

High Class Efficiency

Full Range of Flexible In-Line Pumps

Grundfos TP/ TPE is the world's most comprehensive range of high-efficiency inline pump. The TP/TPE pumps feature the world-renowned EFF1 motor as a standard, along with integrated frequency converters that ensure maximum efficiency at all times. This guarantees the lowest possible life cycle costs and the best conditions for the environment.

- **TP-The motor makes the difference**

Firstly, the EFF1 is the most efficient motor available according to the European CEMEP agreement. Secondly, Grundfos leads the way by featuring only EFF1 motors in our pumps.

- **TP-Pumps for life**

These highly adaptable intelligent pumps feature integrated frequency converters that ensure maximum efficiency at all times. All TPE components are tailor-made and mutually optimised, resulting in energy savings up to 50% compared to conventional pumps.

- **TP-Save money while saving the planet**

Energy costs account for upto 90% of the overall cost at a pump during its lifetime.

- **TP-E means Green for future generations**

By considering life cycle cost when you choose your pumps, you can help reduce CO₂ dramatically and thereby make an important contribution to the well-being of our planet. All Grundfos TPE pumps come with integrated frequency converters that reduce energy consumption and ensure the lowest possible life cycle cost and the best conditions for our environment.





Comprehensive range:

- From 0.12 kW to 630 kW
- Capacities of upto more than 4500 m³/h
- Head upto 170m
- Temperature upto + 150° C
- Operating pressure upto 25 bar
- Compatible with all application areas: Heating, district heating, air-conditioning, district cooling, industrial cooling, industrial processes and water supply

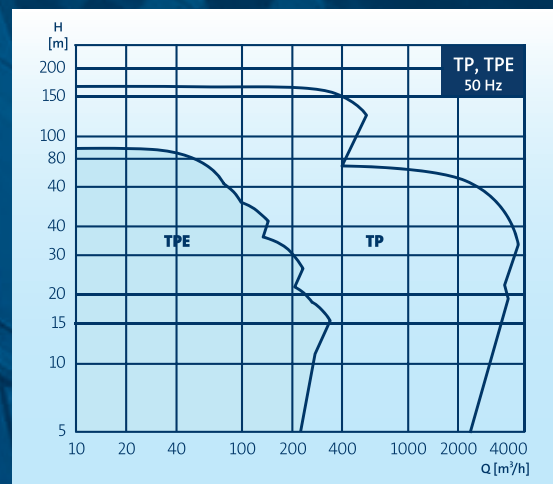
Optimised flow geometry

With our unique, high precision machinery we have minimised the tolerances used in the manufacture of the impeller and the pump casing, and optimised the flow geometrics of these two crucial components. The result: minimal backflow and increased energy efficiency.

Surface details

Sometimes, looking at the surface is a good thing . Grundfos TP/TPE pumps are given cathaphoresis surface treatments, consisting of Powercron cathodic electrocoating and zinc phosphate coating. Cataphoresis on the inside of the pump means a longer lasting inside surface that keeps efficiency high.

Performance are TP/TPE



The curve shows the performance area of Grundfos in-line pumps. The shaded area shows the performance area of pumps with integrated frequency converters (TPE pumps)

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