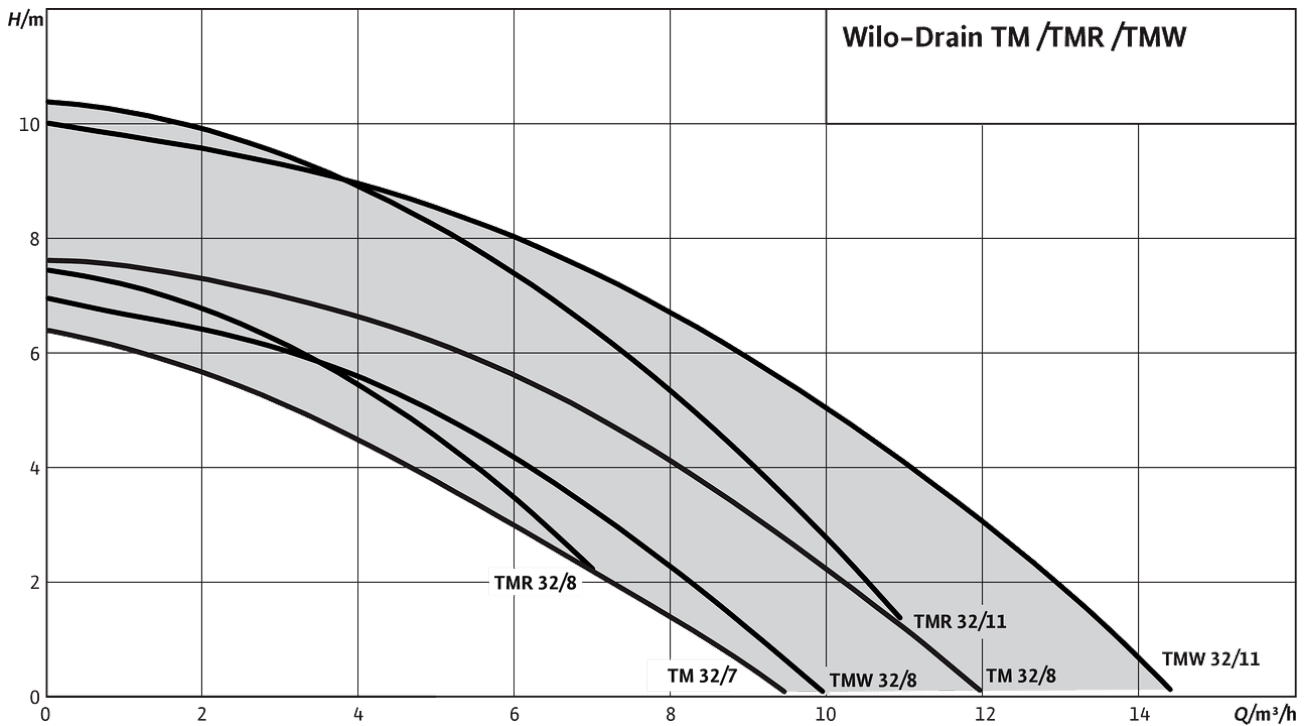




**Your advantages**

- > User-friendly – ergonomic handle, low weight, ready-to-plug version (Plug&Pump)
- > Operationally reliable – stainless steel-encapsulated motor with sheath flow cooling, mechanical seal and sealing chamber
- > Drain TMR with flat suction – minimal residual water level of 2 mm



**Construction**

Submersible drainage pump

**Application**

Pumping of

- > Sewage without faeces or long-fibre constituents
- > Wastewater

**Equipment/function**

- > Connection cable with plug
- > Float switch
- > Self-switching thermal motor monitoring
- > Sheath current cooling

### Scope of delivery

- > Pump with connection cable and plug
- > Fitted float switch (apart from TM 32/8-10)
- > Threaded connection with non-return valve (Drain TMW/TMR)
- > Hose connection, supplied (Drain TM)
- > Installation and operating instructions

### Type key

Example:	<b>Wilo-Drain TMW 32/11 HD-10M</b>
<b>TM</b>	Series Version:
<b>W</b>	<ul style="list-style-type: none"> <li>&gt; without: Standard</li> <li>&gt; W: with turbulator</li> <li>&gt; R: with flat suction</li> </ul>
<b>32</b>	Nominal diameter of pressure connection
<b>11</b>	Max. delivery head in m
<b>HD</b>	Version for aggressive fluids (AISI 316L) Varying cable lengths:
<b>10M</b>	<ul style="list-style-type: none"> <li>&gt; 10M: 10 m connection cable</li> <li>&gt; 30M: 30 m connection cable</li> </ul>

### Technical data

- > Mains connection 1~ 230 V, 50 Hz
- > Protection class: IP68
- > Max. immersion depth:
  - > 4 m cable length: 1 m
  - > 10 m cable length: 4 m
- > Fluid temperature: 3 ... 35 °C, briefly up to 3 min.: max. 90 °C
- > Pressure port:
  - > Drain TM: G 1¼male
  - > Drain TMW/TMR: G 1¼female

### Materials

<b>TM/TMW/TMR:</b>	
> 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 are equipped with an open multi-vane impeller and have a free ball passage of 10 mm (TM/TMW) or 2 mm (TMR). The pressure connection is a vertical hose connection (TM) or threaded connection (TMW/TMR).

### Motor

Sheath flow-cooled single-phase AC motor with integrated operating capacitor. The motor heat is transferred directly to the fluid via the motor housing.

The motor is equipped with automatic thermal motor monitoring. This means that the motor is switched off if it overheats and will be automatically switched on again once it has cooled down.

### 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 4 or 10 m long connection cable with a shockproof plug and a fitted float switch (not TM 32/8-10M).

### Versions:

- > **Drain TMW** with twister function - The twister function guarantees permanent turbulence within the pump's intake area. This prevents settling sediment from sinking and settling. This results in a clean pump sump and reduces the build-up of odours
- > **Drain TMR** with flat suction - The special strainer enables the fluid to be pumped out to a remaining level of 2 mm.

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	3 m
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,98
Rated power $P_2$	0,37 kW
Power consumption $P_{1 \max}$	450 W
Rated current $I_N$	2,2 A
Starting current $I$	4,8 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	no
Explosion protection type	-
Motor protection	Bimetallic

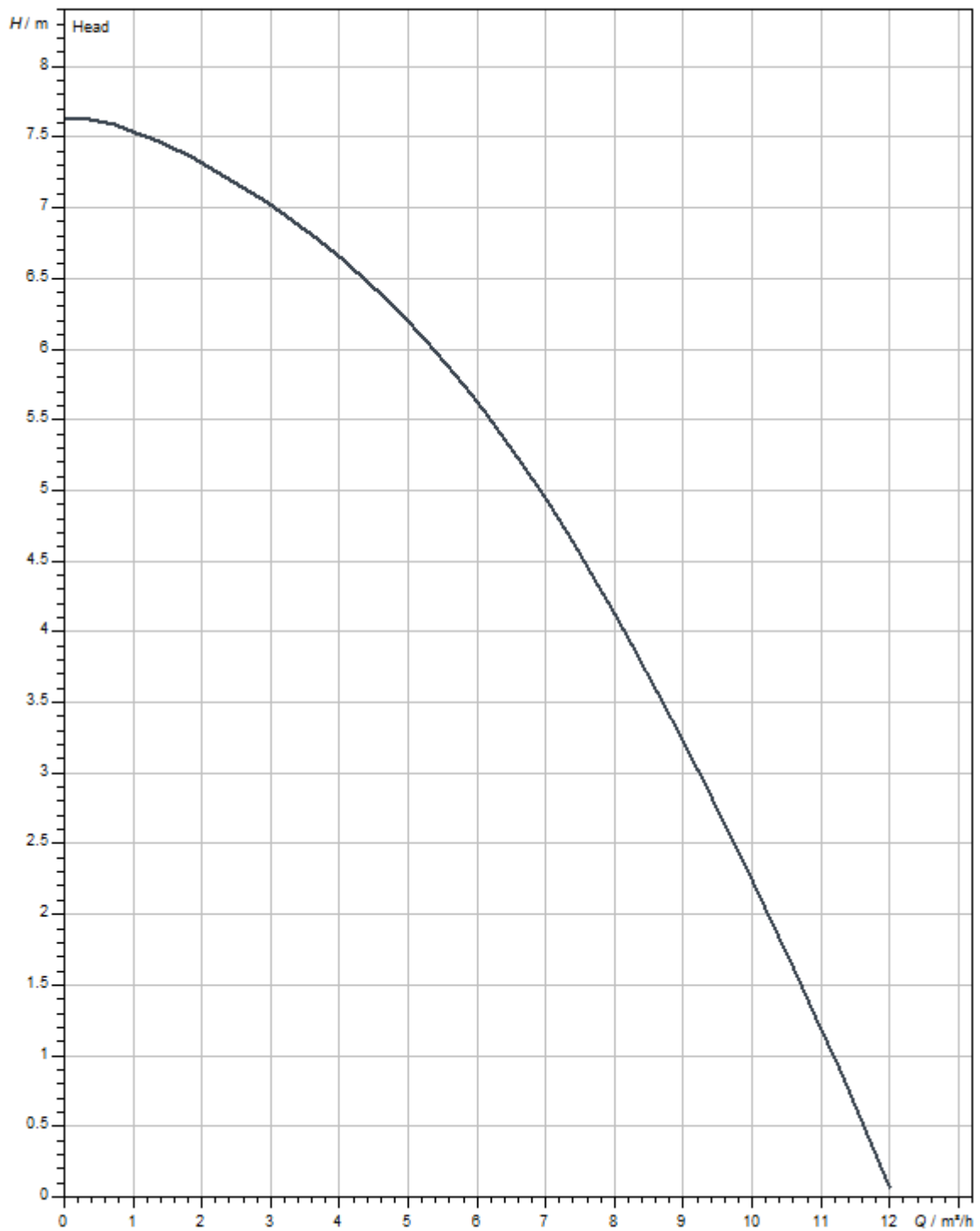
### Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

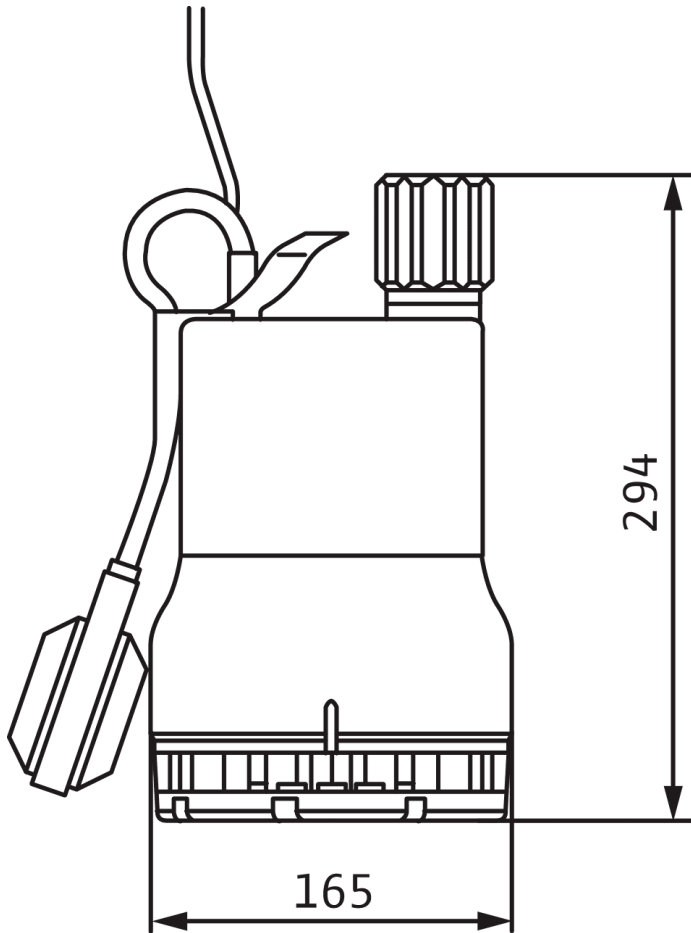
Pipe connection on the pressure side $DNd$	G 1¼
--	------

