Company: Polypump
Telephone: 01296 488294
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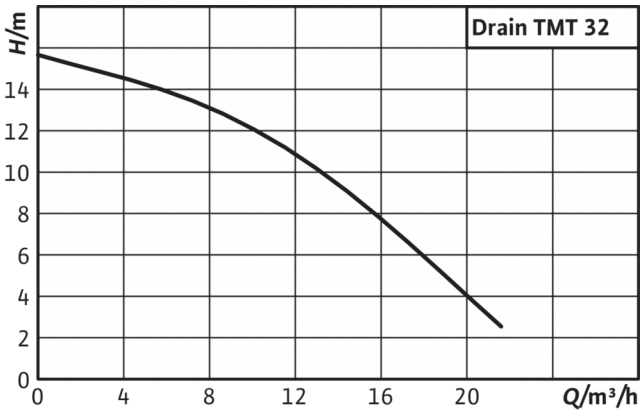
Series description: Wilo-Drain TMT/TMC

Wilo-Drain TMT 32M

Wilo-Drain TMT 32M



Design type

Submersible drainage pump

Application

Pumping of

- Wastewater with a maximum fluid temperature of 95 °C

Equipment/function

- Connection cable for fluids up to 95 °C, permanently connected
- Winding temperature monitoring with bimetallic strip

Scope of delivery

- Submersible drainage pump
- Installation and operating instructions

Type key

Example:	**Wilo-Drain TMT 32M113/7,5Ci**
TMT	Submersible drainage pump for fluid temperatures up to 95 °C
32	Nominal diameter of the pressure port G 1¼
M	Multi-channel impeller
113	Impeller diameter in mm
7,5	/10 = rated power P_2 in kW
Ci	Material version: Cast iron

Technical data

- Mains connection: 3~400 V, 50 Hz
- Protection class: IP68
- Max. immersion depth: 7 m
- Fluid temperature:
  - Immersed: 3 ... 95 °C
  - Non-immersed: 3 ... 60 °C
- Cable length: 10 m
- Pressure port: G 1¼

Materials

- Pump housing: EN-GJL-250
- Impeller: EN-GJL-250
- Shaft: 1.4021
- Mechanical seal: SiC/SiC; Cr/MgSi
- Static gaskets: HNBR
- Motor housing: EN-GJL-250

Special features/product advantages

- Temperature resistance for fluid temperatures up to 95 °C
- High operational reliability due to motor temperature monitoring and sealed cable inlet

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Description/construction

Fully submersible drainage pump for vertical wet well installation to pump fluids with temperatures of up to max. 95 °C.

Hydraulics

The hydraulics housing and the impeller are made of cast iron. The connection on the pressure side is designed as horizontal threaded flange connection.

Motor

Three-phase current surface-cooled motors for direct starting are used as the motors. The waste heat is given off directly to the surrounding fluid via the motor housing. These motors can be operated immersed in continuous duty (S1) and non-immersed in intermittent operation (S3).

Furthermore the motors are equipped with the following monitoring devices:

- Leakage detection motor compartment: The leakage detection signals water ingress into the motor compartment.
- Thermal motor monitoring: The thermal motor monitoring protects the motor windings against overheating. Bimetallic strips are used for this as standard.

The connection cable has bare cable ends and a length of 10 m as standard, and is available in following versions:

Seal

The fluid-side and motor-side seal is provided by two mechanical seals. The sealing chamber between the mechanical seals is filled with medical white oil.

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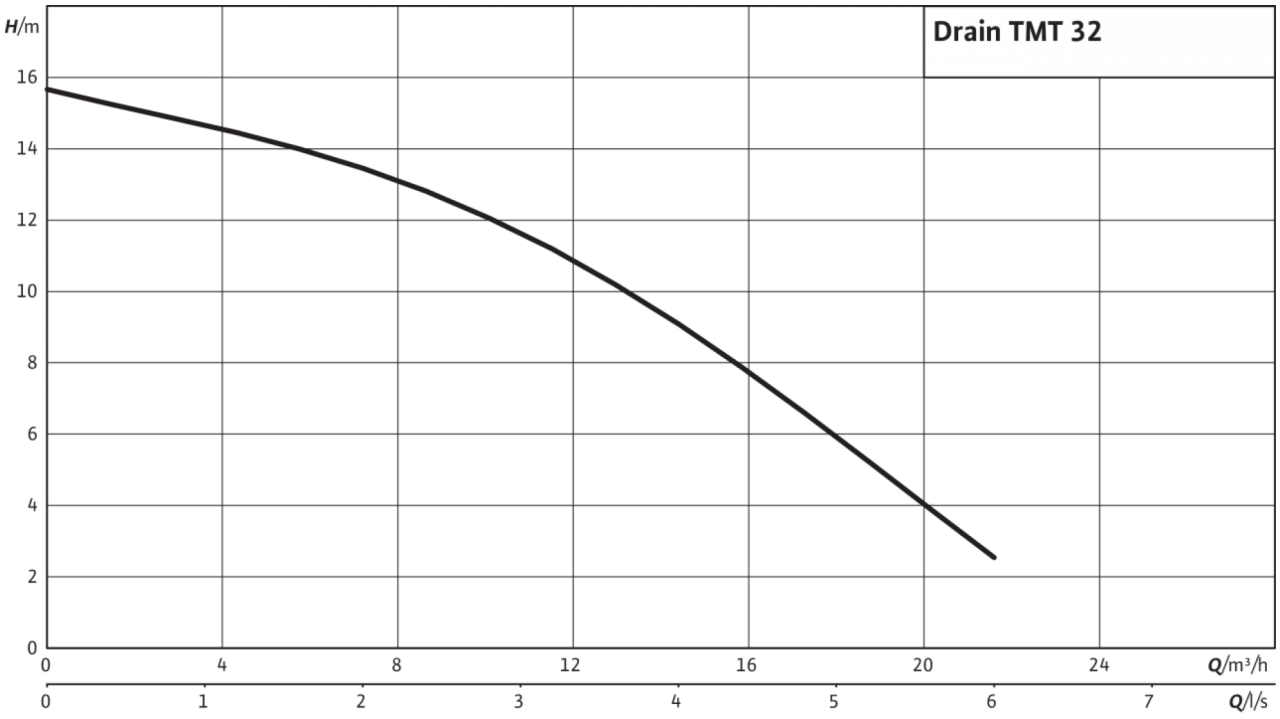
Duty chart: Wilo-Drain TMT/TMC

Wilo-Drain TMT 32M



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Product list: Wilo-Drain TMT/TMC

Product description	Article number
Drain TMT 32M113/7,5Ci	6070087