Pioneering for You

2023 – North America – 60 Hz.

Product Guide

Our Solutions for HVAC, Water Supply, Drainage and Sewage.

Move water.
Move the future.

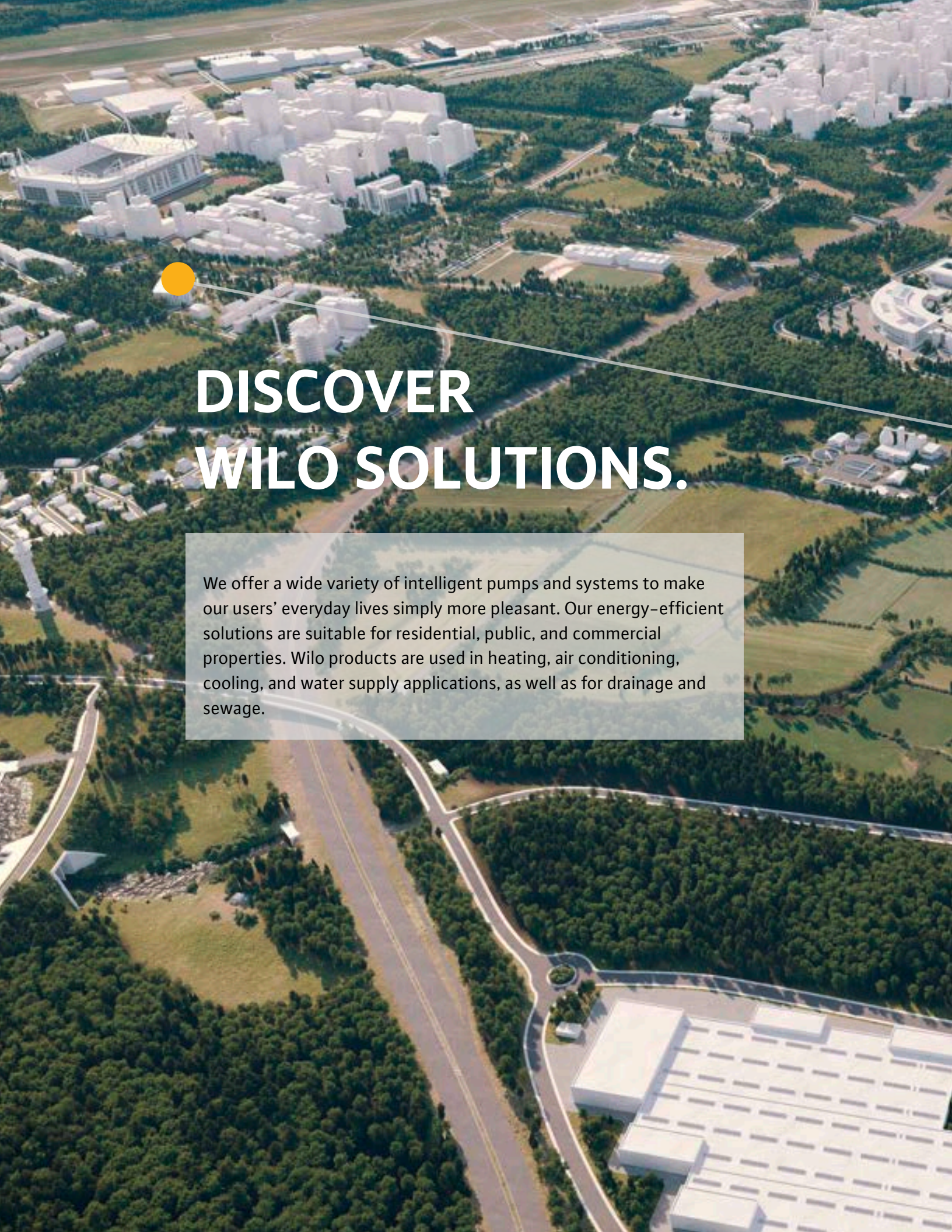
WILO USA LLC 6
Pumps and systems for building services, water management, and groundwater applications.

SCOT PUMP 32
Close-coupled cast iron, stainless steel, bronze and marine-specific pumps for OEM applications.

WEIL PUMP 44
Heavy-duty pumps and systems for sump and sewage applications, accessories, and controls.

AMERICAN-MARSH PUMPS 54
End suction, process sump, non-clog, split-case, vertical multistage, vertical, and submersible turbines.

QUANTUMFLO 60
Prepackaged pump skids for domestic water pressure boosting.



DISCOVER WILO SOLUTIONS.

We offer a wide variety of intelligent pumps and systems to make our users' everyday lives simply more pleasant. Our energy-efficient solutions are suitable for residential, public, and commercial properties. Wilo products are used in heating, air conditioning, cooling, and water supply applications, as well as for drainage and sewage.

1 **HEATING, AIR CONDITIONING, COOLING**
Wilo delivers individual solutions and highly efficient technology for applications in heating, air conditioning, cooling, and domestic hot water.

2 **WATER SUPPLY**
Innovative products and systems from Wilo support applications in rainwater utilization, water supply and pressure boosting, fire fighting, and raw water intake.

3 **DRAINAGE AND SEWAGE**
Wilo pumps and lifting units ensure safe and reliable operation in drainage and sewage disposal.

WILO USA LLC is a subsidiary of Wilo SE, headquartered in Dortmund, Germany. The Wilo Group is one of the world's leading premium suppliers of pumps and pump systems for building services, water management and the industrial sector. Wilo employs over 8,200 people around the globe today. With innovative solutions, smart products, and individual services, we provide the clever, efficient, and climate-friendly service of keeping water flowing. We already are the digital pioneer within the industry with our products and solutions, processes, and business models. In 2017 Wilo acquired the assets of Cedarburg, WI manufacturers Weil Pump, Scot Pump, and Karak Machine Co., followed by American-Marsh Pumps in 2019, and QuantumFlo, Inc. in 2021.

wilo

Get Boosted

Ask us about our range of single to four-pump booster systems. With NSF/ANSI 61 certified pumps, touch screen interface, and high-efficiency pump options to handle all your boosting applications. Contact your Regional Sales Manager today for more information!

That's what we call **Pioneering for You**.

+1 262-204-6600 I www.wilo-usa.com

CO-Helix

SiBooster EXCEL

WiBooster

Helix Excel Complete

Helix Complete

EFC
Variable Speed Drive

Pioneering for You

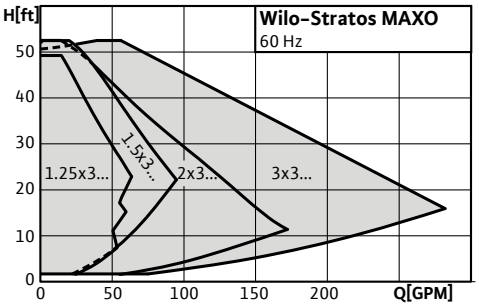
wilo®

Building Services

Pumps and systems for heating, air conditioning, cooling, pressure boosting, water supply, and sewage disposal in residential and commercial buildings.

Wilo-Stratos MAXO

High-Efficiency Smart Circulators



Application

- Hot Water Heating Systems
- Air Conditioning Systems
- Closed Cooling Circuits
- Industrial Circulation Systems

Max. Flow

280 GPM

Max. Head

52 feet

Features & Benefits

- EC motor technology
- Green Button Technology with 4.3” LED color display
- Maximum energy efficiency
- New and innovative intelligent control functions, such as Dynamic Adapt plus, multi-flow adaptation, T-const. and ΔT-const.
- Bluetooth connection to mobile devices
- Easy electrical installation

Technical Data

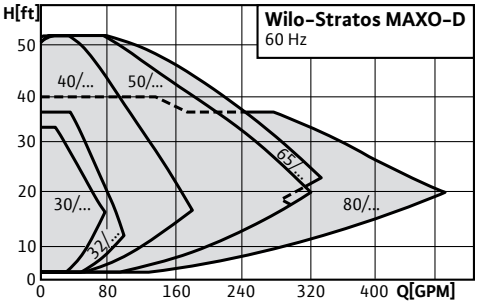
- Temp range: 14 °F to 230 °F (-10°C to +110°C)
- Electrical connection: 1~115/230V, 1~230V
- NEMA 2 enclosure protection

Materials of Construction

- Gray Cast Iron with Cataphoretic coating
- Stainless Steel shaft
- Carbon Bearing
- Carbon Fiber composite impeller

Wilo-Stratos MAXO-D

High-Efficiency Dual Smart Circulators



Application

- Hot Water Heating Systems
- Air Conditioning Systems
- Closed Cooling Circuits
- Industrial Circulation Systems

Max. Flow

493 GPM

Max. Head

52 feet

Features & Benefits

- EC motor technology
- Green Button Technology with 4.3" LED color display
- Maximum energy efficiency
- New and innovative intelligent control functions, such as Dynamic Adapt plus, multi-flow adaptation, T-const. and ΔT-const.
- Bluetooth connection to mobile devices
- Easy electrical installation