### Pump curves



Dimensions and dimensions drawings

Wilo-Drain TM 32



## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	1 m
Min. fluid temperature $T_{\min}$	3 °C
Max. fluid temperature $T_{\max}$	35 °C
Min. ambient temperature $T_{\min}$	3 °C
Max. ambient temperature $T_{\max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,92
Rated power $P_2$	0,25 kW
Power consumption $P_1 \max$	320 W
Rated current $I_N$	1,5 A
Starting current $I$	2,4 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	4 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

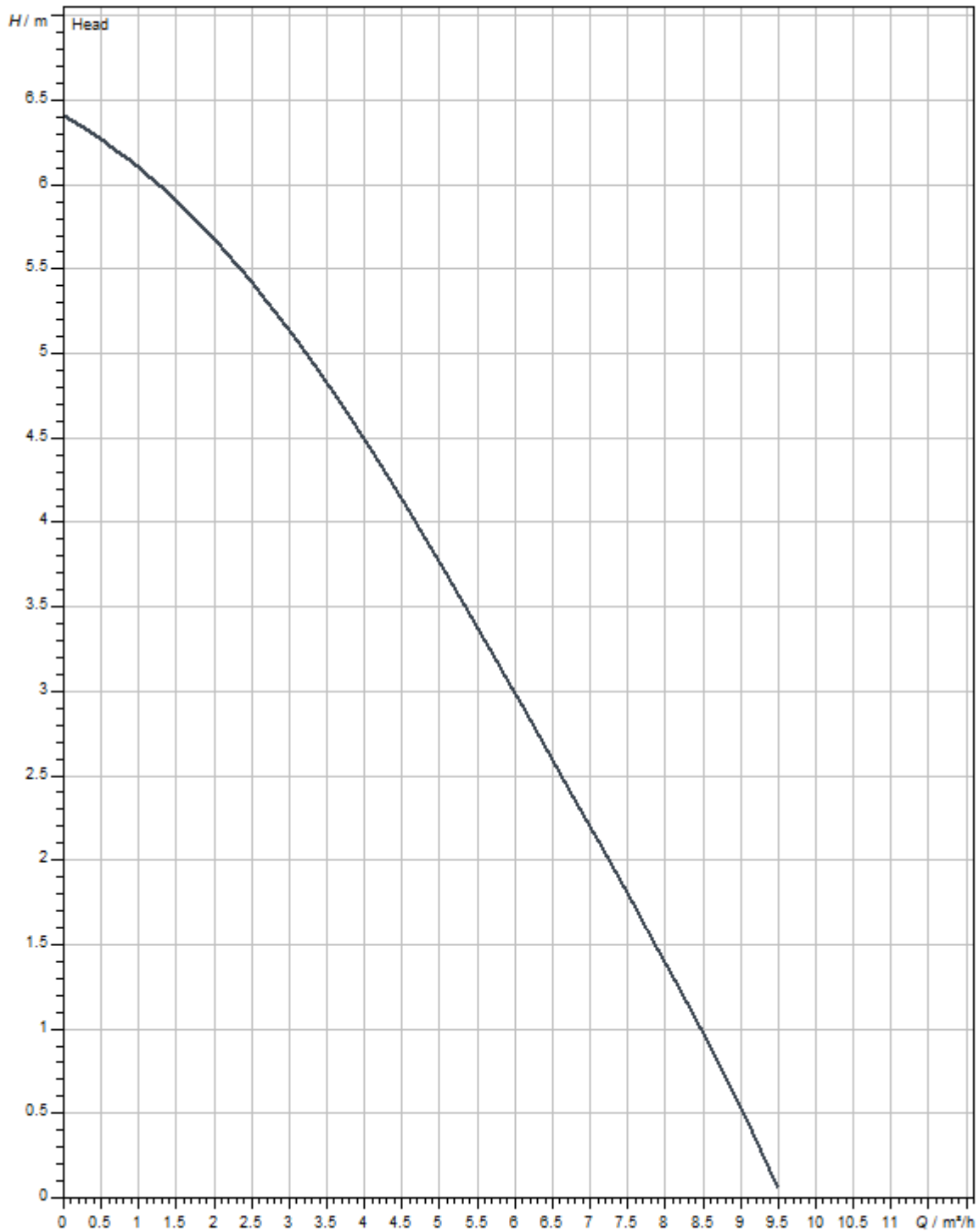
### Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

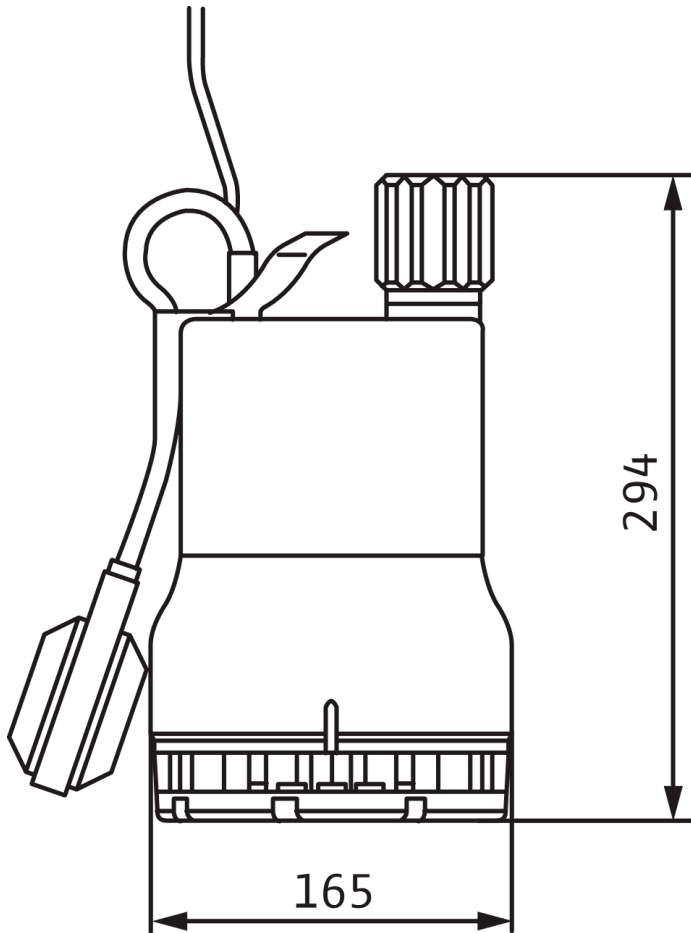
Pipe connection on the pressure side $DNd$	G 1¼
--	------

### Pump curves



Dimensions and dimensions drawings

Wilo-Drain TM 32





## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	1 m
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,98
Rated power $P_2$	0,37 kW
Power consumption $P_{1 \max}$	450 W
Rated current $I_N$	2,1 A
Starting current $I$	4,8 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	4 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

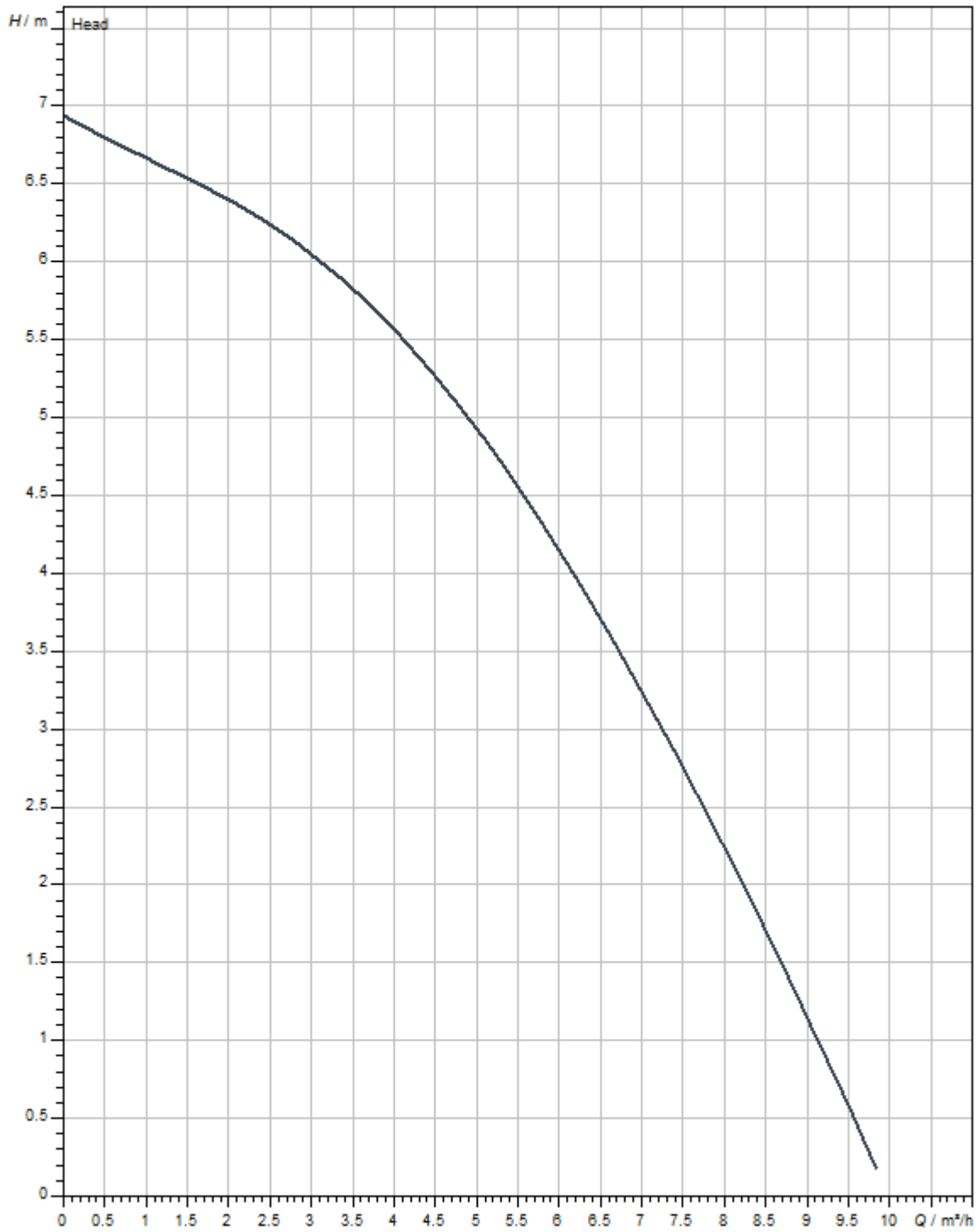
### Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

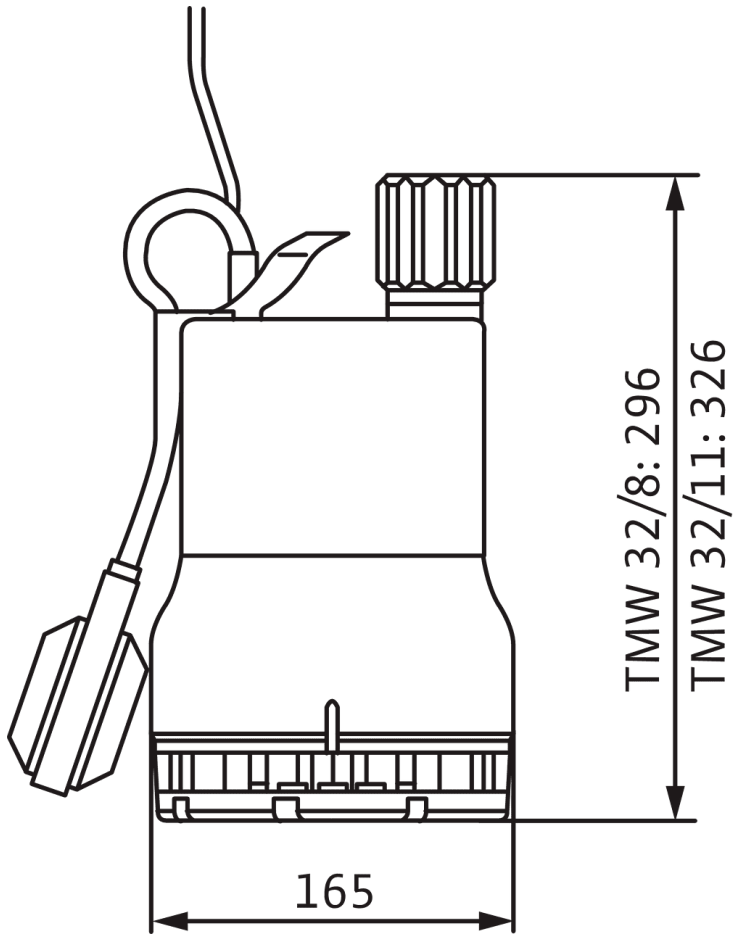
Pipe connection on the pressure side $DNd$	G 1¼
--	------

