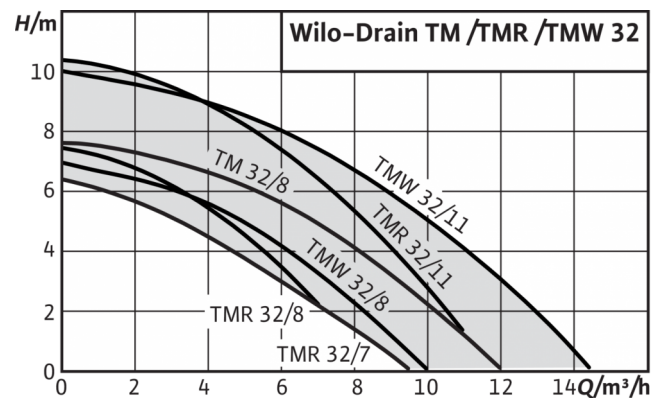


Series description: Wilo-Drain TM/TMW/TMR 32

Wilo-Drain TMR 32



Wilo-Drain TM/TMR/TMW 32



Design type

Submersible drainage pump

Application

Pumping of

- Pre-cleaned sewage without faeces and long-fibre components
- Wastewater

Equipment/function

- Connection cable with plug
- Thermal motor monitoring
- Sheath current cooling

Scope of delivery

- Pump with cable, plug and fitted float switch (except TM 32/8)
- Non-return valve included (except TM 32/7 and TM 32/8-10M)
- Hose connection with male thread or hose nozzle (ø 35 mm)
- Installation and operating instructions

Type key

Example:	Wilo-Drain TMW 32/11 HD
TM	Submersible drainage pump
W	Version:
	<ul style="list-style-type: none"> • without: Standard • W: with turbulator • R: with flat suction
11	Max. delivery head in m
HD	Special version:
	<ul style="list-style-type: none"> • HD: Special material version • 10M: Cable length, e.g. 10°m

Technical data

- Mains connection 1~ 230 V, 50 Hz
- Protection class: IP68
- Max. immersion depth: 1 or 7 m, depending on type
- Fluid temperature: 3 ... 35 °C, briefly up to 3 min.: max. 90 °C
- Cable length: 4 or 10 m, depending on type
- Pressure port: Rp 1¼

Special features/product advantages

- The minimal residual water level is 2 mm (TMR version only)
- Ergonomic handle, low weight, user-friendly thanks to its ready-to-plug design (Plug&Pump)
- Operational reliability due to built-in sheath flow cooling, mechanical seal with sealing chamber and stainless steel-encapsulated motor
- Cable length 4 to 10 m, depending on the type
- Fluid temperature: max. 90 °C

Series description: Wilo-Drain TM/TMW/TMR 32

Materials

TM/TMW/TMR:

- Motor housing 1.4301 (AISI 304)
- Pump housing: PP-GF30
- Impeller: PPE/PS-GF20
- Shaft: 1.4104 (AISI 430F)
- Seal:
 - On motor side: NBR
 - Fluid side: Carbon/ceramic

TMW ... HD:

- Motor housing 1.4404 (AISI 316L)
- Pump housing: PP-GF30
- Impeller: PPE/PS-GF20
- Shaft: 1.4404 (AISI 316L)
- Seal:
 - On motor side: NBR
 - Fluid side: Carbon/ceramic

Description/construction

Submersible pump for stationary and portable wet-well installation in fully automatic mode with attached float switch.

Hydraulics

The pumps of the TM series are equipped with a multi-channel impeller and have a free ball passage of 10 mm (except TMR). The pressure connection is a vertical threaded connection.

Configuration options:

- **TMW** The Wilo-Drain TMW twister function ensures continuous turbulence in the suction area of the pump, preventing the sinking and settling of settling sediments. This results in a clean pump sump and reduces the build-up of odours. The Twister function can be disabled.
- **TMR** The Wilo-Drain TMR special strainer enables pumping off of the fluid to a residual level of 2 mm.

Motor

Submersible motor in single-phase version with sheath current cooling (cooling by the pumped fluid between pump and motor housing) and built-in thermal overload protection with automatic reactivation.