Technical Data

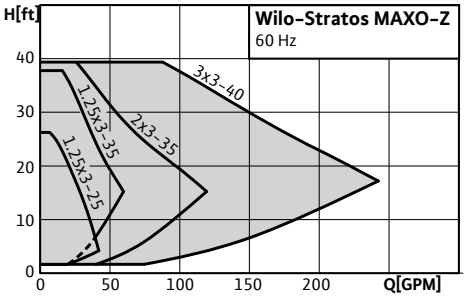
- Temp range: 14 °F to 230 °F (-10°C to +110°C)
- Electrical connection: 1~230V
- NEMA 2 enclosure protection

Materials of Construction

- Gray Cast Iron with Cataphoretic coating
- Stainless Steel shaft
- Carbon Bearing
- Carbon Fiber composite impeller

Wilo-Stratos MAXO-Z

High-Efficiency DHW Smart Circulators



Application

- Drinking Water
- Domestic Hot Water Circulation Systems
- Hot Water Heating Systems
- Air Conditioning
- Closed Cooling Circuits
- Industrial Circulation Systems

Max. Flow

240 GPM

Max. Head

40 feet

Features & Benefits

- EC motor technology
- Green Button Technology with 4.3” LED color display
- Highest standard of drinking water hygiene and energy efficiency
- Thermal disinfection detection
- Bluetooth connection to mobile devices
- Easy electrical installation

Technical Data

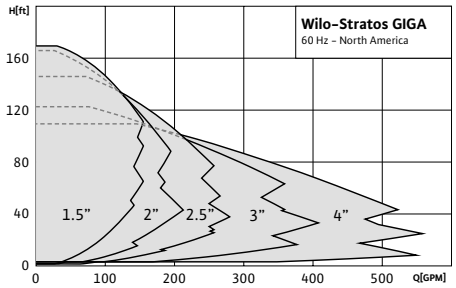
- Certified to NSF/ANSI 61 & 372
- Drinking water temp range: 32°F to 176°F (0 °C to 80°C)
- Heating water temp range: 14°F to 230°F (-10 °C to 110°C)
- Electrical connection: 1~115/230V, 1~230V
- NEMA 2 enclosure protection

Materials of Construction

- ANSI 304 Stainless Steel construction
- Carbon Bearing
- Carbon Fiber composite impeller

Wilo-Stratos GIGA

High-Efficiency Inline Pumps



Application

- Hot Water Heating Systems
- Industrial Circulation
- Closed Cooling Circuits
- Air Conditioning Systems
- Solar
- Geothermal

Max. Flow

550 GPM

Max. Head

167 feet

Features & Benefits

- High-efficient EC motor (IE5)
- Single-stage, low pressure, inline centrifugal pump
- Highest-efficiency motor-drive combination on the market–up to 10HP with motor efficiencies up to 96%
- Easy to operate Green Button Technology and LED display
- Extremely compact and space-saving design
- Integrated electronic power adjustment
- Control range is up to three times as high as conventional electronically controlled pumps
- Integrated full motor protection
- Multiple control modules available for integration with building management systems

Technical Data

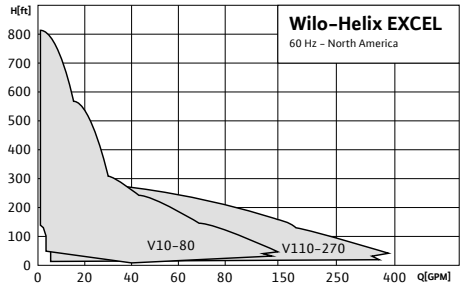
- High-corrosion protection due to Cataphoretic coating
- Power supply 380/480V~3, 50/60Hz, (±10%)
- Temp range: -4°F (-20°C) to 248°F (120°C)
- Ambient temp range: 32°F (0°C) to 104°F (40°C)
- Max operating pressure: 232 PSI
- IP55 enclosure, insulation class F
- Control modes: ΔPV, ΔPC, constant speed, PID, Binary

Materials of Construction

- Cast Iron, Cataphoresis coated volute
- Cast Iron, volute & lantern
- Engineered composite impeller
- Stainless Steel pump shaft

Wilo-Helix EXCEL

High-Efficiency Multistage Pumps



Application

- Water Supply and Pressure Boosting
- Process Water
- Pressure Washing Systems/Sprinkling Systems
- Industrial Circulation Systems
- Cooling Circuits & Condensate Return
- Agriculture/Irrigation

Max. Flow

395 GPM

Max. Head

807 feet

Features & Benefits

- High-efficient EC motor (IE5)
- High-efficiency controller offers up to 70% speed reduction
- Optimized 3D impellers for improved head and flow per stage
- Cartridge mechanical seal for quick and easy maintenance
- Variable pressure, constant pressure and variable speed control modes (See kits below, footnote*1 and footnote*2)
- Optional BACnet™, Modbus, LonWorks® interface modules

Technical Data

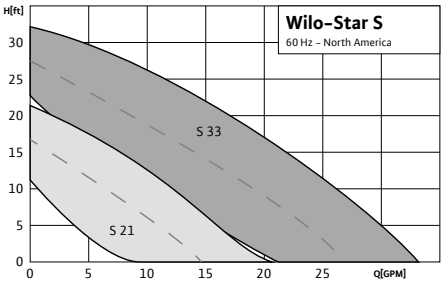
- Voltage: 460V (+/- 10%), 60Hz
- Fluid temp range:
  Models 10-80: -22 to 248°F (-30 to 120°C)
  Models 110-270: -4 to 248°F (-20 to 120°C)
- Max operating pressure: 232/362 PSI
- Class 300 ANSI flanges standard on models ≥ 2"
- Control modes: ΔPV*1, ΔPC*2, constant speed, PID
  *1 = Differential Transducer Kit available
  *2 = Discharge Transducer available

Materials of Construction

- Stainless Steel construction certified to NSF 61 (Models 10-80)

Wilo-Star S

3-Speed Wet Rotor Circulators



Application

- Hot Water Heating Systems
- Cold Water
- Air Conditioning Systems
- Water/Glycol concentrations up to 50%
- Solar
- Geothermal

Max. Flow

35 GPM

Max. Head

33 feet

Features & Benefits

- Reliable wet rotor technology
- Quick connect wiring
- Powerful starting torque
- Ultra-quiet
- Installable high-temp check (RFC model)
- RFC patented rotating flange: US 8,297,664 B2
- Integral check-valve available only for the RFC model

Technical Data

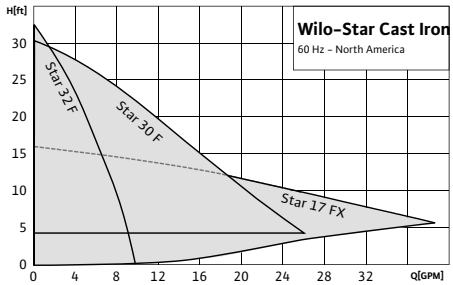
- Max. temp range: 14°F to 230°F (-10°C to 110°C)
- Max. amb temp: 104°F (40°C)
- Electrical connection: 1~115v
  Star S33 available in 1~115v, 230v
- Max. working pressure: 140 PSI (10 Bar)

Materials of Construction

- Cast Iron volute
- Engineered composite impeller
- Stainless Steel shaft
- Carbon Impregnated Bearing
- Steel terminal box

Wilo-Star

Residential Wet Rotor Circulators



Application

- Hot Water Heating Systems
- Cold Water
- Air Conditioning Systems
- Water/Glycol concentrations up to 50%
- Solar
- Geothermal

Max. Flow

38 GPM

Max. Head

33 feet

Features & Benefits

- Reliable wet rotor technology
- Quick connect wiring
- Powerful starting torque
- Ultra-quiet

Technical Data

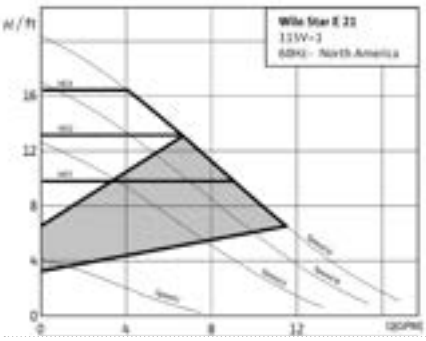
- Max. temp range: 14°F to 230°F (-10°C to 110°C)
- Max. amb temp: 104°F (40°C)
- Electrical connection: 1~115v
- Max. working pressure: 140 PSI (10 Bar)

Materials of Construction

- Cast Iron volute
- Engineered composite impeller
- Stainless Steel shaft
- Carbon Impregnated Bearing
- Steel Terminal box

Wilo-Star E 21

EC Motor-Driven High Efficiency Hot Water Circulators



Application

- Heating and cooling
- Industrial Circulation
- Water/Glycol concentrations up to 50%
- Solar
- Geothermal

