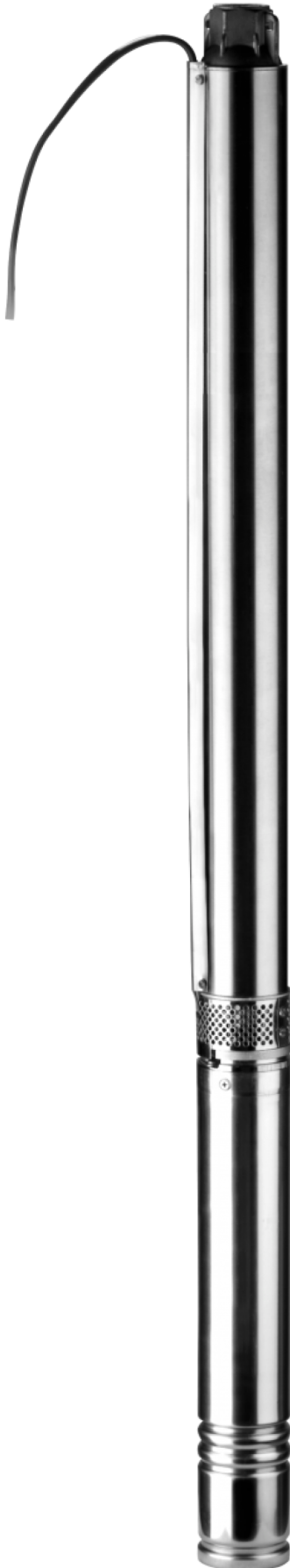
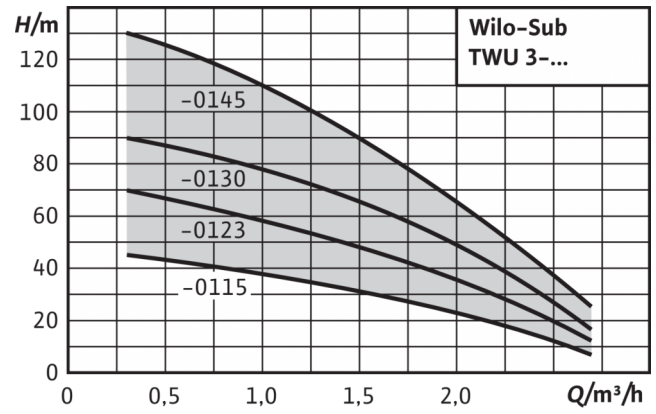


Series description: Wilo-Sub TWU 3

Wilo-Sub TWU 3



Sub TWU 3



Series description: Wilo-Sub TWU 3

Design type

Multistage 3" submersible pump in jacketed construction for vertical or horizontal installation

Application

- For private water supply from boreholes, wells and rainwater storage tanks
- For domestic water supply, sprinkling and irrigation
- For pumping water without long-fibre and abrasive constituents

Equipment/function

- Multistage submersible-motor pump with radial impellers
- Integrated non-return valve
- NEMA coupling
- Single-phase or three-phase AC motor
- Integrated thermal motor protection for single-phase motor

Scope of delivery

- Hydraulics + motor fully assembled
- 1.8 m connecting cable approved for drinking water (cross-section: 4x1.5 mm²)
- Single-phase version including switchbox with capacitor, thermal motor protection and On/Off switch
- Installation and operating instructions

Type key

e.g.	Wilo-Sub TWU 3-0115
TWU	Submersible pump
3	Diameter of the hydraulic unit in inches ["]
01	Nominal volume flow [m ³ /h]
15	Number of hydraulic stages

Technical data

- Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz
- Immersed operating mode: S1
- Fluid temperature: 3-35 °C
- Minimum flow rate at motor: 0.08 m/s
- Max. sand content: 50 g/m³
- Max. number of starts: 30 /h
- Max. immersion depth: 150 m
- Protection class: IP 58
- Pressure connection: Rp 1

Materials

- Hydraulic housing: 1.4301 stainless steel
- Impellers: polycarbonate
- Hydraulics shaft: 1.4104 stainless steel
- Motor housing: 1.4301 stainless steel
- Motor shaft: 1.4305 stainless steel

Description/construction

Submersible-motor pump for vertical or horizontal installation.

Hydraulics

Multistage submersible-motor pump with radial impellers with sectional construction. Integrated non-return valve. All parts in contact with the fluid are made of corrosion-free materials.

Motor

Corrosion-free single-phase or three-phase motor for direct starting, with rewindable motor, oil-filled, self-lubricating bearing.