Pump curves



Dimensions and dimensions drawings

Wilo-Drain TMW 32



## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	1 m
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,93
Rated power $P_2$	0,55 kW
Power consumption $P_1 \text{ max}$	750 W
Rated current $I_N$	3,6 A
Starting current $I$	9,8 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	4 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

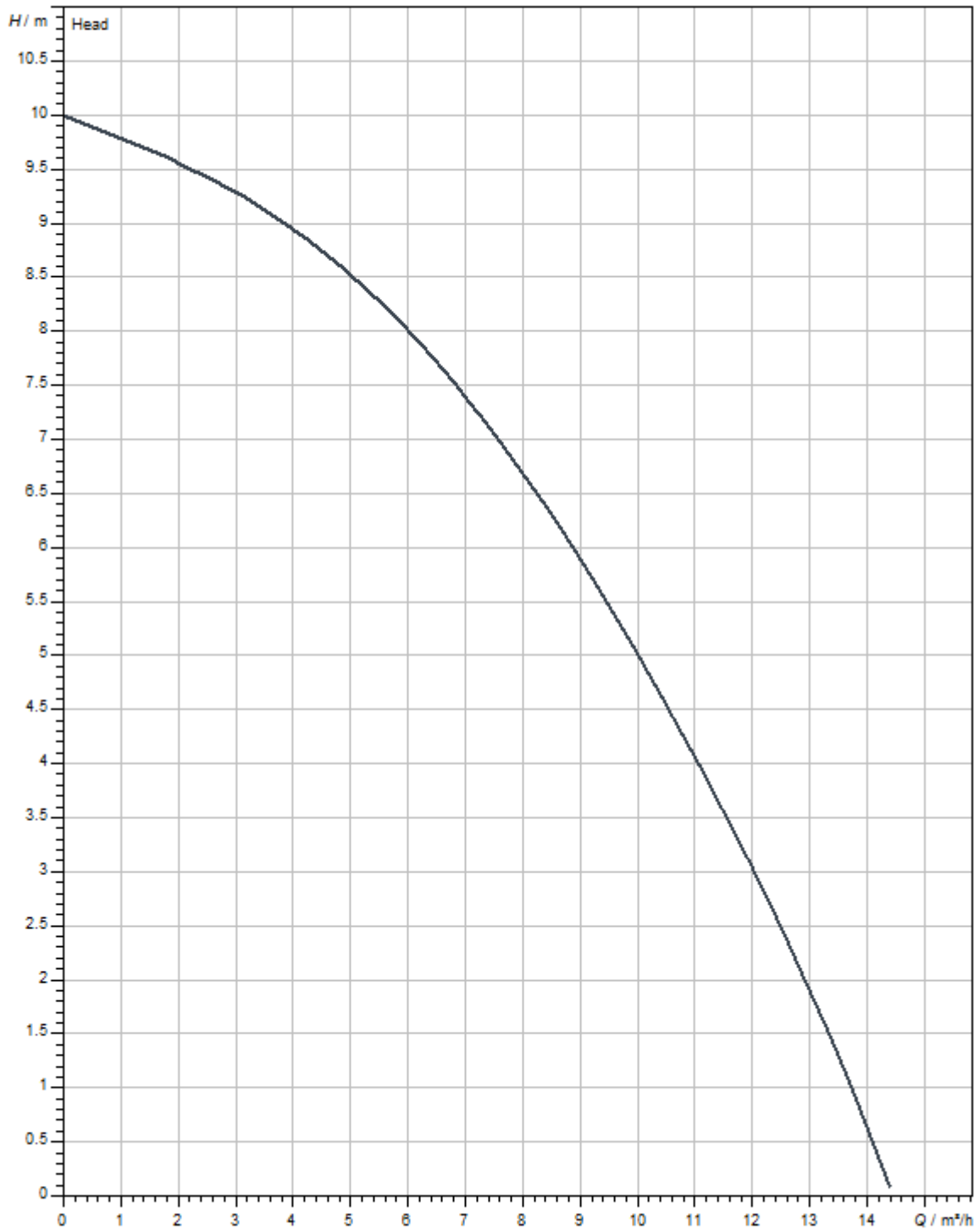
### Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

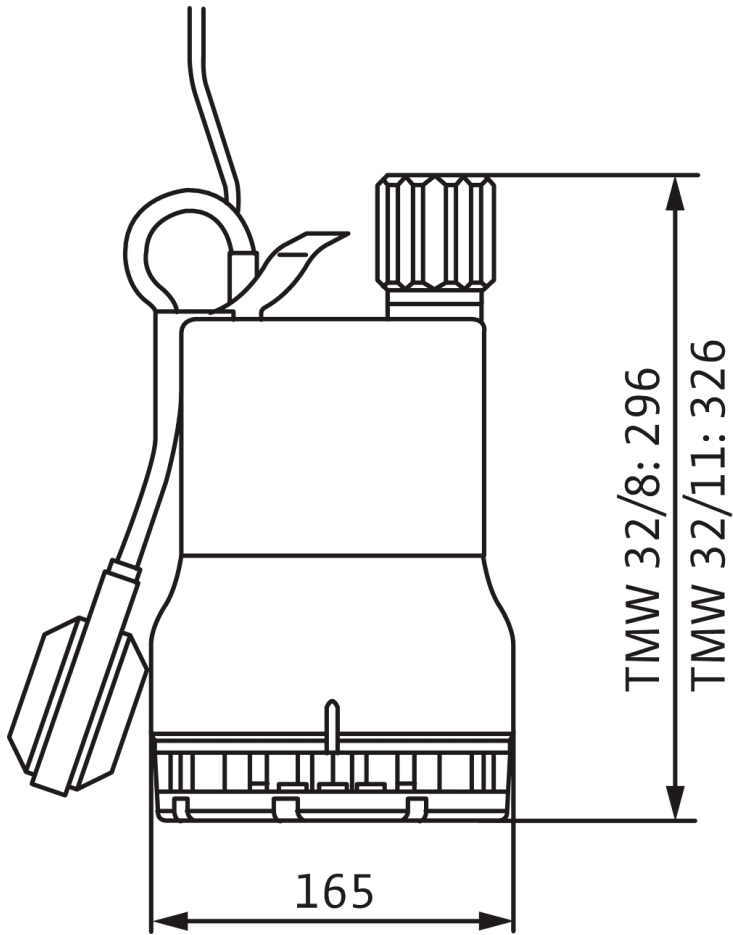
Pipe connection on the pressure side $DNd$	G 1¼
--	------

### Pump curves



Dimensions and dimensions drawings

Wilo-Drain TMW 32



## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	3 m
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,93
Rated power $P_2$	0,55 kW
Power consumption $P_1 \text{ max}$	750 W
Rated current $I_N$	3,6 A
Starting current $I$	9,8 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

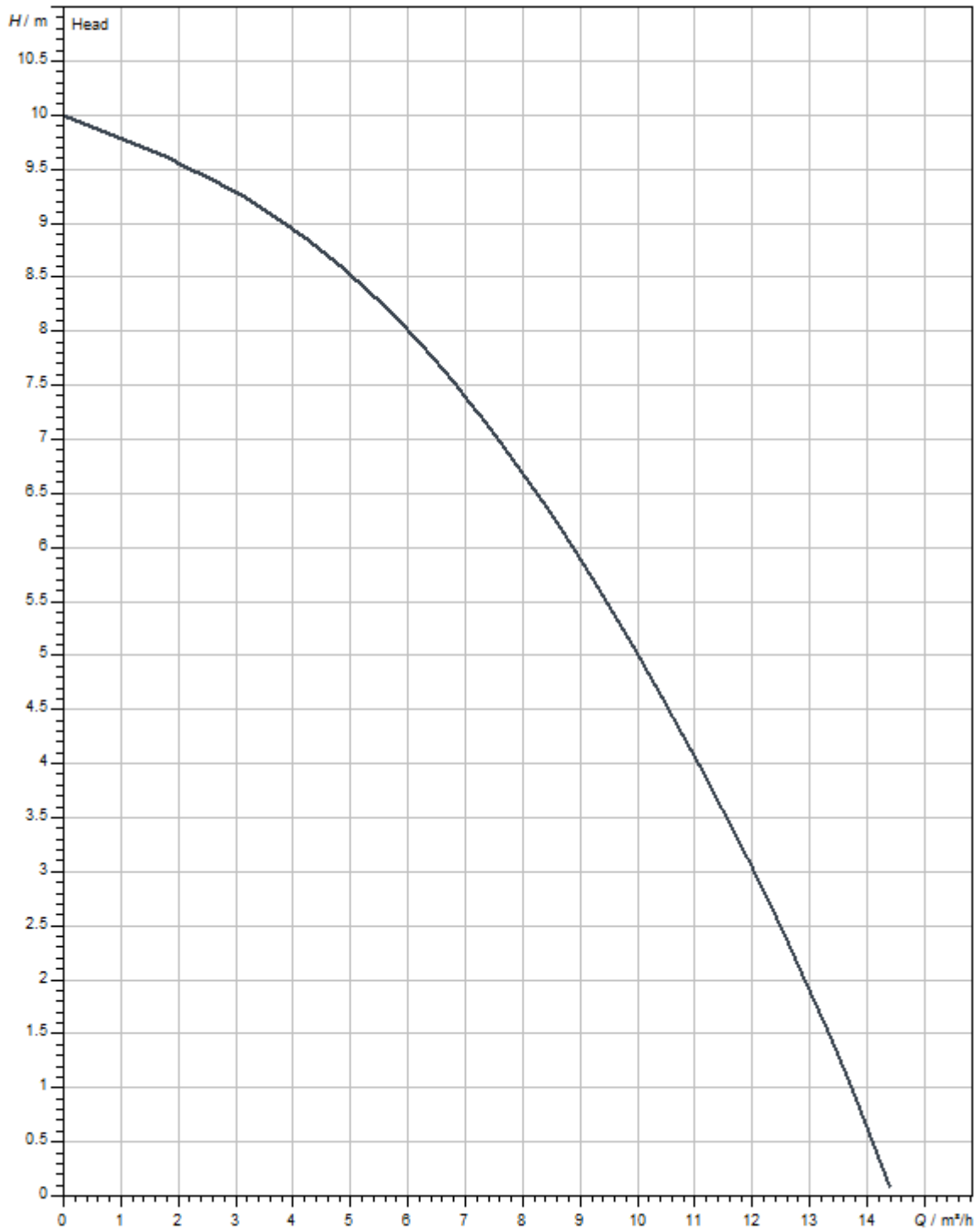
### Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