Max. Flow

16.8 GPM

Max. Head

20 feet

Features & Benefits

- High-efficiency, EC Motor driven technology
- Differential temperature control
- Auto mode: Automatically adjusts to the system demand
- Three HD modes –proportional control
- Four speed control
- LED display and adjustment buttons for easy set-up and changes

Technical Data

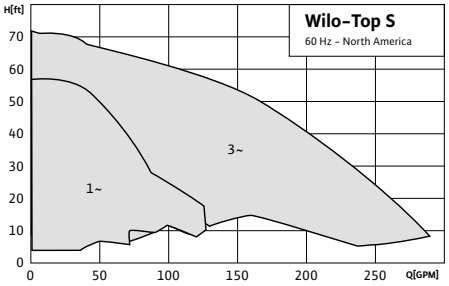
- Max. operating pressure: 145 PSI
- Fluid temperature range: 36°F to 230°F

Materials of Construction

- Cast Iron HT200 pump body
- Composite PA66+30%GF impeller
- Ceramic shaft

Wilo-Top S

Commercial Wet Rotor Circulators



Application

- All types of Hot Water Systems
- Closed Cooling Circuits
- Air Conditioning Systems
- Industrial Circulation
- Water/Glycol concentrations up to 50%
- Solar
- Geothermal

Max. Flow

290 GPM

Max. Head

70 feet

Features & Benefits

- No mechanical seal
- Quiet, low maintenance wet rotor circulator
- Two-speed operation on all voltages
- Automatically vented
- Cataphoretically coated prevents corrosion
- Sturdy cast aluminum electrical box
- Short flange to flange dimension

Technical Data

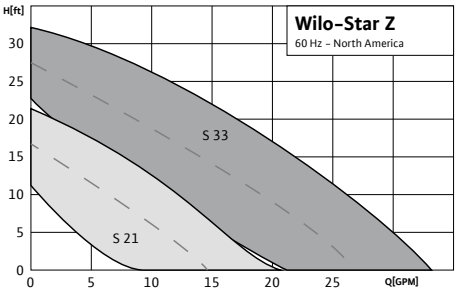
- Max. temp range: 14°F to 248°F (-10°C to 120°C)
- Amb temp range: 32°F-104°F (0°C - 40°C)
- Electrical connections: 1~115v, 230v 3~208-230v, 460v, 575v
- Max. working pressure: 145 PSI (10 Bar)

Materials of Construction

- Cast Iron, Cataphoretically coated volute
- Engineered composite impeller
- Stainless Steel shaft
- Impregnated Carbon Bearing
- Class H insulation

Wilo-Star Z

Stainless Steel 3-Speed Wet Rotor Circulators



Application

- Potable Water Systems
- Air Conditioning Systems
- Open Systems-Heating or Cooling
- Industrial Circulation
- Water/Glycol concentrations up to 50%
- Solar
- Geothermal

Max. Flow

35 GPM

Max. Head

33 feet

Features & Benefits

- Reliable wet rotor technology
- Quick connect wiring
- Powerful starting torque
- Ultra quiet

Technical Data

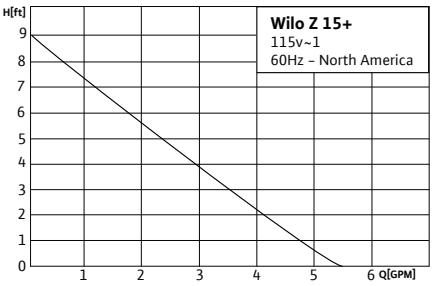
- Max. temp range: 14°F to 230°F (-10°C to 110°C)
- Max amb temp: 104°F (40°C)
- Electrical connection: 1~115v
- Max. working pressure: 140 PSI (10 Bar)

Materials of Construction

- Stainless Steel volute & shaft
- Engineered composite impeller
- Impregnated Carbon Bearing

Wilo-Z 15+

Domestic Hot Water Circulators



Application

- Domestic Hot Water Recirculation

Max. Flow

5.5 GPM

Max. Head

9 feet

Features & Benefits

- Compact design
- Conserves energy and water
- CSA compliant to NSF-61 & 372
- Optional digital timer
- Quick installation
- 115V power cord included

Technical Data

- Water temp range: 32°F to 160°F (0°C to 71°C)
- Max. working pressure: 145 PSI (10 Bar)
- Electrical connection: 1~115v, 60Hz
- Protection class: IP54

Materials of Construction

- Impeller: composite/40% glass filled (PA66G40)
- Shaft: Ceramics
- Rotor core: Silicon steel sheet + copper strip

Wilo-Z 15+ Accessories

JetValve, Digital Timer & DHW Fitting Pack

Application

- Mounts under the sink for instant hot water
- Adjustable temperature setpoint screw
- 1/2" Hot and cold male IPS inlets
- 3/8" Hot and cold male compression thread outlets
- Available as standalone valve or with 20" Stainless Steel flex connectors
- Conserves water

Digital Timer

- Weekly digital timer
- Large LCD display
- Conserves energy

DHW Fitting Pack

- Package of four (4) connectors to handle all types of piping
- Two (2) ½" SW x FNPT
- Two (2) ¾" SW x FNPT
- Two (2) ¾" SW x ½" SW Reducing Bushings
- Two (2) ¾" Street Hub Copper Unions
- Less than 0.25% lead content

Wilo Accessories

Flanges & Ball Valves

Application

- Residential FNPT cast iron flanges (¾", 1", 1¼", 1½")
- HV cast iron FNPT flanges (1", 1½", 2")
- Wilo cast iron FNPT "Check Flange" kit (¾", 1", 1¼")

Bronze Flanges

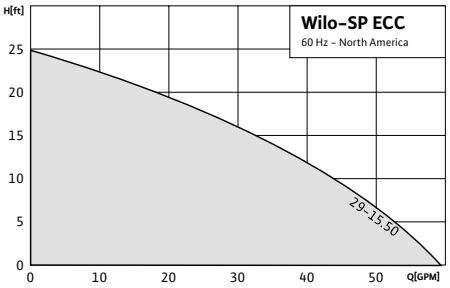
- Lead-free bronze
- Residential FNPT bronze flanges (¾", 1", 1¼")
- Residential SWT bronze flanges (¾", 1")
- HV bronze flanges (Top S, Stratos, Star 17) (1", 1¼, 2")

Swivel Flange Ball Valves

- Residential FNPT/SWT w check (¾", 1", 1¼", 1½")
- HV FNPT/SWT (1¼", 1½")

Wilo-ECC

Submersible Sump Pumps



Application

- → Sump & Effluent
- → Dewatering
- → Drainage

Max. Flow

58 GPM

Max. Head

25 feet

Features & Benefits

- → Permanent split capacitor motor with automatic thermal overload protection
- → 10' power cord included

Technical Data

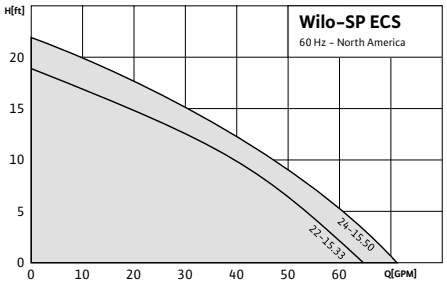
- → Max. solids size: ⅜"
- → Max. fluid temp: 77°F (25°C)
- → Electrical connection: 1~115v
- → 1½" NPT Discharge (1¼" with adapter)

Materials of Construction

- → Cast Iron volute & motor housing
- → Engineered composite impeller
- → Stainless Steel bottom-screened Inlet

Wilo-ECS

Submersible Sump Pumps



Application

- → Sump & Effluent
- → Dewatering
- → Drainage

Max. Flow

71 GPM

Max. Head

23 feet

Features & Benefits

- → Oil-filled motor for max heat dissipation
- → Ideal for basement installations
- → 10' power cord included

Technical Data

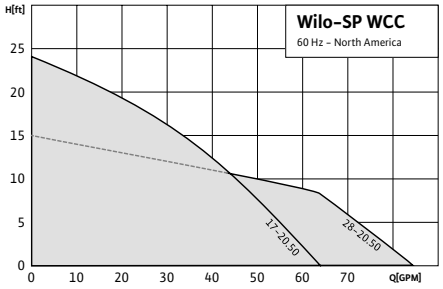
- → Max. solids size: ½"
- → Max. fluid temp: 77°F (25°C)
- → Electrical connection: 1~115v
- → 1½" Discharge (1¼" adapter included)

Materials of Construction

- → Cast Iron volute
- → Stainless Steel motor housing
- → Engineered composite impeller

Wilo-WCC

Sewage/Effluent Pumps



Application

- → Residential Sewage & Effluent
- → Drainage

Max. Flow

85 GPM

Max. Head

24 feet

Features & Benefits

- → Replaceable piggyback tether float switch
- → Oil-filled motor for maximum heat dissipation
- → Built-in thermal overload protection
- → 10' power cord included

