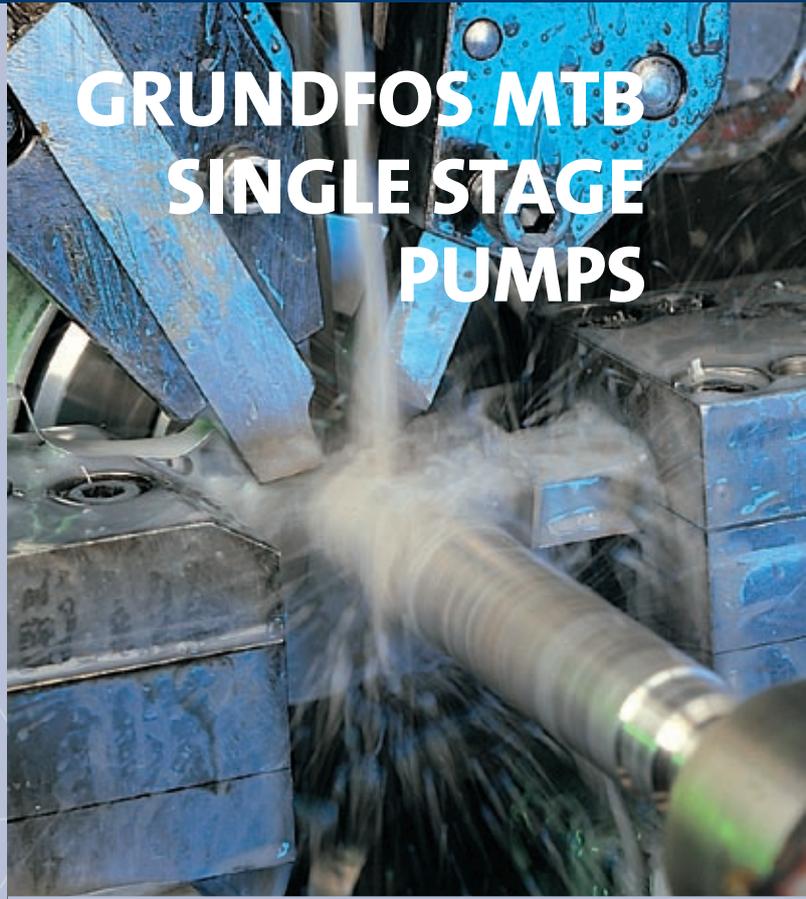
The full range of Grundfos MT products, immersible- and in-line pumps are designed for reliable and trouble-free operation under the most demanding circumstances that industrial application entail.

The series comprises a variety of models of high-performance centrifugal pumps both for clean media without big particles and for media containing chips and abrasive particles.

The total range is capable of delivering from 0,5 to 90 m³/h at a pressure of 1 bar to 25 bar. The new MTB range will have a flow range of up to 90m³/h and a maximum pressure of 5 bars.



GRUNDFOS MTB SINGLE STAGE PUMPS



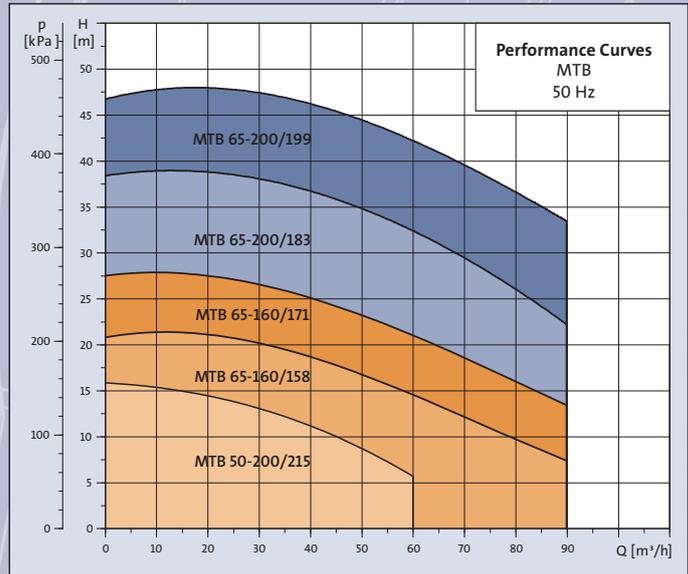
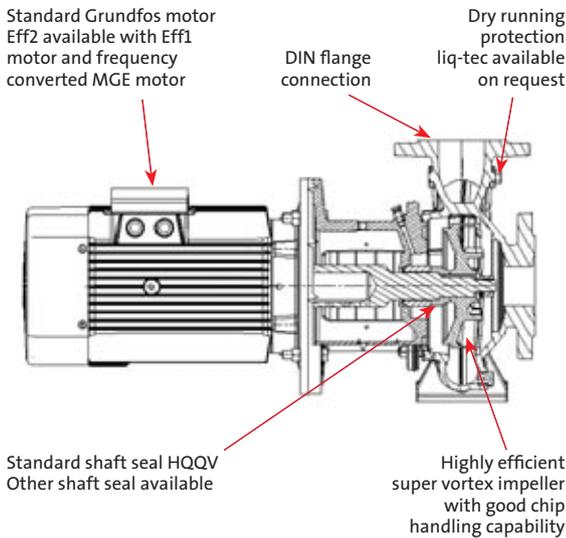
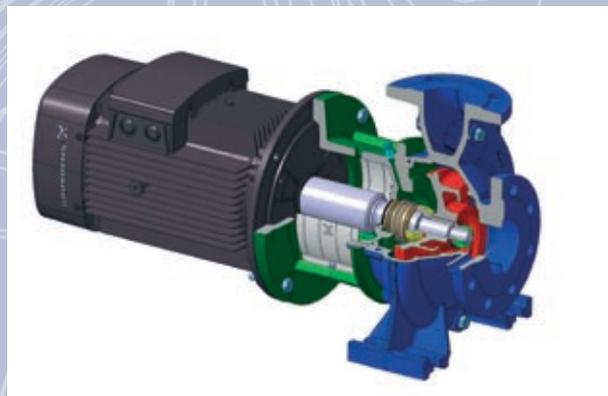
MTB

The Grundfos MTB range is useful for applications with a high flow, and is designed for long and trouble-free operation.

The vortex impellers of the pump enable the pump to transport fluids with ingredients of particles and chips from machining processes. The pump is able to handle chips sizes of approximately 10-20 mm.

The standard pump is equipped with a tungsten-carbide shaft seal and viton rubber, which makes it unique for applications within the machining industry. If another application area, e.g. the component washing industry, requires a different shaft seal, this is also possible, as the MTB pump can be supplied with a variety of shaft seal combinations.

The MTB pump is made in a single stage design and is directly connected with a Grundfos EFF2 motor, but can be supplied with an EFF1 motor if it is required. As an extra precaution, the MTB pump can be equipped with a Grundfos Liqtec solution, which will prevent the pump from dry-running and damaged shaft seals.



Worldwide Service

Grundfos offers an efficient worldwide service network through companies in more than 50 countries on five continents. Experienced service technicians and all necessary spare parts can be made available at short notice practically anywhere, regardless of where a pump may finally be employed.