Pipe connection on the pressure side $DNd$	G 1¼
--	------

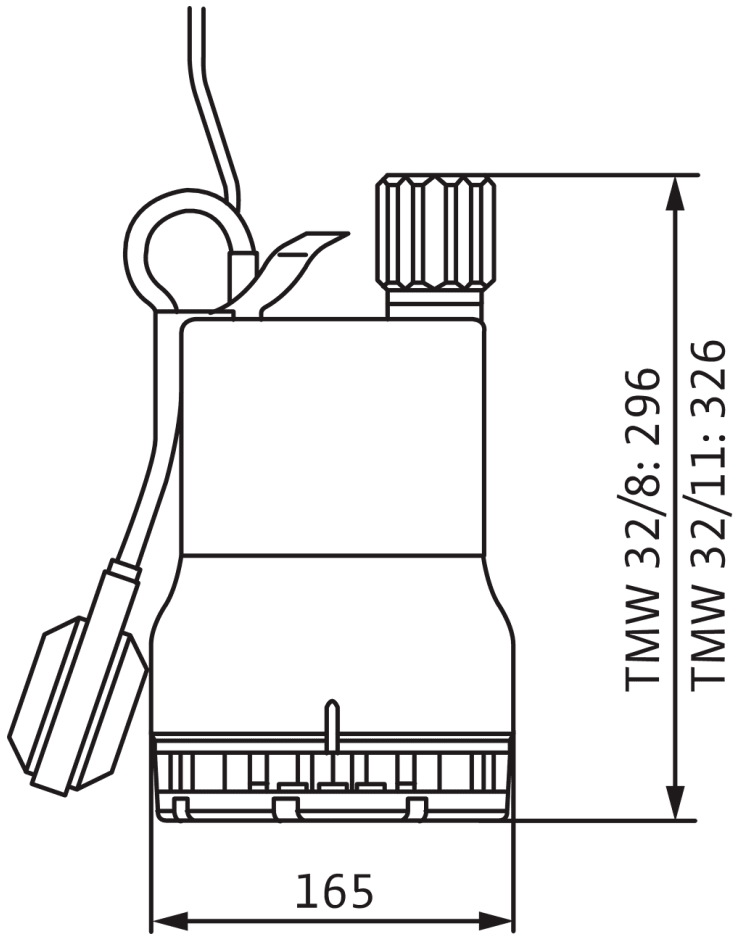
Pump curves





Dimensions and dimensions drawings

Wilo-Drain TMW 32



## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	3 m
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,98
Rated power $P_2$	0,37 kW
Power consumption $P_{1 \max}$	450 W
Rated current $I_N$	2,1 A
Starting current $I$	4,8 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

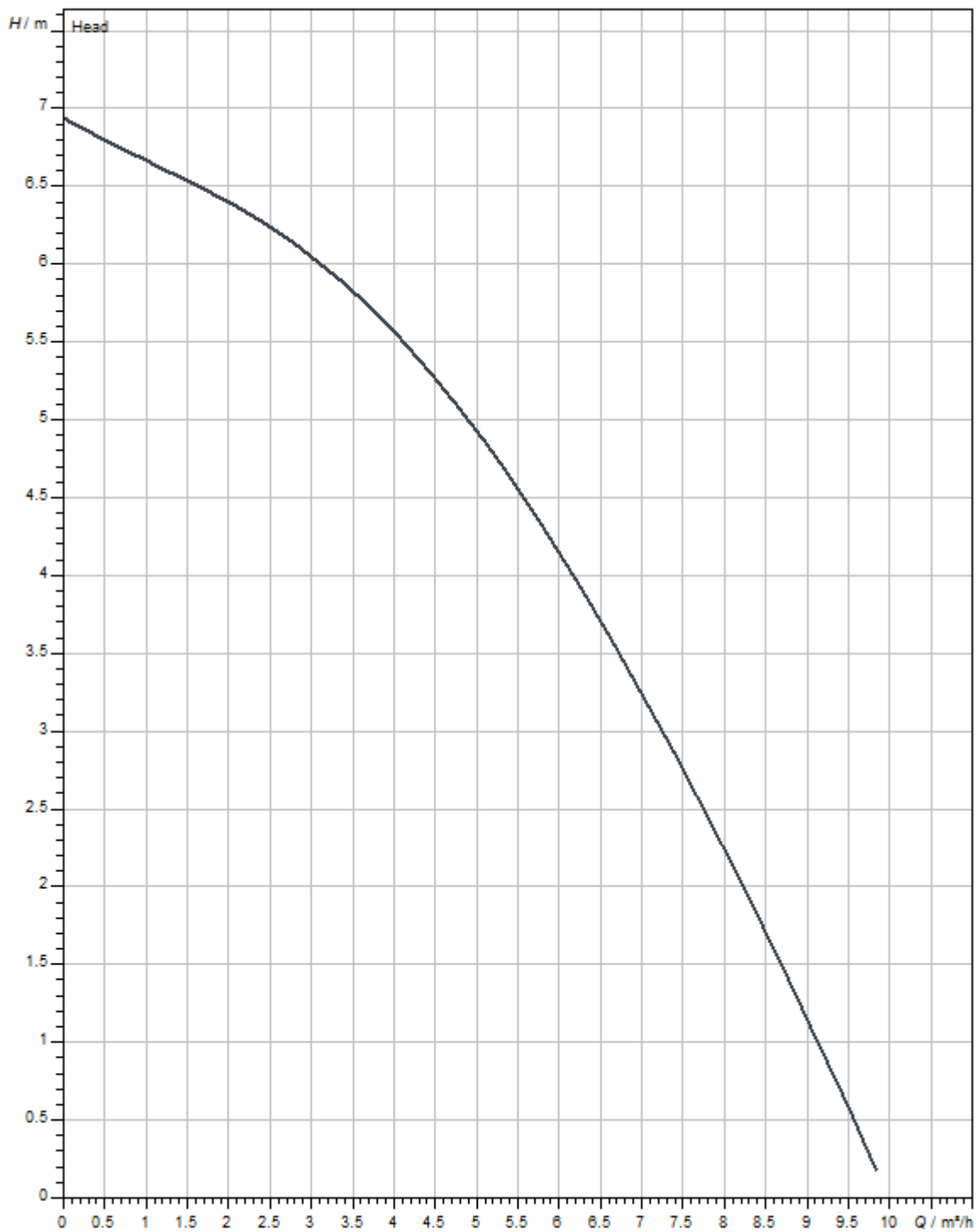
### Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

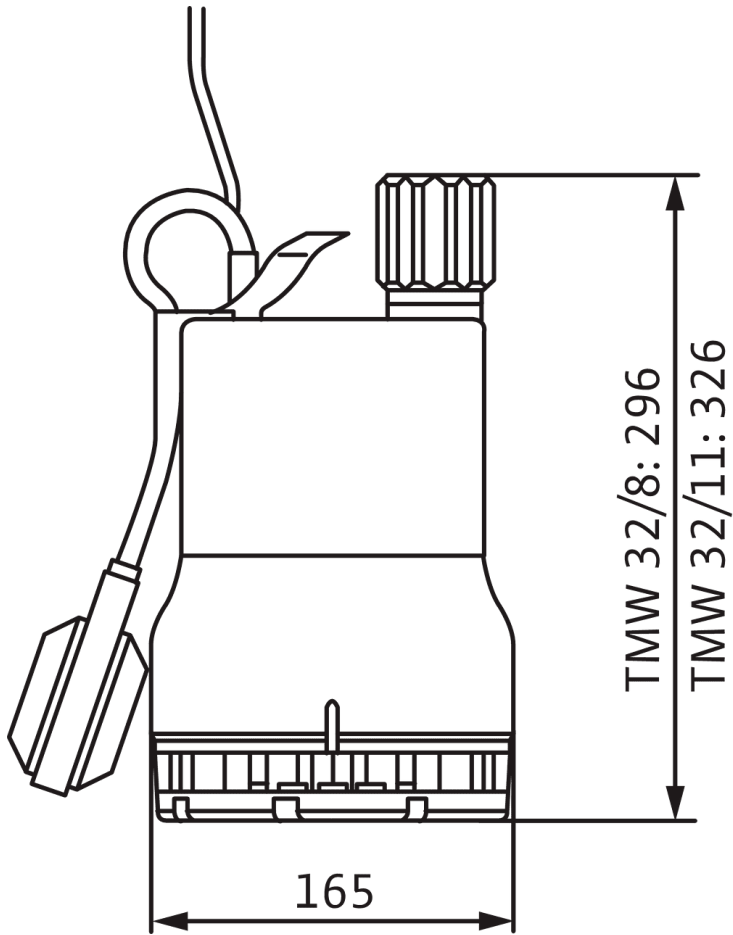
Pipe connection on the pressure side $DNd$	G 1¼
--	------

### Pump curves



Dimensions and dimensions drawings

Wilo-Drain TMW 32



## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	3 m
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,93
Rated power $P_2$	0,55 kW
Power consumption $P_1 \text{ max}$	750 W
Rated current $I_N$	3,6 A
Starting current $I$	9,8 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

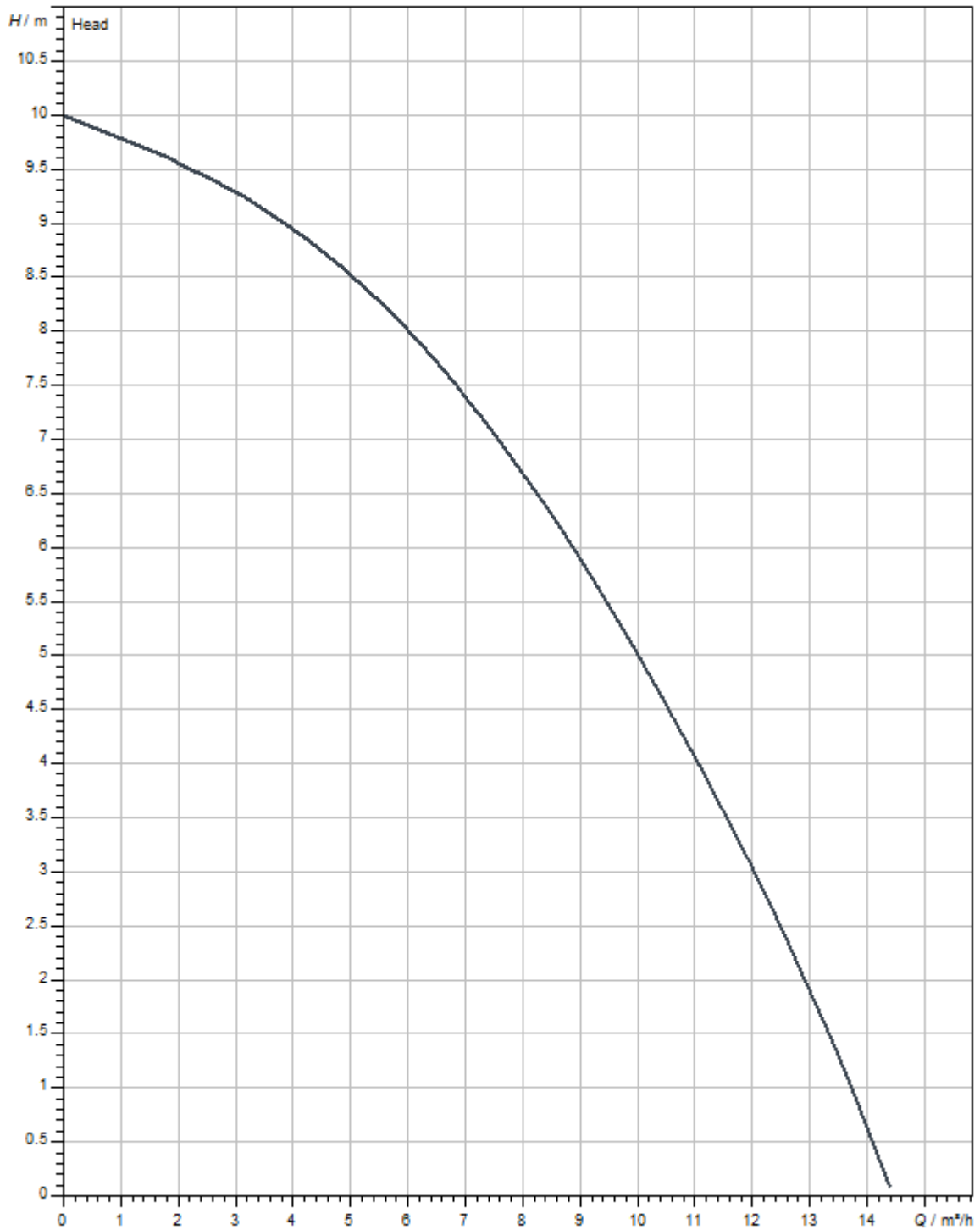
### Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