Technical Data

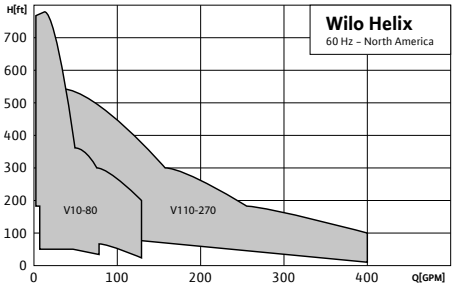
- → Max. solids size: 2" (WCC17); ¾" (WCC28)
- → Max. fluid temp: 130°F (55°C)
- → Electrical connections: 1~115v
- → 2" NPT Discharge

Materials of Construction

- → Cast Iron volute & motor housing
- → Engineered composite impeller

Wilo-Helix V

High-Pressure Vertical Multistage Centrifugal Pumps



Application

- → Water Supply
- → Pressure Boosting
- → Condensate Return
- → Boiler Feed
- → Washing/Sprinkling
- → Process Engineering
- → Cooling Circuits

Max. Flow

380 GPM

Max. Head

800 feet

Features & Benefits

- → Cartridge seal design for easy serviceability
- → 3D Laser welded Impellers for improved hydraulic efficiency and reduced NPSHR
- → Integrated thrust bearings for reduced motor stress
- → Pump lifting lugs
- → Heavy-duty pump base

Technical Data

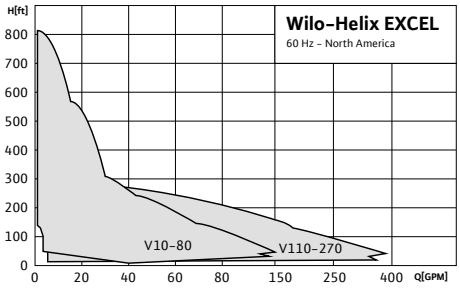
- → NEMA premium efficiency motors
- → Fluid temp range: -4°F to 248°F (-20°C to 120°C)
- → Electrical connections: 3~208-230/460/575V
- → Flange connection: Class 300 ANSI for models 10-80 or 250# ANSI split flanges for models 110-270
- → Pressure range: 232 PSI or 363 PSI

Materials of Construction

- → 304 Stainless Steel construction
- → Certified to NSF/ANSI 61
- → Stainless Steel volute, impeller & shaft
- → Mechanical seal options: Tungsten Carbide/ EPDM, or optional Viton®/FKM

Wilo-Helix EXCEL Complete

High-Efficiency, ECM Driven, Single-Pump Boosting Systems



Application

- → Water Supply
- → Pressure Boosting
- → Cooling Systems
- → Boiler Feed
- → Pressure Washing
- → Irrigation

Max. Flow

395 GPM

Max. Head

807 feet

Features & Benefits

- → High efficient EC motor (IE5)
- → High-efficiency controller offers up to 70% speed reduction
- → Optimized 3D impellers for improved head, flow per stage, and reduced NPSHR
- → Cartridge mechanical seal for quick and easy maintenance
- → Variable pressure, constant pressure, and variable speed control modes (See footnote*[1] and footnote*[2])
- → Optional BACnet™, Modbus, LonWorks® interface modules

Technical Data

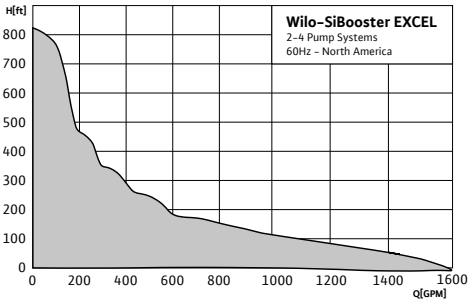
- → Voltage: 460V (+/- 10%), 60Hz
- → Fluid temp range: models 10-80: -22°F to 248°F (-30°C to 120°C)
- → Models 110-270: -4°F to 248°F (-20°C to 120°C)
- → Max operating pressure: 232/362 PSI
- → Class 300 ANSI Flanges for models 10-80 or 250 Lb ANSI split flanges for models 110-270
- → Control modes: ΔPV*[1], ΔPC*[2], constant speed,PID*[1]

Materials of Construction

- → Stainless Steel construction certified to NSF/ ANSI 61 & 372

Wilo-SiBooster EXCEL

High-Efficiency, ECM Driven Pressure-Boosting Systems



Application

- → Water Supply
- → Pressure Boosting
- → Agriculture
- → Washing/Sprinkling Systems
- → Cooling Circuits
- → Condensate Return

Max. Flow

1,578 GPM

Max. Head

807 feet

Features & Benefits

- → High efficient EC motor (IE5)
- → Real-time diagnostics and remote monitoring
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- → Onboard Modbus and BACnet™, LonWorks® interface modules (optional)
- → Adjustable low pressure cut-out
- → Balanced run time for all pumps

Technical Data

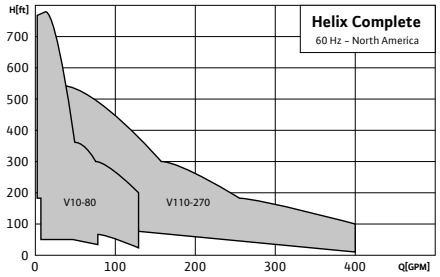
- → Fluid temp range: -22°F to 248°F (-30°C to 120°C)
- → Electrical connection: 3~460V
- → Rated pressure: 232 or 363 PSI depending on number of pump stages
- → System connection: 150 or 300 Class ANSI flanges depending on maximum system pressure
- → TEFC motors standard

Materials of Construction

- → All 304 Stainless Steel construction
- → Entire packaged systems are listed under UL for NSF/ANSI 61
- → Entire packaged systems are listed under UL for QCZJ "packaged pumping systems".
- → EPDM/FKM Elastomers
- → Mechanical seal options: Tungsten Carbide/ EPDM, or optional Viton®/FKM

Wilo-Helix Complete

1 Pump Pressure-Boosting Systems



Application

- Water Supply
- Pressure Boosting
- Condensate Return
- Boiler Feed
- Washing/Sprinkling
- Process Engineering
- Cooling Circuits

Max. Flow

400 GPM

Max. Head

780 feet

Features & Benefits

- NSF 61 and 372 rated for water quality
- UL QCZJ rated as a complete pumping package
- Optimizes energy consumption based on system requirements
- End of curve detection
- Dry run prevention
- Low flow protection
- Pipe fill mode
- Warnings & alarm indication

Technical Data

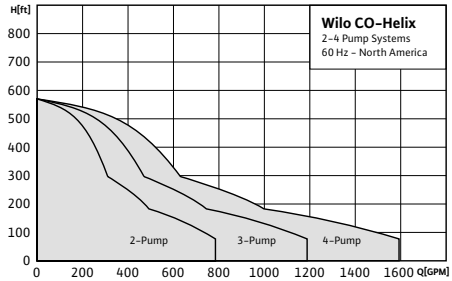
- Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a minimum of 32°F for domestic water
- Electrical connections: 3~208/230/460/575V
- Rated pressure: 232/363 PSI
- Flange connection: Class 300 ANSI on models 10-80 or 250Lb ANSI split flanges on models 110-270

Materials of Construction

- Stainless Steel AISI 304 pump volute, flanges, impeller, stage housing and diffusers
- Stainless Steel AISI 304 or AISI 318LN shaft
- Stainless Steel AISI 316L shaft sleeve

Wilo-CO-Helix

2-4 Pump Pressure-Boosting Systems



Application

- Water Supply
- Pressure Boosting
- Agriculture
- Washing/Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

1,600 GPM

Max. Head

580 feet

Features & Benefits

- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard Modbus and optional BACnet™, LonWorks® interface modules
- Variable speed control per pump
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

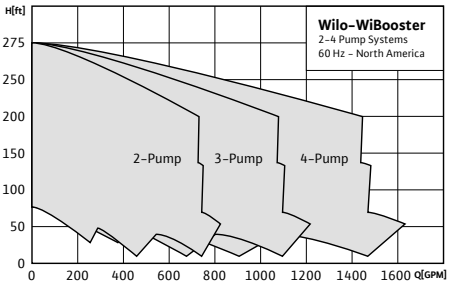
- Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a minimum of 32°F for domestic water
- Electrical connections: 3~208 230/460/575V
- Rated pressure: 232/363 PSI
- System flange connection: 150 Class ANSI or 300 Class ANSI
- TEFC motors standard

Materials of Construction

- All 304 Stainless Steel construction
- Entire packaged systems are listed under UL for NSF 61 and NSF 372
- Entire packaged systems are listed under UL for QCZJ "packaged pumping systems"
- EPDM/FKM elastomers
- Mechanical seal options: Tungsten Carbide/ EPDM, or optional Viton®/FKM

Wilo-WiBooster

2-4 Pressure-Boosting Systems



Application

- Water Supply
- Pressure Boosting
- Agriculture
- Washing/Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

