

Pioneering for You

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Product Catalogue

Wilo–Rexa Series

Solution for Submersible Drainage, Sewage & Industrial Applications



**“Top quality in
standard applications”**



Wilo – Submersible Pump

GOING #BEYOND PUMPS



Wilo offers professional solutions for complex requirements in drinking water extraction, water purification, water pumping and sewage disposal.

Wilo pumps and systems for water management continue to set new standards with regard to performance, efficiency and sustainability.

Wilo has developed special pumps and components for water purification systems that are also capable of handling a variety of water compositions and degrees of hardness. Our high-performance solutions for our partners and users are designed to transport water as far and as efficiently as possible.

Sewage and Drainage Pumps



Wilo-Rexa MINI3

Wastewater collection and transport, dewatering/flood control.

- Mains connection: 1~ 230 V, 50 Hz or 3~ 400 V, 50 Hz
- Protection class: IP68
- Insulation class: F
- Fluid temperature: 3 ... 40 °C
- Free ball passage: 40 mm

Pump Housing : grey cast iron
 Impeller : composite
 Motor Housing : stainless steel
 Seal : SiC/SiC
 Static Seal : NBR

- High efficiency and operational reliability
- Easy installation – even in narrow drainage pits, compact design with integrated condenser and threaded flange
- Reliable use in a variety of drainage applications thanks to the corrosion-free impeller and sealed cable inlet
- Longer maintenance intervals thanks to the high-volume sealing chamber and double seal
- Quick maintenance facilitated by direct access to the sealing chamber and pump housing



Wilo-Rexa UNI

Wastewater collection and transport, dewatering/flood control.

- Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz
- Protection class: IP68
- Insulation class: F
- Fluid temperature: 3 – 40 °C, max. 60 °C for 3 min
- Free passage: 44 mm
- Cable length: 10 m

Pump Housing : copolymer (PP-GF30)
 Impeller : copolymer (PP-GF30)
 Motor Housing : stainless steel
 Seal : SiC/SiC
 Static Seal : NBR

- Excellent reliability due to corrosion-free hydraulics for universal application and various fluids
- Easy installation thanks to its light weight, integrated capacitor at the single-phase motor and flange with integrated fixation
- Optimum efficiency and operational safety thanks to its vortex hydraulics and smooth surfaces
- Quick maintenance facilitated by direct access to the sealing chamber and pump housing
- Long maintenance interval thanks to its double seal



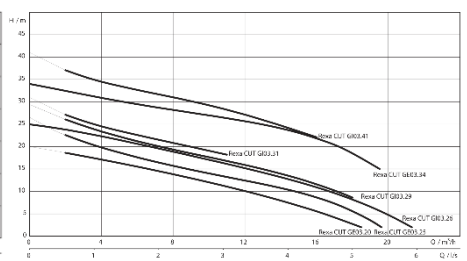
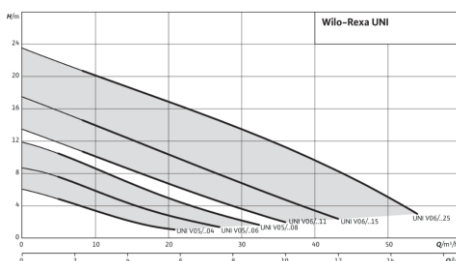
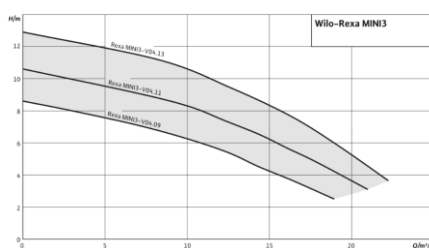
Wilo-Rexa CUT

Wastewater collection and transport.

- Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz
- Protection class: IP68
- Insulation class: F
- Fluid temperature: 3...40 °C, max. 60 °C for 3 min
- Max. immersion depth: 20 m
- Cable length: 10 m

Pump Housing : cast iron
 Impeller : cast iron
 Motor Housing : stainless steel / cast iron
 Seal : SiC/SiC
 Static Seal : NBR

- Especially reliable due to ATEX approval and longitudinally watertight cable inlet (CUT GE...)
- Excellent operational reliability due to spherically formed macerator with pulling cut
- Long service life through a high-quality motor seal with two independent mechanical seals and optional pencil electrode for sealing chamber control



Sewage and Drainage Pumps



Wilo-Rexa FIT

Wastewater collection and transport, wastewater treatment, dewatering.

- Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz
- Protection class: IP68
- Insulation class: F
- Fluid temperature: 3 – 40 °C, max. 60 °C for 3 min
- Free passage: 50 / 65 / 80 mm
- Cable length: 10 m

Pump Housing : cast iron
 Impeller : cast iron
 Motor Housing : stainless steel
 Seal : SiC/SiC
 Static Seal : NBR

- Ready-to-plug and immediately ready to go (A and P version)
- Attached float switch (A-model) enables easy operation
- Safe vortex hydraulics with large, free ball passage to prevent clogging during operation
- Sealing chamber with optional external monitoring
- Lightweight



Wilo-Rexa PRO

Wastewater collection and transport, wastewater treatment, dewatering.

- Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz
- Protection class: IP68
- Insulation class: F, optionally H
- Fluid temperature: 3...40 °C, max. 60 °C for 3 min
- Max. immersion depth: 20 m
- Cable length: 10 m

Pump Housing : cast iron
 Impeller : cast iron / ductile cast iron
 Motor Housing : cast iron
 Seal : SiC/SiC
 Static Seal : NBR

- Highly efficient thanks to efficiency-optimised, single-channel impellers
- Reliable operation due to clogging-free vortex impellers.
- Tested safety. Ex-rated in accordance with ATEX as standard
- Energy-efficient IE3 motor technology available as an option



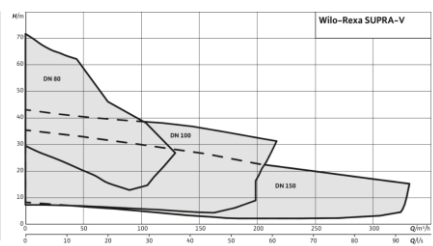
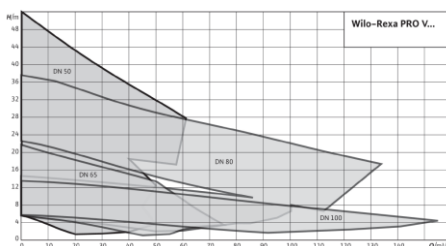
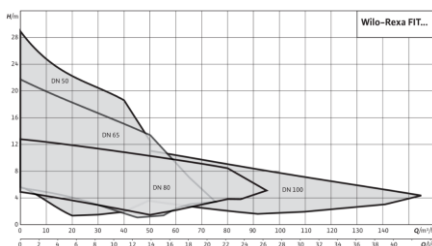
Wilo-Rexa SUPRA-V

Wastewater collection and transport, wastewater treatment, dewatering.

- Mains connection: 3~400 V, 50 Hz
- Protection class: IP68
- Insulation class: H
- Fluid temperature: 3...40 °C, higher temperatures on request
- Free ball passage of 45...130 mm
- Max. immersion depth: 20 m

Pump Housing : cast iron
 Impeller : cast iron
 Motor Housing : cast iron / ductile cast iron
 Seal : SiC/SiC
 Static Seal : NBR / FPM

- Increased operational reliability and reduced servicing costs due to free flowing hydraulics that are non susceptible to clogging and have a large free ball passage
- Low operating costs thanks to superior hydraulic efficiency (up to 60.7 %) and optional IE3 motor technology (based on IEC 60034-30-1)
- Customer-specific versions for system-specific solutions
- Long service life in abrasive and corrosive fluids thanks to Ceram coatings