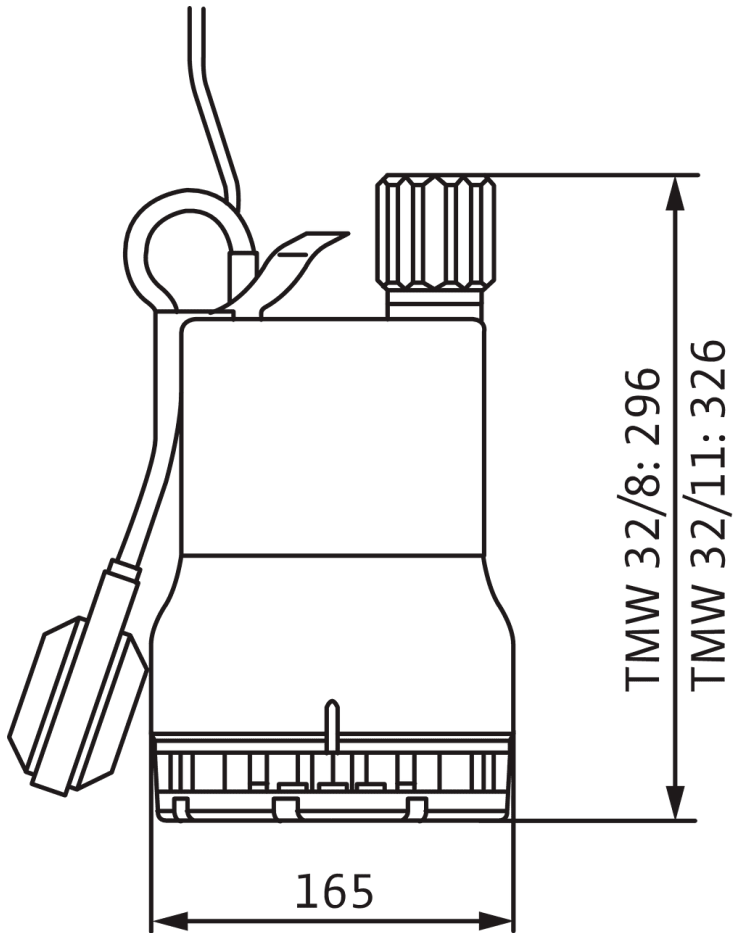
Pipe connection on the pressure side $DNd$	G 1¼
--	------

### Pump curves



Dimensions and dimensions drawings

Wilo-Drain TMW 32



## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	10 mm
Max. immersion depth	3 m
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,93
Rated power $P_2$	0,55 kW
Power consumption $P_{1 \max}$	750 W
Rated current $I_N$	3,6 A
Starting current $I$	9,8 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	30 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

### Materials

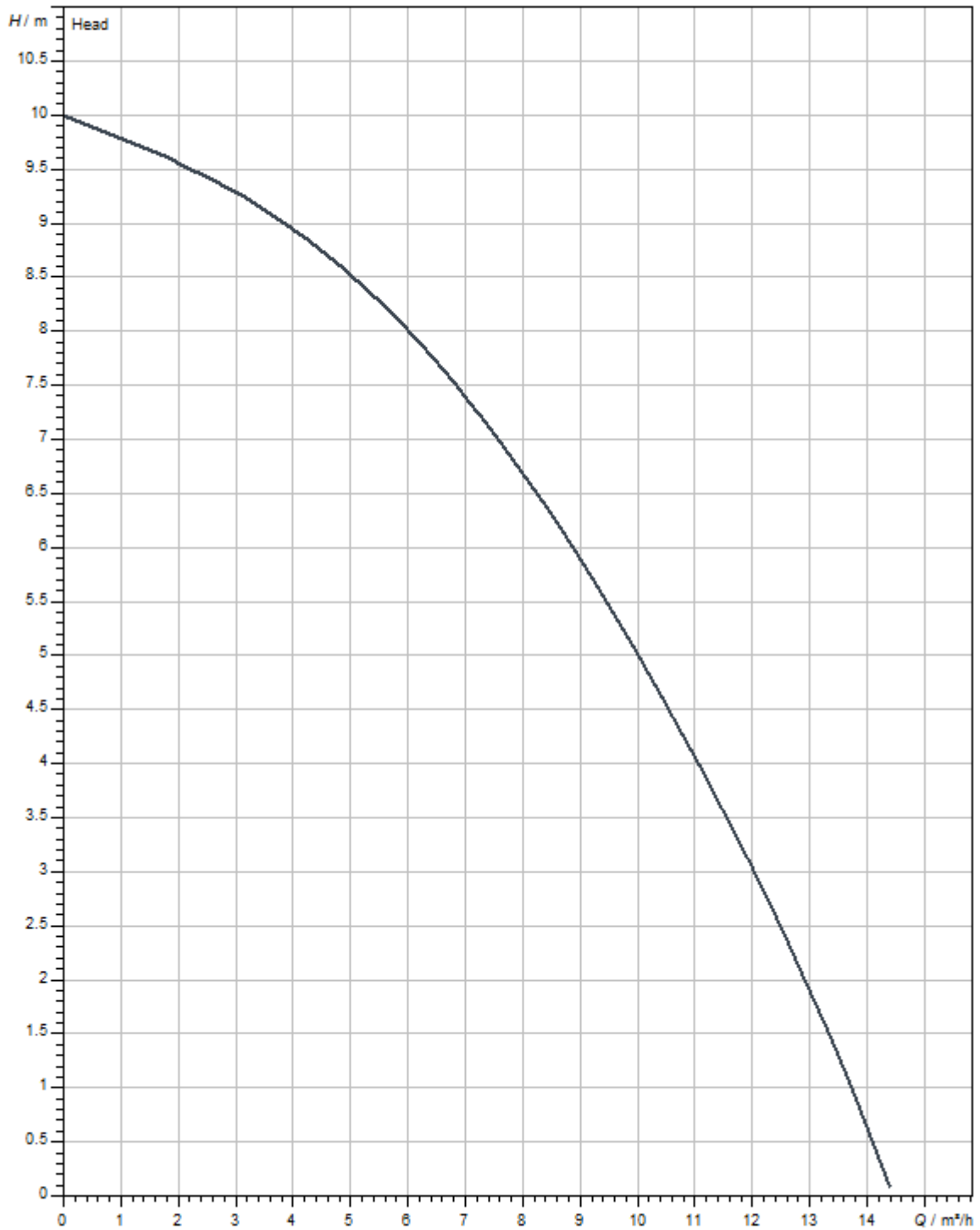
Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

Pipe connection on the pressure side $DNd$	G 1¼
--	------

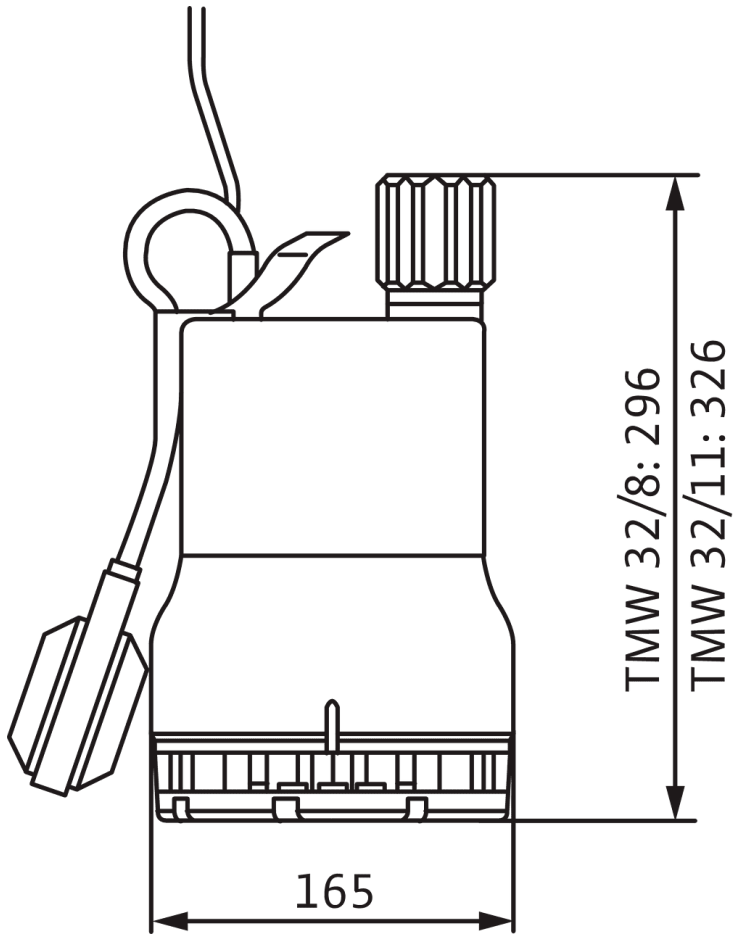


### Pump curves



Dimensions and dimensions drawings

Wilo-Drain TMW 32



## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	2 mm
Max. immersion depth	1 m
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,98
Rated power $P_2$	0,37 kW
Power consumption $P_{1 \max}$	450 W
Rated current $I_N$	1,8 A
Starting current $I$	4,8 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	4 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

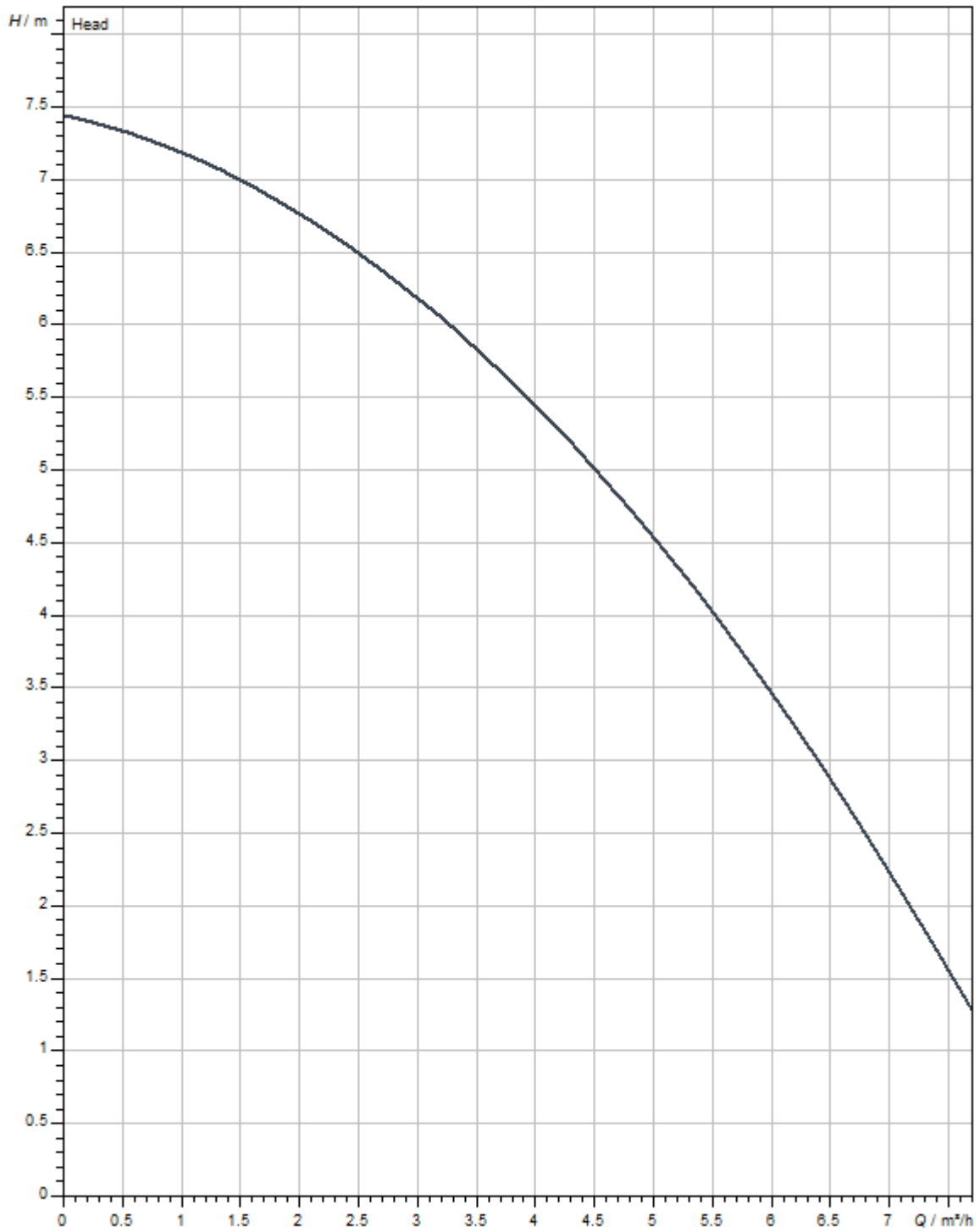
### Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