1,600 GPM

Max. Head

275 feet

Features & Benefits

- Includes Scot 320-328 series Stainless Steel pumps
- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard Modbus and optional BACnet™, LonWorks® interface modules
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

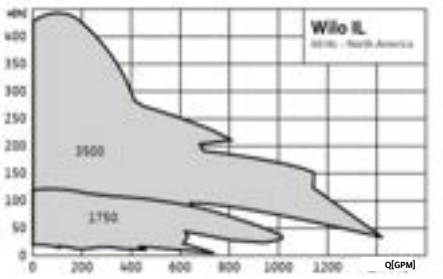
- Fluid temp range: -4°F to 140°F (-20°C to 60°C) with a minimum of 32°F for domestic water
- Premium efficient NEMA motors
- VFD-Controlled system operation
- 4-20 mA, ¼" Stainless Steel Pressure Transducers
- Rated pressure: 150 PSI
- Flange connection: 150 Class ANSI

Materials of Construction

- All wetted components are of 304 Stainless Steel construction
- Entire packaged systems are listed under UL for NSF 61 and NSF 372
- Entire packaged systems are listed under UL for QCZJ packaged pumping systems
- EPDM/FKM elastomers
- Type 21 Mechanical seal

Wilo-IL

Inline Centrifugal Pumps



Application

- Hot Water Heating Systems
- Closed Cooling Circuits
- Air Conditioning
- Industrial Circulation
- Solar
- Geothermal

Max. Flow

1,450 GPM

Max. Head

440 feet

Features & Benefits

- Integral suction diffuser cast in volute inlet
- All bolts non-metric
- Pump feet drilled and tapped
- Class 125 ANSI standard flanges

Technical Data

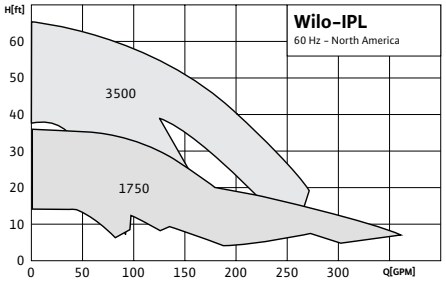
- TEFC motors standard (ODP available)
- Fluid temp range: -4°F to 248°F (-20°C to 120°C)
- Max. amb temp: 104°F (40 °C)
- Electrical connections: 1~115v, 230v3~208-230v, 460v, 575v

Materials of Construction

- Cast Iron EN-GJL-250 pump volute
- Trimmable Bronze impeller
- Stainless Steel stub shaft

Wilo-IPL

Inline Pumps



Application

- Hot Water Heating Systems
- Closed Cooling Circuits
- Air Conditioning
- Industrial Circulation
- Solar
- Geothermal

Max. Flow

400 GPM

Max. Head

65 feet

Features & Benefits

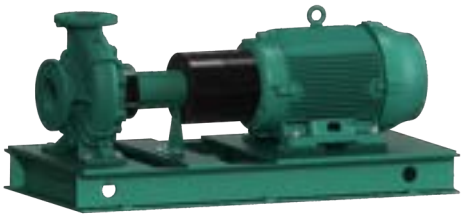
- Integrated suction straightening vane
- Pump feet drilled and tapped
- Class 125 ANSI standard flanges
- Suction and discharge pressure gauge tappings
- Lifting eyes for easy installation

Technical Data

- TEFC motors standard (ODP available)
- Fluid temp range: 15°F to 250°F (-10°C to 120°C)
- Max. amb temp: 104°F (40 °C)
- Electrical connections: 1~115v, 230v 3~208-230v, 460v, 575v

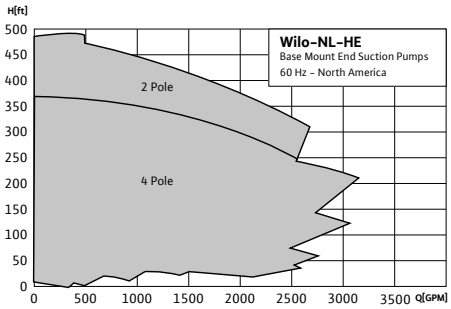
Materials of Construction

- Cast Iron, Cataphoretically coated volute
- Engineered composite impeller
- Stainless Steel stub shaft
- 2-Part Epoxy paint



Wilo-NL-HE

Base Mounted End Suction Pumps



Application

- Heating and Cooling Systems
- Air Conditioning
- Municipal Water Supply
- Pressure Boosting
- Raw Water Intake
- Irrigation/Agriculture
- Industrial Process

Max. Flow

3,000 GPM

Max. Head

475 feet

Features & Benefits

- Stainless Steel impeller
- High-efficiency
- Improved Hydraulic design
- Energy savings
- Cataphoretic coating of all cast iron components
- High corrosion resistance
- Long service life
- Easy maintenance
- C-channel construction welded base

Technical Data

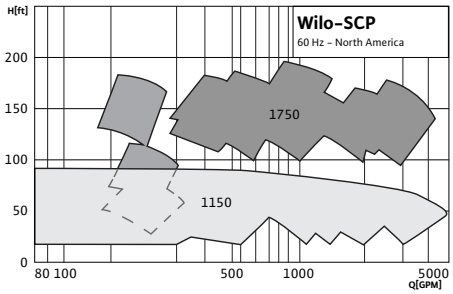
- Fluid temp range: -4 °F to 284 °F
- ANSI Class 125
- Maximum operating pressure of 232 PSI
- Main connections: - 3~[208-230/460V, 575V] 60Hz
- EN 1.4408 (equivalent: AISI 316) Stainless Steel impellers
- DIN 1.4021 (Equivalent: 420) Stainless Steel pump shaft
- Antimony Impregnated Carbon/Silicon Carbide/EPDM(E1) Stainless Steel spring & body mechanical seal
- NEMA Premium efficient motors

Materials of Construction

- Stainless Steel Impeller and pump shaft
- Carbon/silicon carbide/EPDM (E1) mechanical seal

Wilo-SCP

Split Case Pumps



Application

- Heating and Cooling Systems
- Transfer and Pressure Boosting
- Boiler Feed/Condensate
- Municipal Water Supply
- Irrigation
- Industrial Applications

Max. Flow

5,000 GPM

Max. Head

180 feet

Features & Benefits

- Horizontal split casing allows replacement of bearings and mechanical seal without disturbing the system piping
- Double suction design available for maximum efficiencies
- Hydraulically balanced double-suction impeller for minimal axial thrust
- Tongue and groove neck ring design eliminates seizing of rotating assembly
- Pump shaft guards

Technical Data

- Fluid temp range: 18°F to 250°F (-8°C to 120°C)
- Available in sizes up to 500HP

Materials of Construction

- Different material specs available
- Different seal types available
- Standard Configuration: Cast Iron volute, Bronze impeller, Stainless Steel shaft, C/SiC/EPDM Mechanical seal, NEMA standard motors

Water Management

Pumps and pump systems for water supply, sewage collection, and wastewater treatment.

Wilo USA Aftermarket Capabilities

Our goal is to profitably grow the Parts & Service business by expanding our offerings, enlarging our customer base, and offering best-in-class quality and delivery.

→ The Aftermarket team is designed to support customers in all aspects post-shipment of new products. We have people dedicated to replacement parts sales, warranty support, field support, and pump repairs.

→ Field capabilities for all Wilo USA brands (Wilo, American-Marsh Pumps, Scot Pump, and Weil Pump) are:

- Start-up services for new installations
- End-user training on our equipment
- Provide regular and predictive maintenance to the installed equipment
- Service agreements
- Troubleshoot existing installations if necessary

→ In addition to the field capabilities, we have tools and equipment to provide field solutions to our end users.

- **Wilo Care** – A monitor installed equipment remotely.
- **Wilo Live Assistant** – A tool to remotely troubleshoot before arriving on site.
- **Connect Tool** – Standalone tool that tracks potential disturbances on-site (pressure, vibration, temperature, etc.). We connect to the end-user product and monitor via the cloud.
- **Field Equipment** – Flowmeters, vibration equipment, alignment equipment, 3D scanner, etc.

→ Inhouse capabilities include:

- Pump repairs, rehabs, and modifications to any existing pumping equipment.
- Wilo's technical abilities involve disassembly, inspection, repair, and rebuild to extend the equipment's life.

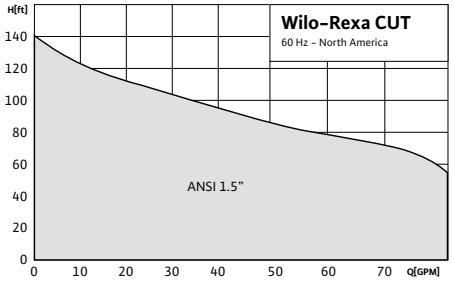
→ Authorized Service Centers (ASCs) are designed to be an extension of Wilo and offer repair services for the installed equipment. We are in the process of evaluating and adding additional ASCs to support the American-Marsh product lines.