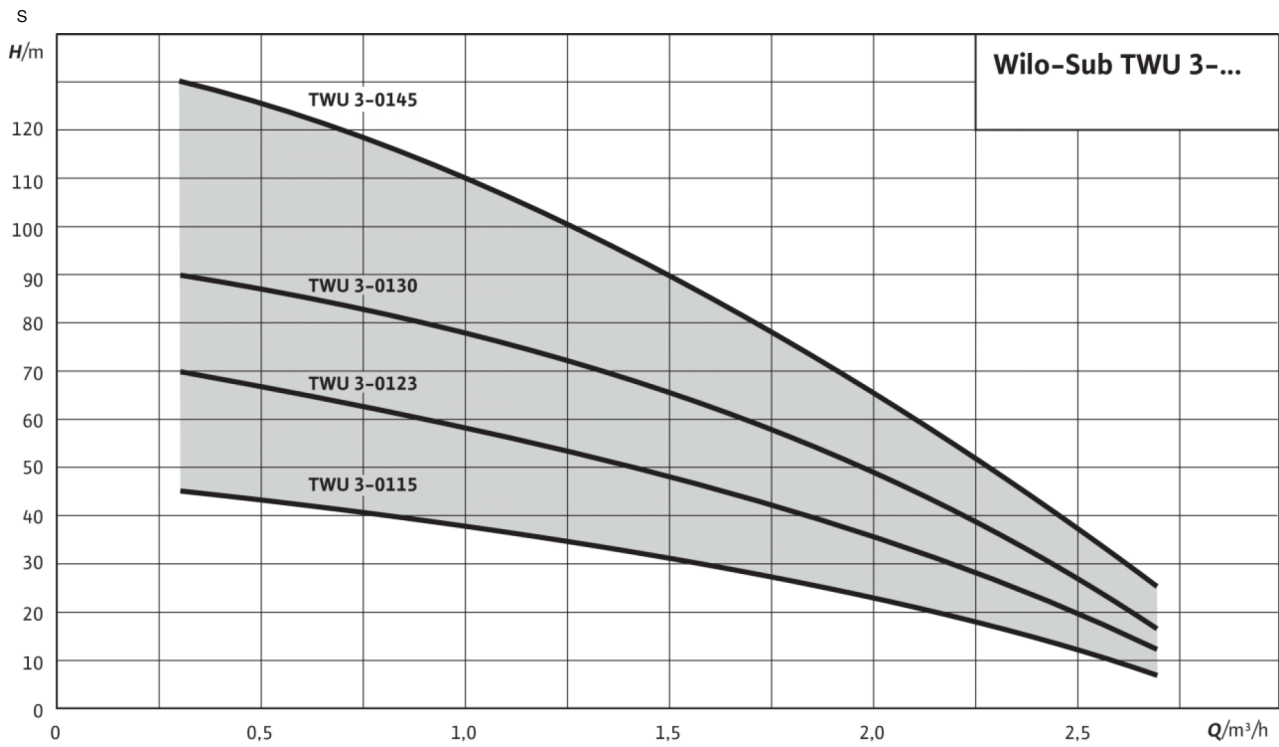
Cooling

The motor is cooled by the fluid. The motor must always be operated in submerged state. The limit values for the max. fluid temperature and the minimum flow rate must not be exceeded. Vertical installation is possible optionally with or without cooling jacket. Cooling jacket is required for horizontal installation.

Special features/product advantages

- Parts that come in contact with fluids are corrosion-free
- Integrated non-return valve
- Maintenance-friendly, rewindable motor

Duty chart: Wilo-Sub TWU 3



Product list: Wilo-Sub TWU 3

Product description	Mains connection	Motor diameter \varnothing	Max. volume flow Q	Max. delivery head H	Rated power P_2	Gross weight, approx. m	Article number
Sub TWU 3-0145 (3~400 V, 50 Hz)	3~400 V, 50 Hz	76.2 mm	2.6 m ³ /h	130 m	1.10 kW	15.4 kg	4090895
Sub TWU 3-0130 (3~400 V, 50 Hz)	3~400 V, 50 Hz	76.2 mm	2.6 m ³ /h	88 m	0.75 kW	13.0 kg	4090894
Sub TWU 3-0123 (3~400 V, 50 Hz)	3~400 V, 50 Hz	76.2 mm	2.6 m ³ /h	67 m	0.55 kW	11.5 kg	4090893
Sub TWU 3-0115 (3~400 V, 50 Hz)	3~400 V, 50 Hz	76.2 mm	2.6 m ³ /h	45 m	0.37 kW	10.3 kg	4090892
Sub TWU 3-0130 (1~230 V, 50 Hz)	1~230 V, 50 Hz	76.2 mm	2.6 m ³ /h	88 m	0.75 kW	13.4 kg	4090891
Sub TWU 3-0123 (1~230 V, 50 Hz)	1~230 V, 50 Hz	76.2 mm	2.6 m ³ /h	67 m	0.55 kW	11.8 kg	4090890
Sub TWU 3-0115 (1~230 V, 50 Hz)	1~230 V, 50 Hz	76.2 mm	2.6 m ³ /h	45 m	0.37 kW	10.3 kg	4090889