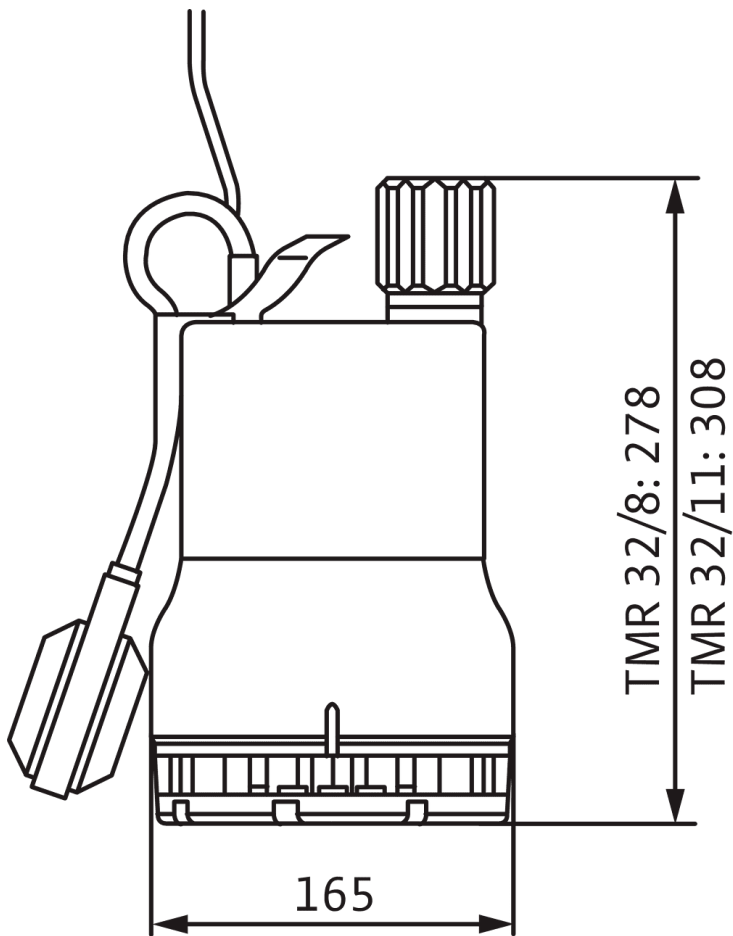
Pipe connection on the pressure side $DNd$	G 1¼
--	------

Pump curves



Dimensions and dimensions drawings

Wilo-Drain TMR 32



## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	2 mm
Max. immersion depth	3 m
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,98
Rated power $P_2$	0,37 kW
Power consumption $P_1 \text{ max}$	450 W
Rated current $I_N$	1,8 A
Starting current $I$	4,8 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	10 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

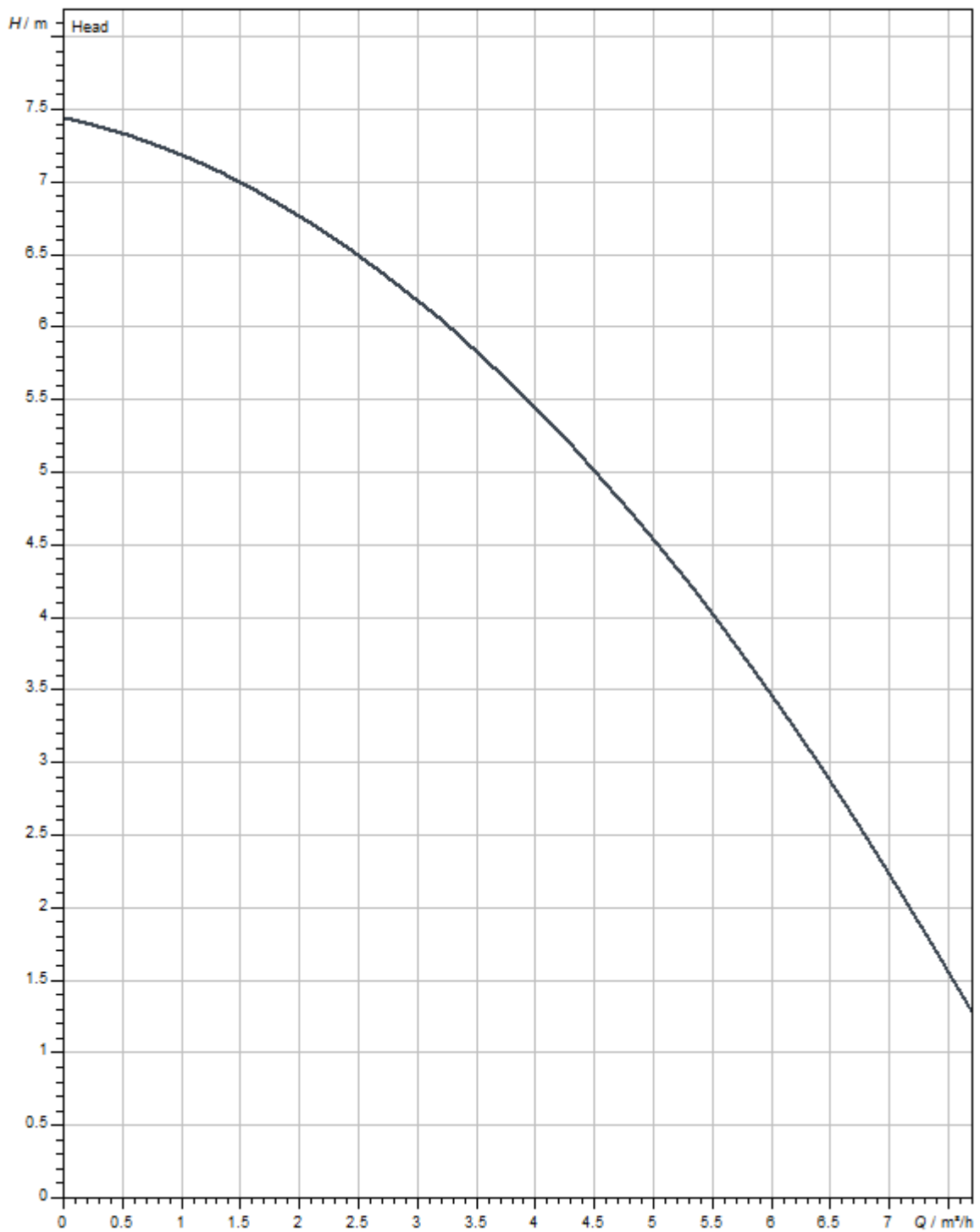
### Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

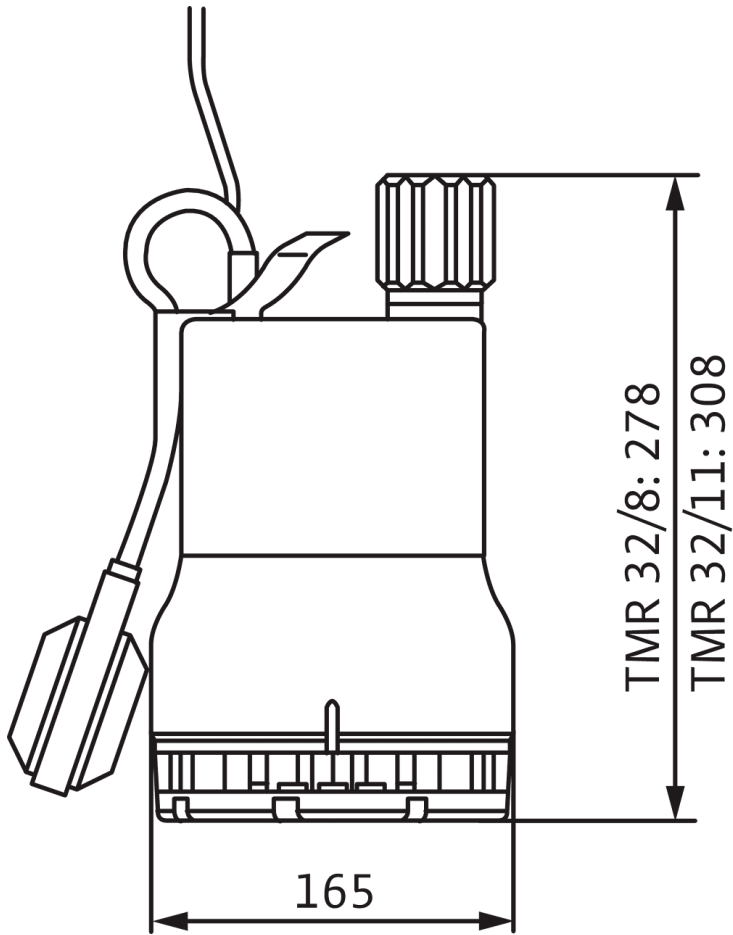
Pipe connection on the pressure side $DNd$	G 1¼
--	------

### Pump curves



Dimensions and dimensions drawings

Wilo-Drain TMR 32





## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	2 mm
Max. immersion depth	1 m
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	35 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	35 °C

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi$	0,93
Rated power $P_2$	0,55 kW
Power consumption $P_{1 \max}$	750 W
Rated current $I_N$	3,2 A
Starting current $I$	9,8 A
Activation type	Direct online (DOL)
Rated speed $n$	2900 1/min
Max. switching frequency $t$	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

### Cable

Connection cable length	4 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	Schuko
Type of connection cable	Non-detachable

### Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetallic

### Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

### Installation dimensions

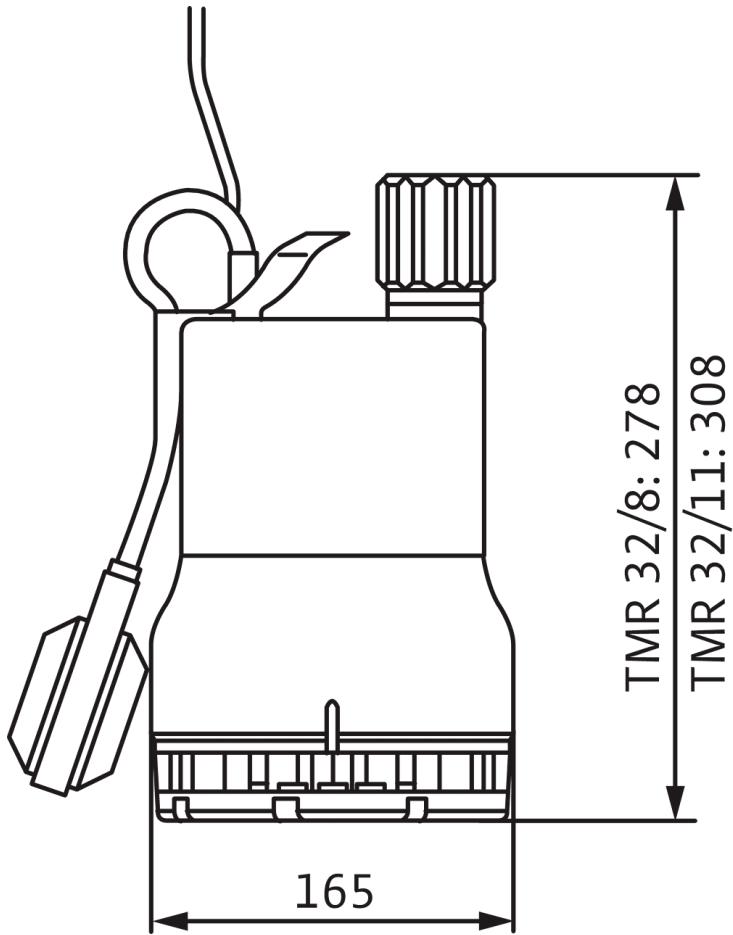
Pipe connection on the pressure side $DNd$	G 1¼
--	------