For more details contact:

Steve Wilson
Aftermarket Sales Manager
steve.wilson@wilo.com
M +1 (816) 845-0411

Wilo-Rexa CUT

Submersible Sewage Pumps with Macerator



Application

- Domestic Sewage
- Municipal Pressure Sewer
- Residential Pressure Sewer

Max. Flow

80 GPM

Max. Head

140 feet

Features & Benefits

- High-operational reliability through spherically-formed macerator with pulling cut
- Cutter design yields fine solids for non-clogging operation
- Resistant to obstructions and blockages
- Sealing chamber
- Long service life through a high-quality motor seal with two independent mechanical seals and optional pencil electrode for sealing chamber control
- cCSAus approval

Technical Data

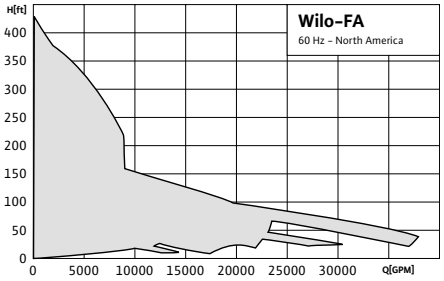
- Power connections: 1~230 V/60 Hz, 3~230 V/60 Hz or 3~460 V/60 Hz
- Submerged operating mode: continuous duty (S1)
- Non-submerged operating mode: rated minutes operation (S2-15 or S3 10%)
- Submerged under pressure (IP 68)
- Insulation class: F
- Max. fluid temp: 37 °F-104 °F (3°C-40 °C)

Materials of Construction

- Cast Iron volute
- Cast Iron impeller
- Stainless Steel motor housing
- Seals: SiC/SiC (pump side), C/MgSiO4 (Motor)
- Macerator: Stainless Steel AISI 440B+Co

Wilo-FA

Submersible Sewage Pumps



Application

- Sewage Collection
- Storm Water
- Raw Water
- Sewage Treatment
- Dewatering
- Industry

Max. Flow

40,000 GPM

Max. Head

420 feet

Features & Benefits

- Rugged design for portable, wet pit, and dry well installation
- Shaft-short overhang/large diameter
- L3/D4 Shaft bending ratio lowest in industry
- Continuous operation possible in Q vs H curve extremes
- Internally closed loop cooled motors available
- FM explosion-proof rated

Technical Data

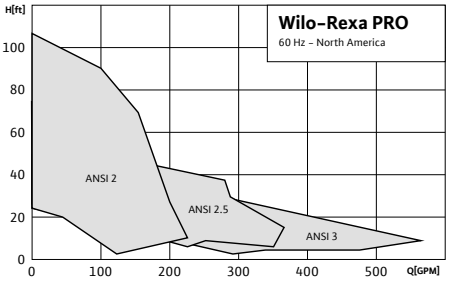
- S1 Operating mode (continuous duty)
- Protection class: IP 68
- Max. temp: 104°F (40°C) (higher temperatures on request)
- Silicon carbide mechanical seals

Materials of Construction

- Cast Iron volute (standard)
- Stainless Steel standard shaft
- For corrosive fluids, the external surfaces can be coated with Wilo-Ceram C0
- Optional materials of construction and coatings available

Wilo-Rexa PRO

Submersible Sewage Pumps



Application

- Wastewater and Sewage
- Domestic and Site Drainage
- Sludges up to 8% Dry Matter
- Municipal and Industrial Applications

Max. Flow

550 GPM

Max. Head

110 feet

Features & Benefits

- Clog-resistant vortex and 1-vane
- FM explosion-proof rated
- Dual mechanical shaft seals
- Watertight cable inlet
- Quick and easy installation

Technical Data

- Electrical connections: 1~ 230v, 3~ 230v, 460v
- Protection class: IP 68, Insulation class: F
- Max. fluid temp: 37°F-104°F (3°C-40°C)
- Wet pit only
- Solids passage up to 3 in
- Max. immersion depth: 66 ft (20m)

Materials of Construction

- Cast Iron volute, impeller and motor housing
- Seals: SiC/SiC (pump side), C/MgSiO4 (motor)

BEST IN CLASS EFFICIENCIES!

Wilo-FA Options

Solid Impeller, Block Seal, Materials, Designs

Solid Impeller

- Applications: high solids content (rags and fibrous), untreated sewage, local drainage
- Smooth operation in wet and dry well installation
- Simple installation via suspension unit or pump base
- Impeller trimmed to specific duty point
- Free passage: 3x4-7x7 in (78x105 - 170x170 mm).

Enclosed Block Seal

Mechanical shaft seals of high-wear resistant silicon-carbide at the motor and pump-side integrated in a Stainless Steel cartridge

- Short-height compact design (short-shaft overhang)
- High operation safety
- Durable and long life
- Operation independent of the direction of rotation

Special Materials

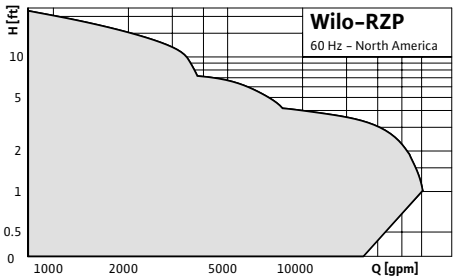
- Wear-resistant materials and coatings
- Corrosion-resistant materials and coatings
- Ceram coatings

Special Designs

- Mechanical mixing head
- Cast Stainless Steel
- High chrome Cast Iron

Wilo-Flumen OPTI-RZP, EXCEL-RZPE

Recirculation Pumps



Application

- Low head water/sewage delivery at high flow rates
- Process, raw, pure, and cooling water
- Generation of fluid current in water channels

Max. Flow

30,000 GPM

Max. Head

17 feet

Features & Benefits

- Submersible, compact installation unit
- In-line design
- Energy efficient, flow-optimized, self-cleaning propellers, partially with helix hub
- Low cost in-basin piping
- FM-Ex rated
- Pump station wet wells are no longer necessary
- Easy installation and removal
- The special blade design provides gentle pumping of water, sewage, and activated sludge

Technical Data

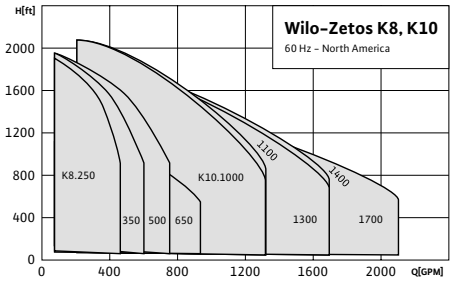
- Submerged operating mode: S1 (continuous duty)
- Max temp: 104°F (40°C)
- Protection class: IP 68
- Units are planetary gear or direct driven

Materials of Construction

- PUR or Stainless Steel propeller

Wilo-Zetos K8, K10

Heavy-Duty Cast Stainless Steel Submersible Pumps



Application

- Drinking Water Supply
- Clean Water Treatment
- Water Supply
- Pressure Boosting
- Irrigation
- Agriculture
- Industrial Process

Max. Flow

2,070 GPM

Max. Head

2,100 feet

Features & Benefits

- NSF/ANSI 61 & 372 certified
- M6-M8-M9-M12 motor options
- ZK8 up to 84% hydraulic efficiency
- ZK10 up to 88% hydraulic efficiency
- Optional Ceram® coating (call for options)
- Ceram® CT for higher efficiency and longer life on drinking water applications
- Ceram® CP High-temp Teflon coating for industrial applications

Technical Data

- Electrical connection: 3~200V-2300V
- Liquid temp range: 32°F to 122°F (0°C to 50°C)
- Max sand content: 150 ppm
- Max immersion depth: 1000'
- Protection Class: IP 68

Materials of Construction

- Stainless steel housing parts and impellers (EN 1.4408)
- K8: Threaded connection with non-return valve
  K10: Threaded connection or flange connection, each with non-return valve

Wilo-Flumen OPTI-TR, EXCEL-TRE

High-Speed Submersible Mixers

Application

- Mixing deposits and solids in rain spillway basin and pump sump
- Breaking down of sludge layers
- Agriculture
- Water supply
- Wet wells

Thrust

32-292 lbf (145-1300N)

Features & Benefits

- Compact directly driven submersible mixer
- Stationary installation on walls and floors
- Can be swiveled vertically and horizontally for installation with lowering device
- ATEX and FM versions
- Self-cleaning propeller with helix hub
- Easy-to-install propeller attachment

Technical Data

- Submerged operating mode: S1 (continuous duty)
- Max. temp: 104°F (40°C)
- Protection class: IP 68
- Permanently lubricated anti-friction bearing

Materials of Construction

- Stainless Steel motor shaft
- Stainless Steel propeller
- SiC/SiC combination mechanical seal

Wilo-TR(E)

Medium-Speed Submersible Mixers with Planetary Gear

Application

- Creation of fluid current in activated sludge tanks
- Suspension of solids
- Prevention of floating sludge layers
- Industry & Agriculture
- Water supply
- BNR