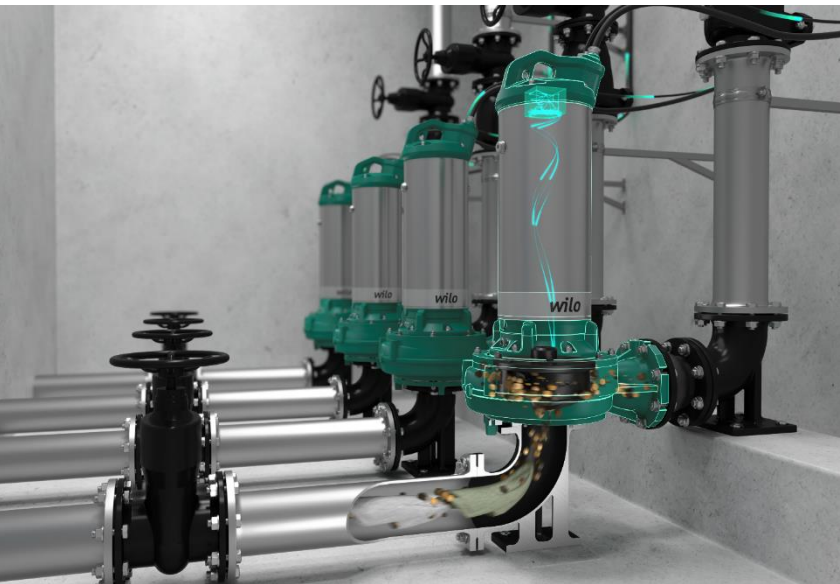
Sewage and Drainage Pumps

Wilo-Rexa SOLID-Q with Nexos Intelligence – The intelligent system solution for a smart sewage pump station

Pumping untreated sewage is becoming increasingly demanding due to the growing prevalence of solids and fibrous material which, in turn, leads to increased operating costs. The new Wilo-Rexa SOLID-Q with Nexos Intelligence is characterised by operational reliability, energy efficiency and the highest level of digital networking. The smart combination for cost effectiveness combined with the additional convenience in your day-to-day work.



“Maximum operational reliability and reduced service costs, especially for pumping untreated sewage, thanks to self-cleaning properties.”



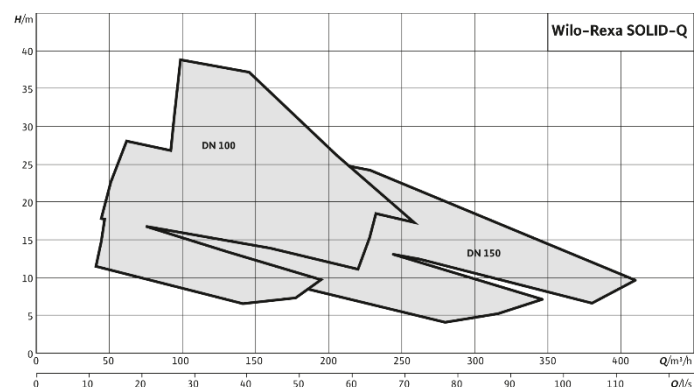
- Lower energy costs thanks to high hydraulic efficiency and up to IE5 motor technology in wet and dry well installation (based on IEC TS 60034-30-2)
- Corrosion protection provided by an optional Ceram coating for a long service life in aggressive media
- An optional Digital Data Interface (DDI) with integrated vibration monitoring, data logger, web server and digital rating plate for convenient monitoring and system integration
- Nexos Intelligence can be integrated for pump and system optimisation

Material Construction

- Housing components: EN-GJL-250 or EN-GJS-500-7
- Impeller: EN-GJL-250 or EN-GJS-500-7
- Static gaskets: FPM
- Sealing on pump side: SiC/SiC
- Sealing on motor side: FPM, carbon/ceramic or SiC/SiC
- Shaft: Stainless steel 1.4021

Technical Information

- Mains connection: 3~400 V, 50 Hz
- Submerged operating mode: S1
- Non-immersed operating mode: S1 (FK, FKT, HC motor) or S2 (T motor, depending on performance)
- Protection class: IP68
- Fluid temperature: 3 – 40 °C, higher temperatures on request
- Free ball passage:
 - T impeller: 78x105...150x150 mm
 - G impeller: 80 or 90 mm
 - Q impeller: 78 mm
- Max. immersion depth: 20 m



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THE FUTURE IS
CONNECTED.



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Pioneering for You

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