Pump curves



Dimensions and dimensions drawings

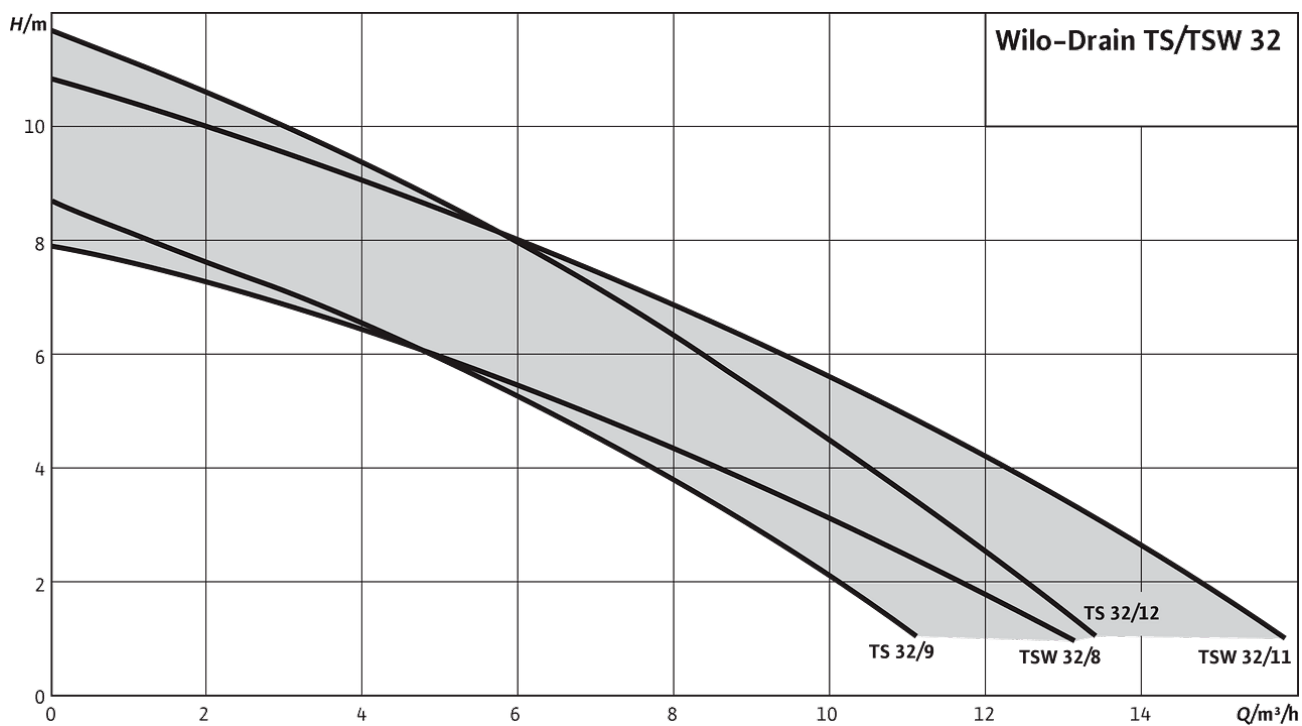
Wilo-Drain TMR 32





## Your advantages

- > User-friendly – lightweight, ready-to-plug version (Plug&Pump)
- > Perfect for mobile applications – features a robust, impact-resistant stainless steel housing
- > Reliable operation – stainless steel-encapsulated motor with sheath flow cooling, mechanical seal and sealing chamber



### Construction

Submersible drainage pump

### Application

Pumping of

- > Sewage without faeces or long-fibre constituents
- > Wastewater

### Equipment/function

- > Connection cable with plug
- > Float switch
- > Self-switching thermal motor monitoring
- > Sheath current cooling

### Scope of delivery

- > Pump with connection cable and plug
- > Attached float switch
- > Non-return valve, supplied
- > Hose connection, enclosed
- > Installation and operating instructions

### Your advantages

- > User-friendly – lightweight, ready-to-plug version (Plug&Pump)
- > Perfect for mobile applications – features a robust, impact-resistant stainless steel housing
- > Reliable operation – stainless steel-encapsulated motor with sheath flow cooling, mechanical seal and sealing chamber

### Construction

Submersible drainage pump

### Application

Pumping of

- > Sewage without faeces or long-fibre constituents
- > Wastewater

### Equipment/function

- > Connection cable with plug
- > Float switch
- > Self-switching thermal motor monitoring
- > Sheath current cooling

### Scope of delivery

- > Pump with connection cable and plug
- > Attached float switch
- > Non-return valve, supplied
- > Hose connection, enclosed
- > Installation and operating instructions

## our advantages

- > Series: reliable, lightweight, ready-to-plug submersible (Plug Pump)
- > Perfect for mobile applications: features a robust, impact-resistant stainless steel housing
- > Reliable operation: stainless steel-encapsulated motor with sheath for cooling, mechanical seal and sealing chamber

## Construction

Submersible rainwater pump

## Application

Pump room

- > Sewage without access or long-fibre constituents
- > Wastewater

## Equipment/function

- > Connection cable with plug
- > Float switch
- > Self-switching thermal motor monitoring
- > Sheath current cooling

## Scope of delivery

- > Pump with connection cable and plug
- > Attached float switch
- > Non-return valve, supplied
- > Hose connection, enclosure
- > Installation and operating instructions

## our advantages

- > 7) 6Å6-) 2( 0-Þ3 0+, 8 ) +, 8Å6) % = Å3 Å4 0+ : ) 67-32 7½ 0+ 91 4%
- > ) 6\*) ' 8) 36) 3 &-0 7/440' % 327 7 7 % 6) 7 7% 63 & 978 Å- 7 4% 8) 7-78/2 8 78% 20 77 7 8 ) 0) 397-2+
- > ) 0% 30 7 34) 6% 32 7 7 3% 20 77 7 8 ) 0 Å ) 2' % 479 0 8 ) ( 7) 383 6) -8 7, ) % 3 7 8; 7 3302+ Å 1 ) ' , % 2- ' % 7 7 ) % 7 2 ( 7 7 ) % 2+ 7 , % 6 & ) 6

## Construction

9&1 ) 67-&0 7 ( 6% 2% +) 7 7 91 4

## Application

91 4-2+ 7 3\*

- > ) ; % +) 7 -8 398 7 % 9 ' ) 7 7 6 7 32+ Å -&6 7 32788) 287
- > % 7 8 ; % 6

## Equipment/function

- > 322) ' 832 7 % 30 7 -8 7 7 0+
- > 03% 7 ; -8 ,
- > ) 0 Å ; -8 , -2+ 7 3 ) 61 % 7 383 6) 32-836-2+
- > , ) % 3 7 966) 28 7 3302+

## Scope of delivery

- > 91 4 7 -8 7 322) ' 832 7 % 30 7 7 2 ( 7 7 0+
- > 88% , ) ( 7 7 03% 7 ; -8 ,
- > 32 Å) 88 62 7 % 8 ) Å 7 7 440) (
- > 37) 7 322) ' 832 Å) 7 7 ( 037) (
- > 278/00 832 7 2 ( 7 34) 6% 82+ 7 27888) ' 8327

## our advantages

- > 7) 6Å6-) 2( 0-Þ3 0+, 8 ) +, 8Å6) % = Å3 Å4 0+ : ) 67-32 7½ 0+ 91 4%
- > ) 6\*) ' 8) 36) 3 &-0 7/440' % 327 7 7 % 6) 7 7% 63 & 97 8 Å- 7 4% 8 Å) 7-7 8/2 8 7 8% 20 77 7 8 ) 0 7 397-2+
- > ) 0% 80 7 34) 6% 32 7 7 8% 20 77 7 8 ) 0 Å ) 2' % 479 0 8 ) ( 7 7 383 6 7 -8 7 7, ) % 8 7 7 8; 7 3302+ Å 1 ) ' , % 2- ' % 7 7 ) % 7 2 ( 7 7 ) % 2+ 7 7, % 6 & ) 6

## Construction

9 & 1 ) 67- & 0 7 7 ( 6% 2% +) 7 7 91 4

## Application

91 4-2+ 7 3\*

- > ) ; % +) 7 7 -8 39 8 7 7 9 ) ' ) 7 7 3 6 7 32+ Å - & 6 ) 7 3278 8 8 ) 2 8 7
- > % 7 8 ; % 8 ) 6

## Equipment/function

- > 322) ' 832 7 7 % 80 7 7 -8 7 7 0+
- > 0 8 % 7 7 ; -8 ,
- > ) 0 Å ; -8 , -2+ 7 3 ) 61 % 7 7 7 383 6 7 7 32-836-2+
- > , ) % 8 7 966) 2 8 7 3302+

## Scope of delivery

- > 91 4 7 7 -8 7 322) ' 832 7 7 % 80 7 7 2 ( 7 7 0+
- > 88% , ) ( 7 7 0 8 % 7 7 ; -8 ,
- > 32 Å) 8 8 6 7 7 % 8 ) Å 7 7 440) (
- > 37) 7 322) ' 832 Å) 7 7 ( 0 8 7 ) (
- > 278/ 0 8 32 7 7 2 ( 7 34) 6% 82+ 7 7 27 8 8 8 ) 8327



## our advantages

- > Series: very light weight, ready-to-plug version (Plug Pump)
- > Perfect for mobile applications: features a robust, impact-resistant stainless steel housing
- > Reliable operation: stainless steel-encapsulated motor with sheath for cooling, mechanical seal and sealing chamber

## Construction

Submersible rainwater pump

## Application

Pumpin

- > Sewage without access or long fibre constituents
- > Wastewater

## Equipment/function

- > Connection cable with plug
- > Float switch
- > Self-switching thermal motor monitoring
- > Sheath current cooling

## Scope of delivery

- > Pump with connection cable and plug
- > Attached float switch
- > Non-return valve, supplied
- > Hose connection, enclosed
- > Installation and operating instructions

## our advantages

- > 7) 6Å6-) 2( 0-Þ3 0+, 8 ) +, 8Å6) % = Å3 Å4 0+ : ) 67-32 7½ 0+ 91 4%
- > ) 6\*) ' 8) 36) 3 &-0 7/440' % 327 7 7 % 6) 7 7% 63 & 978 Å- 7 4% 8) 7-78/2 8 78% 20 77 7 8 ) 0) 397-2+
- > ) 0% 30 7 34) 6% 32 7 7 3% 20 77 7 8 ) 0 Å ) 2' % 479 0 8 ) ( 7) 383 6) -8 7, ) % 3 7 8; 7 3302+ Å 1 ) ' , % 2- ' % 7 7 ) % 7 2 ( 7 7 ) % 2+ 7 , % 6 & ) 6

## Construction

9&1 ) 67-&0 7 ( 6% 2% +) 7 7 91 4

## Application

91 4-2+ 7 3\*

- > ) ; % +) 7 -8 398 7 % 9 ' ) 7 7 6 7 32+ Å -&6 7 32788) 287
- > % 7 8 ; % 6

## Equipment/function

- > 322) ' 832 7 % 30 7 -8 7 7 0+
- > 03% 7 ; -8 ,
- > ) 0 Å ; -8 , -2+ 7 3 ) 61 % 7 383 6) 32-836-2+
- > , ) % 3 7 966) 28 7 3302+

