Advantages

Open channel
Open spherical channel from the suction to the pressure outlet, due to the completely recessed impeller.

Non-clogging
Solids up to the diameter of the pressure outlet and long fibrous materials do not cause any malfunction.

Quiet running
No radial forces are transmitted to the shaft by the recessed impeller in the casing.

Insensitivity to abrasion
The geometric shape of the impeller is adapted to the vortex casing. That reduces the abrasive attack to a minimum.

Gentle pumping
Sensitive particles (crystals, bacterial flakes, etc.) are not damaged. Lower emulsion of oil in water.

Modular system
Our modular system allows an economical storage.

Long tool life
A robust construction, a thick casing and a judicious choice of materials ensure a long life cycle.

Reliability
The Egger hydraulics, quiet running and proper sealing systems ensure trouble-free operation.

Applications
- Raw sewage
- Municipal and industrial wastewater
- Sludge with a high content of fibers
- All viscous media
- Suspensions with a high content of fibers

Features
- Pumping raw sewage without clogging
- Patented vortex hydraulics
- Special axial spiral casing, tuned to the hydraulics
- Interchangeable with Turo® T, TV and TEO

Facts & Figures
Nominal dimensions: DN 80 – 200 mm
3 – 8"
Flow rate: up to 180 l/s
2'850 US gpm
Differential head: up to 100 m, 330 ft
Pressure: up to 16 bar, 230 psi
Temperature: up to 130 °C/265 °F

The Turo® TA impeller is capable of pumping raw municipal sewage with a high content of fibers, that may clog conventional impellers.
Great freedom from clogging by particles and fibers – open spherical channel
This feature is achieved by the completely recessed impeller. Solid objects up to the diameter of the pressure outlet and long fibrous materials do not cause any malfunctions. There are no channels that the solids have to pass through nor are there any radial gaps between the pressure and suction sides that could be clogged by fibers and otherwise obstruct the pump.

Impeller variations
The Turo® TA impeller is suitable for pumping municipal raw wastewater with high proportions of textiles, who tend to clog. It is hydraulically optimized for this requirement and fully integrated into our Turo® Vortex pump’s modular system.

Turo® Modular System
The Turo® TA Vortex hydraulic is completely integrated into the modular system of the Egger pumps. The impellers of the series Turo® TA, Turo® T, Turo® TV and TEO are interchangeable without any modifications.

Further information can be found on: www.eggerpumps.com