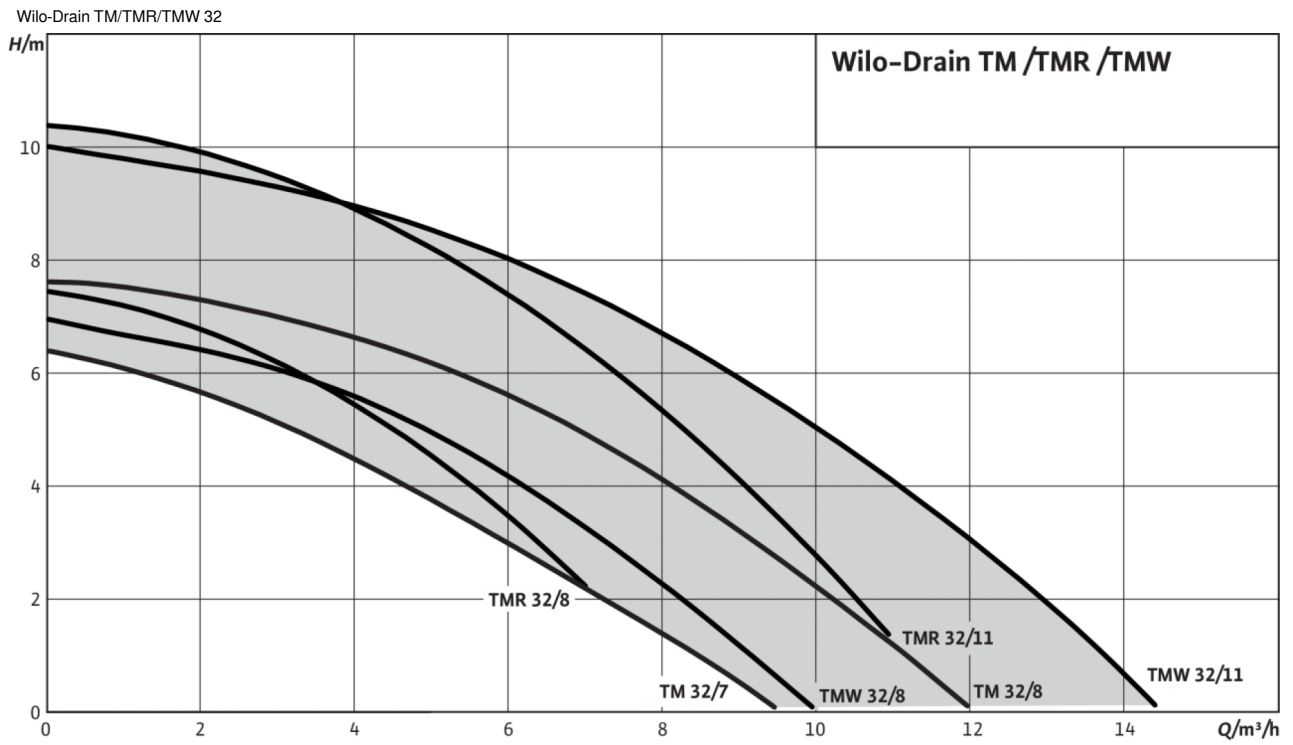
Seal

The seal is created on the fluid side by a mechanical seal, and on the motor side by a rotary shaft seal. A sealing chamber with a white-oil filling is located between the gaskets.

Cable

The pump is equipped with a 3 or 10 m connection cable with shockproof plug and an attached float switch (not TM 32/8-10M).

Duty chart: Wilo-Drain TM/TMW/TMR 32



Product list: Wilo-Drain TM/TMW/TMR 32

Product description	Article number
Drain TMR 32/11	4145327
Drain TMR 32/8-10M	4145326
Drain TMR 32/8	4145325
Drain TMW 32/11-10M	4058060
Drain TMW 32/8-10M	4058059
Drain TMW 32/11HD	4048715
Drain TMW 32/11	4048414
Drain TMW 32/8	4048413
Drain TM 32/7	4048412
Drain TM 32/8-10M	4048411