## Scope of delivery

- > 91 4 7 -8 7 322) ' 832 7 % 30 7 7 2 ( 7 7 0+
- > 88% , ) ( 7 7 03% 7 ; -8 ,
- > 32 Å) 882 7 % 8 ) Å 7 7 440) (
- > 37) 7 322) ' 832 Å) 7 7 ( 037) (
- > 278/00832 7 2 ( 7 34) 6% 82+ 7 27888) ' 8327

## our advantages

- > 7) 6Å6-) 2( 0-Þ3 0+, 8 ) +, 8Å6) % = Å3 Å4 0+ : ) 67-32 7½ 0+ 91 4%
- > ) 6\*) ' 8) 36) 3 &-0 7/440' % 327 7 7 % 6) 7 7% 63 & 97 8 Å- 7 4% 8 Å) 7-7 8/2 8 7 8% 20 77 7 8 ) 0 7 397-2+
- > ) 0% 80 7 34) 6% 32 7 7 8% 20 77 7 8 ) 0 Å ) 2' % 479 0 8 ) ( 7 7 383 6 7 -8 7 7, ) % 8 7 7 8; 7 3302+ Å 1 ) ' , % 2- ' % 7 7 ) % 7 2 ( 7 7 ) % 2+ 7 7, % 6 & ) 6

## Construction

9 & 1 ) 67- & 0 7 7 ( 6% 2% +) 7 7 91 4

## Application

91 4-2+ 7 3\*

- > ) ; % +) 7 7 -8 39 8 7 7 9 ) ' ) 7 7 3 6 7 3 2+ Å - & 6 ) 7 3 2 7 8 8 ) 2 8 7
- > % 7 8 ; % 8 ) 6

## Equipment/function

- > 322) ' 832 7 7 % 80 7 7 -8 7 7 0+
- > 0 8 7 7 ; -8 ,
- > ) 0 Å ; -8 , -2+ 7 3 ) 61 % 7 7 7 383 6 7 32-836-2+
- > , ) % 8 7 966) 2 8 7 3302+

## Scope of delivery

- > 91 4 7 7 -8 7 322) ' 832 7 7 % 80 7 7 2 ( 7 7 0+
- > 88% , ) ( 7 7 0 8 7 7 ; -8 ,
- > 32 Å) 8 8 2 7 7 % 8 ) Å 7 7 440) (
- > 37) 7 322) ' 832 Å) 7 7 ( 0 8 7 ) (
- > 278/ 0 8 32 7 7 2 ( 7 34) 6% 8 2+ 7 7 27 8 8 9' 8327

## our advantages

- > Series: very light weight, ready-to-plug version (Plug Pump)
- > Perfect for mobile applications: features a robust, impact-resistant stainless steel housing
- > Reliable operation: stainless steel-encapsulated motor with sheath for cooling, mechanical seal and sealing chamber

## Construction

Submersible rainwater pump

## Application

Pumpin o

- > Sewage without access or long fibre constituents
- > Wastewater

## Equipment/function

- > Connection cable with plug
- > Float switch
- > Self-switching thermal motor monitoring
- > Sheath current cooling

## Scope of delivery

- > Pump with connection cable and plug
- > Attached float switch
- > Non-return valve, supplied
- > Hose connection, enclosed
- > Installation and operating instructions

## our advantages

- > 7) 6Å6-) 2( 0-Þ3 0+, 8 ) +, 8Å6) % = Å3 Å4 0+ : ) 67-32 7½ 0+ 91 4%
- > ) 6\*) ' 8) 36) 3 &-0 7/440' % 327 7 7 % 6) 7 7% 63 & 97 8 Å- 7 4% 8 Å) 7-7 8/2 8 7 8% 20 77 7 8 ) 0 7 397-2+
- > ) 0% 30 7 34) 6% 32 7 7 3% 20 77 7 8 ) 0 Å ) 2' % 479 0 8 ) ( 7 7 383 6 7 -8 7 7, ) % 3 7 7 8; 7 3302+ Å 1 ) ' , % 2- ' % 7 7 ) % 7 2 ( 7 7 ) % 2+ 7 7, % 6 & ) 6

## Construction

9&1 ) 67-&0 7 7 ( 6% 2% +) 7 7 91 4

## Application

91 4-2+ 7 7 \*

- > ) ; % +) 7 7 -8 39 8 7 7 7 ) 7 7 6 7 32+ Å -&6 7 3278 8 2 8 7
- > % 7 8 ; % 6

## Equipment/function

- > 322) ' 832 7 7 % 30 7 7 -8 7 7 0+
- > 0 7 7 7 ; -8 ,
- > ) 0 Å ; -8 , -2+ 7 7 ) 61 7 7 7 383 6 7 32-836-2+
- > , ) % 3 7 7 966 2 8 7 3302+

## Scope of delivery

- > 91 4 7 7 -8 7 322) ' 832 7 7 % 30 7 7 2 ( 7 7 0+
- > 88% , ) ( 7 7 0 7 7 7 ; -8 ,
- > 32 Å) 8 8 2 7 7 % 6 ) Å 7 7 440) (
- > 37) 7 322) ' 832 Å) 7 7 ( 0 7 ) (
- > 278/00 832 7 7 2 ( 7 7 4) 6% 82+ 7 7 27 8 8 8 ' 8327

## our advantages

- > 7) 6Å6-) 2( 0-Þ3 0+, 8 ) +, 8Å6) % = Å3 Å4 0+ : ) 67-32 7½ 0+ 91 4%
- > ) 6\*) ' 8) 36) 3 &-0 7/440' % 327 7 7 % 6) 7 7% 63 & 97 8 Å- 7 4% 8 Å) 7-7 8/2 8 7 8% 20 77 7 8 ) 0 7 397-2+
- > ) 0% 30 7 34) 6% 32 7 7 3% 20 77 7 8 ) 0 Å ) 2' % 479 0 8 ) ( 7 7 383 6 7 -8 7 7, ) % 3 7 7 8; 7 3302+ Å 1 ) ' , % 2- ' % 7 7 ) % 7 2 ( 7 7 ) % 2+ 7 , % 6 & ) 6

## Construction

9&1 ) 67-&0 7 ( 6%2%+ ) 7 7 91 4

## Application

91 4-2+ 7 3\*

- > ) ; %+ ) 7 -8 39 8 7 % 9 ' ) 7 7 3 6 7 32+ Å -&6 ) 7 3278 8 9 ) 2 8 7
- > % 7 8 ; % 6

## Equipment/function

- > 322) ' 832 7 % 30 7 7 -8 7 7 0+
- > 0 7 7 7 ; -8 ,
- > ) 0 Å ; -8 , -2+ 7 3 ) 61 % 7 7 383 6 7 32-836-2+
- > , ) % 3 7 966 ) 2 8 7 3302+

## Scope of delivery

- > 91 4 7 7 -8 7 322) ' 832 7 % 30 7 7 2 ( 7 7 0+
- > 8 8 % , ) ( 7 7 0 7 7 ; -8 ,
- > 32 Å) 8 8 6 7 7 % 6 ) Å 7 7 440) (
- > 37) 7 322) ' 832 Å) 7 7 ( 0 7 ) (
- > 278/00 832 7 2 ( 7 34) 6% 32+ 7 27 8 8 9 ' 8327

## our advantages

- > Series: reliable, lightweight, ready-to-plug submersible (Plug Pump)
- > Perfect for mobile applications: features a robust, impact-resistant stainless steel housing
- > Reliable operation: stainless steel-encapsulated motor with sheath for cooling, mechanical seal and sealing chamber

## Construction

Submersible rainwater pump

## Application

Pumpin o

- > Sewage without access or long-fibre constituents
- > Wastewater

## Equipment/function

- > Connection cable with plug
- > Float switch
- > Selection switch: thermal motor monitoring
- > Sheath current cooling

## Scope of delivery

- > Pump with connection cable and plug
- > Attached float switch
- > Non-return valve, supplied
- > Hose connection, enclosure
- > Installation and operating instructions

## our advantages

- > 7) 6Å6-) 2( 0-Þ3 0+, 8 ) +, 8Å6) % = Å3 Å4 0+ : ) 67-32 7½ 0+ 91 4%
- > ) 6\*) ' 8) 36) 3 &-0 7/440' % 327 7 7 % 6) 7 7% 63 & 97 8 Å- 7 4% 8 Å) 7-7 8/2 8 7 8% 20 77 7 8 ) 0 7 397-2+
- > ) 0% 30 7 34) 6% 32 7 7 3% 20 77 7 8 ) 0 Å ) 2' % 479 0 8 ) ( 7 7 383 6 7 -8 7 7, ) % 3 7 7 8; 7 3302+ Å 1 ) ' , % 2- ' % 7 7 ) % 7 2 ( 7 7 ) % 2+ 7 , % 6 & ) 6

## Construction

9&1 ) 67-&0 7 ( 6%2%+ ) 7 7 91 4

## Application

91 4-2+ 7 3\*

- > ) ; %+ ) 7 -8 39 8 7 % 9 ' ) 7 7 3 6 7 32+ Å -&6 ) 7 3278 8 9 ) 2 8 7
- > % 7 8 ; % 6

## Equipment/function

- > 322) ' 832 7 % 30 7 7 -8 7 7 0+
- > 0 7 7 7 ; -8 ,
- > ) 0 Å ; -8 , -2+ 7 3 ) 61 % 7 7 7 383 6 7 32-836-2+
- > , ) % 3 7 966 ) 2 8 7 3302+

## Scope of delivery

- > 91 4 7 7 -8 7 322) ' 832 7 % 30 7 7 2 ( 7 7 0+
- > 88% , ) ( 7 7 0 7 7 ; -8 ,
- > 32 Å) 8 8 2 7 7 % 8 ) Å 7 7 440) (
- > 37) 7 322) ' 832 Å) 7 7 ( 0 7 ) (
- > 278/00 832 7 2 ( 7 34) 6% 82+ 7 27 8 8 9 ' 8327



## our advantages

- > 7) 6Å6-) 2( 0-Þ3 0+ , 8 ) +, 8Å6) % = Å3 Å4 0+ : ) 67-32 7½ 0+ 91 4%
- > ) 6\*) ' 8) 36) 3 &-0 7/440' % 327 7 7 % 6) 7 7% 63 & 978 Å- 7 4% 8) 7-78/2 8 78% 20 77 7 8 ) 0) 397-2+
- > ) 0% 80 7 34) 6% 32 7 7 8% 20 77 7 8 ) 0 Å ) 2' % 479 0 8 ) ( 7) 383 6) -8 7, ) % 8 7 8; 7 3302+ Å 1 ) ' , % 2- ' % 7 7 ) % 7 2 ( 7 7 ) % 2+ 7 , % 6 & ) 6

## Construction

9 & 1 ) 67- & 0 7 ( 6% 2% + ) 7 7 91 4

## Application

91 4-2+ 7 3\*

- > ) ; % + ) 7 -8 398 7 % 9 ' ) 7 7 3 6) 32+ Å - & 6 ) 7 3278 8 9 ) 2 8 7
- > % 7 8 ; % 8 ) 6

## Equipment/function

- > 322) ' 832 7 % 80 7 -8 7 7 0+
- > 0 8 % 7 ; -8 ,
- > ) 0 Å ; -8 , -2+ 7 3 ) 61 % 7 383 6) 32-836-2+
- > , ) % 8 7 966) 28 7 3302+

## Scope of delivery

- > 91 4 7 -8 7 322) ' 832 7 % 80 7 7 2 ( 7 7 0+
- > 88% , ) ( 7 7 0 8 % 7 ; -8 ,
- > 32 Å ) 8 62 7 % 8 ) Å 7 7 440) (
- > 37) 7 322) ' 832 Å) 7 7 ( 0 7 ) (
- > 278/00 832 7 2 ( 7 34) 6% 82+ 7 27889' 8327