Thrust

41-1,113 lbf (180-4950N)

Features & Benefits

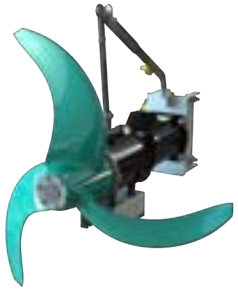
- Flexible installation
- Single-stage planetary gear for adjusting the propeller speed
- Self-cleaning propeller
- Easy-to-install propeller attachment
- Type “TRE” with IE3 performance optimized motors
- ATEX and FM versions

Technical Data

- Submerged operating mode: S1 (continuous duty)
- Max. temp: 104°F (40°C)
- Protection class: IP 68
- Single-stage planetary gear
- Permanently lubricated anti-friction bearing

Materials of Construction

- Stainless Steel, PUR or PUR/GFK or PA6C propeller
- Stainless Steel gear shaft
- SiC/SiC combination mechanical seal



Wilo-TR(E)

Slow-Speed Submersible Mixers with Planetary Gear

Application

- Mixing and circulation of activated sludge
- Flow generation in water channels
- Industry
- Oxidation Ditches

Thrust

97-989 lbf (430-4400N)

Features & Benefits

- Slow-running submersible mixer with two-stage planetary gear
- Flexible installation
- 2-stage planetary gear for adjusting the propeller speed
- Self-cleaning propeller
- Propeller blades can be replaced individually
- Easy-to-install blades and hub
- ATEX and FM versions
- "TRE" with IE3 performance optimized motors

Technical Data

- Submerged operating mode: S1 (continuous duty)
- Max. temp: 104°F (40°C)
- Protection class: IP 68
- Two-stage planetary gear with exchangeable second planetary stage
- Permanently lubricated anti-friction bearing

Materials of Construction

- GFK/VE or PA6C propeller
- Stainless Steel gear shaft
- SiC/SiC combination mechanical seal

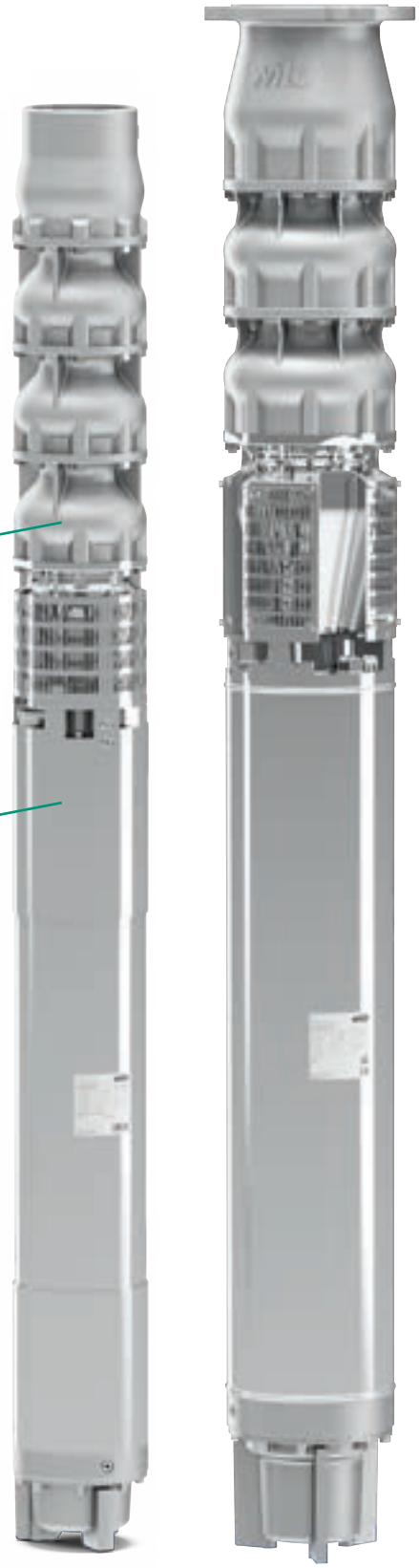
Groundwater

Submersible pumps for water supply from water wells, agriculture, dewatering, and industrial applications.

Zetos ZK8 ZK10

Best in class

Up to
88%
Hydraulic Efficiency!



High-Efficiency Hydraulics

The Zetos features multistage hydraulics with semi-axial impellers. Housing parts and impellers are made of precision-cast Stainless Steel. An optimized impeller design ensures highly smooth operation. The pressure connection is equipped with an integrated non-return valve.

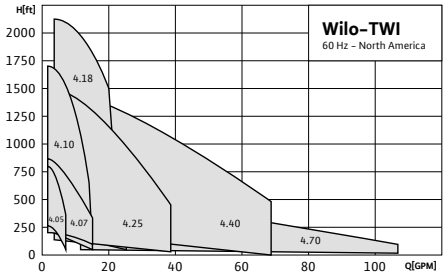
Customization is Key

The individual configurability of the Zetos is clear when it comes to submersible motors. Powerful 6-inch and 8-inch drives with different strengths, tailored exactly for your applications. Available as an encapsulated variant for a high thermal load, as a rewindable variant for a wide range of configuration options or a highly efficient variant with a permanent magnet motor.

Drinking Water
NSF / ANSI 61

Wilo-TWI

4" Stainless Steel Well Pumps



Application

- → Potable Water Supply
- → Irrigation
- → Municipal
- → Pressure Boosting
- → Agriculture
- → Industrial Process

Max. Flow

110 GPM

Max. Head

2,200 feet

Features & Benefits

- → Motors and pump ends certified to NSF/ANSI 61 listed with CSA
- → Vertical and horizontal installation possible
- → Motors up to 250 HP
- → Control boxes and VFD's available
- → NEMA standard mounting specs
- → High-quality shaft bearings
- → Check valve standard on all models
- → Stainless Steel construction
- → Additional models available on request

Technical Data

- → Electrical connections: 1~115/230v 3~230/460/575v
- → Temp range: 37°F to 122°F (3°C to 50°C)
- → Max. sand content: 50 ppm
- → Max. immersion depth: 1000'
- → Protection Class: IP 68

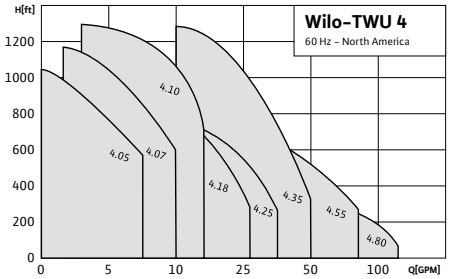
Materials of Construction

- → Stainless Steel construction
- → Carbon/Graphite/PTFE stop ring
- → Stainless Steel/NBR neck ring
- → NBR Bearing

Drinking Water
NSF / ANSI 61

Wilo-TWU

4" Stainless Steel Well Pumps with Noryl Impellers



Application

- → Potable Water Supply
- → Irrigation
- → Municipal
- → Pressure Boosting
- → Agriculture
- → Industrial Process

Max. Flow

110 GPM

Max. Head

2,400 feet

Features & Benefits

- → Motors certified to NSF/ANSI 61 listed with CSA
- → Noryl impellers for maximum wear and abrasive resistance
- → High-quality shaft bearings for long life and easy installation
- → Optional VFD's and control boxes available
- → NEMA standard mounting specifications
- → Vertical and horizontal installation possible
- → Check valve standard on all models
- → Additional models available on request

Technical Data

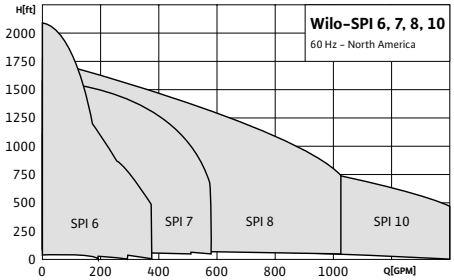
- → Electrical connections: 1~115/230v 3~230/460/575v
- → Temp range: 37°F to 95°F (3°C to 35°C)
- → Max. sand content: 50 ppm
- → Max. immersion depth: 1000'
- → Protection Class: IP 68

Materials of Construction

- → Stainless Steel construction
- → Noryl impellers & shaft sleeve
- → Glass-filled Polycarbonate Bearing spider & diffuser
- → NBR O-ring
- → Polyacetal Bearing

Wilo-SPI

6"– 10" Stainless Steel Well Pumps



Application

- → Potable Water Supply
- → Irrigation
- → Municipal
- → Pressure Boosting
- → Agriculture
- → Industrial Process

Max. Flow

1,400 GPM

Max. Head

2,200 feet

Features & Benefits

- → Certified to NSF/ANSI 61 & 372
- → Vertical and horizontal installation possible
- → Motors up to 250 HP
- → Control boxes and VFD's available
- → NEMA standard mounting specs
- → High-quality shaft bearings
- → Check valve standard on all models
- → Stainless Steel construction
- → Additional models available on request

Technical Data

- → Electrical connections: 1~115/230v 3~230/460/575v
- → Temp range: 37°F to 122°F (3°C to 50°C)
- → Max. sand content: 50 ppm
- → Max. immersion depth: 1000'
- → Protection Class: IP 68

Materials of Construction

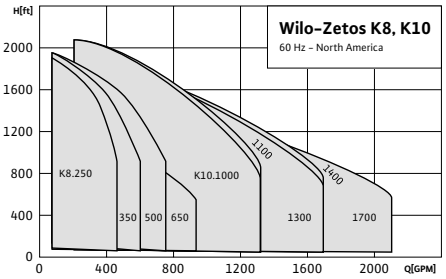
- → Carbon/Graphite/PTFE Stop ring
- → Stainless Steel/NBR neck ring
- → NBR Bearing

BEST IN CLASS EFFICIENCIES!

