



Product range	Submersible pumps	Submersible pumps	Submersible pump system
Series	Wilo-Sub TWU 3 Wilo-Sub TWU 3-...-HS	Wilo-Sub TWU 4 ... Wilo-Sub TWU 4 ...-QC Wilo-Sub TWU 4 ...-GT	Wilo-Sub TWU 3 ... Plug & Pump Wilo-Sub TWU 4 ... Plug & Pump
Field of application	Rainwater utilisation, raw water intake	Rainwater utilisation, raw water intake	Rainwater utilisation, raw water intake
Duty chart			
Design	Submersible pump, multistage	Submersible pump, multistage	Water-supply unit with submersible pump, control and complete accessories
Application	Water supply from boreholes, wells and rainwater storage tanks; domestic water supply, sprinkling and irrigation; pumping of water without long-fibre or abrasive components	Water supply from boreholes, wells and rainwater storage tanks; sprinkling, irrigation and pressure boosting; lowering the ground water level; pumping of water without long-fibre or abrasive components; geothermal applications	Water supply system for water supply from boreholes, wells and rainwater storage tanks; domestic water supply, sprinkling and irrigation; pumping of water without long-fibre or abrasive components
Volume flow Q max.	6.5 m³/h	22 m³/h	6 m³/h
Delivery head H max.	130 m	322 m	88 m
Technical data	<ul style="list-style-type: none"> → Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz → 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 → Pressure connection: Rp 1 	<ul style="list-style-type: none"> → Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz → Fluid temperature: 3-30 °C → Minimum flow rate at motor: 0.08 m/s → Max. sand content: 50 g/m³ → Up to 20 starts per hour → Max. immersion depth: 200 m → Minimum efficiency index MEI: up to ≥ 0.7 	<ul style="list-style-type: none"> → Mains connection: 1~230 V, 50 Hz → Fluid temperature: 3-30 °C → Minimum flow rate at motor: 0.08 m/s → Max. sand content: 50 g/m³ → Up to 20 starts per hour → Max. immersion depth: <ul style="list-style-type: none"> - TWU 3- ... : 150 m - TWU 4- ... : 200 m → Minimum efficiency index MEI: ≥ 0.7 (for the series TWU 4)
Equipment/function	<ul style="list-style-type: none"> → Multistage submersible pump with radial impellers → Integrated non-return valve → NEMA coupling → Single-phase or three-phase AC motor → Thermal motor protection for single-phase motor → HS variant including external or internal frequency converter 	<ul style="list-style-type: none"> → Multistage submersible pump with radial or semi-axial impellers → Integrated non-return valve → NEMA coupling → Single-phase or three-phase AC motor → Integrated thermal motor protection for single-phase motor → Hermetically sealed motors 	<ul style="list-style-type: none"> → Multistage submersible pump with radial impellers → Integrated non-return valve → NEMA coupling → Single-phase AC motor → Integrated thermal motor protection → Dry-running protection (only for TWU 4- ... -P&P with Wilo-Sub-I package)
Special features	<ul style="list-style-type: none"> → Parts in contact with the fluid are corrosion-resistant → Integrated non-return valve → Supply security with constant pressure thanks to extended pump performance due to a higher speed of up to 8,400 rpm (TWU 3/HS) → Frequency converter with integrated and menu-guided control (TWU 3/HS) 	<ul style="list-style-type: none"> → Parts in contact with the fluid are corrosion-resistant → Integrated non-return valve → Low wear due to floating impellers → Maintenance-friendly motor 	<ul style="list-style-type: none"> → Easy installation thanks to pre-mounted and pre-wired components → Parts in contact with the fluid are corrosion-resistant → Integrated non-return valve
Information	<p>Online catalogue: productfinder.wilo.com Building Services catalogue: Water supply</p>	<p>Online catalogue: productfinder.wilo.com Building Services catalogue: Water supply</p>	<p>Online catalogue: productfinder.wilo.com Building Services catalogue: Water supply</p>