NEW!

Wilo-Zetos K8, K10

8"-10" Heavy-Duty Cast Stainless Steel Submersible Pumps



Application

- → Drinking Water Supply
- → Clean Water Treatment
- → Water Supply
- → Pressure Boosting
- → Irrigation
- → Agriculture
- → Industrial Process
- → Offshore

Max. Flow

2,070 GPM

Max. Head

2,100 feet

Features & Benefits

- → NSF/ANSI 61 & 372 certified
- → M6-M8-M9-M12 motor options
- → ZK8 up to 84% hydraulic efficiency
- → ZK10 up to 88% hydraulic efficiency
- → Optional Ceram® coating (call for options)
- → Ceram® CT for higher efficiency and longer life on drinking water applications
- → Ceram® CP High-temp Teflon coating for industrial applications

Technical Data

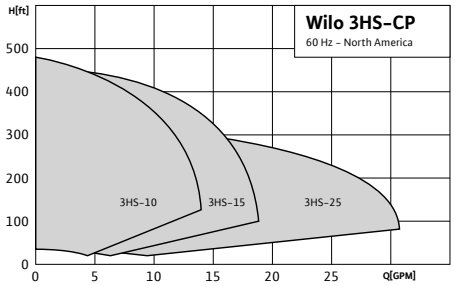
- → Electrical connection: 3~200V-2300V
- → Liquid temp range: 32°F to 122°F (0°C to 50°C)
- → Max. sand content: 150 ppm
- → Max. immersion depth: 1000'
- → Protection class: IP 68

Materials of Construction

- → Stainless Steel housing parts and impellers (EN 1.4408)
- → K8: Threaded connection with non-return valve
  K10: Threaded connection or flange connection, each with non-return valve

Wilo 3HS-CP

3" High-Speed Submersible Pumps with Noryl Impellers



Application

- → Potable Water Supply
- → Irrigation
- → Municipal
- → Pressure Boosting
- → Agriculture
- → Industrial Process

Max. Flow

31 GPM

Max. Head

475 feet

Features & Benefits

- → High-speed 8400 RPM rewindable motor
- → Available in constant pressure (CP) and Integrated (I) models
- → Integrated check valve
- → Frequency converter included on CP models
- → Vertical and horizontal installation possible

Technical Data

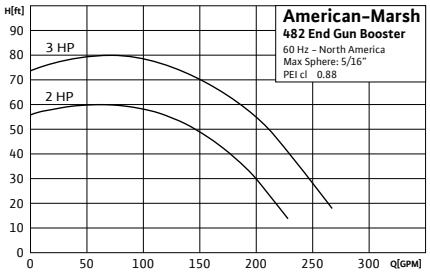
- → Electrical connection: 1~230v
- → Temp range: 37°F to 95°F (3°C to 35°C)
- → Max. sand content: 50 ppm
- → Max. immersion depth: 500'
- → Max. number of starts: 30/h
- → Protection class: IP 58

Materials of Construction

- → 304 SS construction
- → Noryl impellers

American-Marsh 482 EGB

End Gun Booster Pumps



Application

- → Center Pivot Irrigation
- → End Gun Booster

Max. Flow

260 GPM

Max. Head

80 feet

Features & Benefits

- → Interchangeable with commonly used models
- → Efficiency design:
  Higher flow rates with less HP required
- → Space-saving design:
  Vertical mount minimizes overall footprint

Technical Data

- → NEMA 60Hz J56 Frame
- → Available in 2HP or 3HP
- → Standard, auto reset or manual reset
- → Double Sealed Bearings

Materials of Construction

- → Cast Iron construction
- → 2.5"x2" NPT Suction/Discharge Connections
- → Mechanical seals:
  Standard: Buna-Carbon head/Ceramic seat
  Optional:
  - Viton-Carbon head/Silicon Carbide seat
  - Viton-Silicon Carbide head/Silicon

Wilo Submersible Motors

4"–12" Motors

4" Standard Submersible Motors

- Certified to NSF/ANSI 61
- Stainless Steel for maximum corrosion resistance
- Equipped with surge arrestors on 115/230v models
- Automatic thermal overload protection
- Efficient 2-wire motors
- Electrical connections: 1~115/230v and 3~230/460/575v
- Max. temp: 86°F (30°C)
- 48" cable length for ½–1½ HP models
- 100" cable length for 2+ HP models

4" & 6" Standard Encapsulated Motors

- H.D. Sand Sealing System (3S)
- Dual flange for easy connection
- 5–60 HP
- Available in 3~ 230/460/575v
- NEMA standard flange
- Durable stainless steel motor housing
- Available 2 or 3 wire connections
- Max temp: 95°F (35°C)
- IP68 insulation

6"–10" Standard Submersible Motors

- Electrical connections: 3~230/460/575/1000v
- NEMA standard flange
- Standard temp: 95°F (35°C)
- High temp: 176°F (80°C)
- NEMA splined shaft
- pH 6.5–8.0
- Durable Stainless Steel motor housing
- 304 & 316 available

6"–12" NU Rewindable Submersible Motors

- Rewindable motor stator
- Voltages up to 6000v
- High-temp models available
- Custom power cable lengths
- Cast Iron, 304 Stainless Steel, 316 Stainless Steel, Bronze, and duplex Stainless Steel configurations available
- Optional PT100 thermistor
- High-quality thrust bearings
- Water-filled design

Wilo Submersible Accessories

Control Boxes, Variable Frequency Drives, Pump Panels

Control Boxes

- Standard
- Deluxe
- Deluxe CSCR
- Deluxe (6")

Wilo Pump Panel

- NEMA type 3R steel enclosure with powder coating finish
- Full gasket hinged door with provision for padlocks
- UL listed and suitable for use as service equipment
- Heavy-duty flange fusible disconnect switch
- NEMA Full voltage magnetic motor starter
- Range from 2HP to 100HP

Wilo MaxAir™

Hydropneumatic Pressure Tanks

Application

- Water Storage
- Water Pressure Boosting
- Water Transfer

Max. Working Pressure

150 PSI

Max. Working Temperature

195°F

Features & Benefits

- NSF/ANSI 61 compliant, IAPMO R&T UPC approved
- Polypropylene liner to ensure long durability
- Butyl diaphragm to assure long-life and safety
- Corrosion-resistant durable baked epoxy coating
- Leak-free, O-ring sealed air valve cap
- 100% pressure tested
- No maintenance needed
- 304 Stainless Steel water connection

Scot Pump

A WILO BRAND

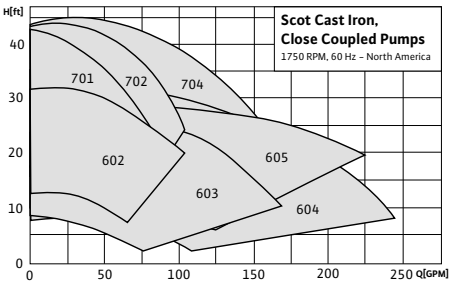
Scot's roots began as a provider to the agricultural industry, primarily for the transferring and spreading liquid fertilizers. Today, Scot has expanded their expertise to become a specialist in the manufacturing of close-coupled centrifugal pumps for the OEM, HVAC, military, and industrial markets. Scot's manufacturing facility in Cedarburg, Wisconsin is in the heartland of the some of the America's finest automated foundries, where quality castings and gray iron, bronze, stainless steel and aluminum are readily available.

Scot has a distributor network around North America which supports aftermarket and replacement demands by stocking most of the common parts and pumps they offer. Scot's commitment to quality and dedication to short lead times has cultivated a reputation of reliability and outstanding customer service.

Ft. Lauderdale, Florida is home to the Marine Division which provides all types of non-ferrous pumps and other solutions to yachts and commercial vessels.

Elite Cast Iron, Close-Coupled Pumps, 1750 RPM

Models: 602, 603, 604, 605, 701, 702, and 704



Application

- → Cooling Towers
- → Chillers
- → Plastic Injection Molding
- → Process Water Filtration & Circulation
- → Condensate Return
- → Heat Treating

Max. Flow

250 GPM

Max. Head

42 feet

Features & Benefits

- → Up to 2 HP and 3" Discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical Seal

Technical Data

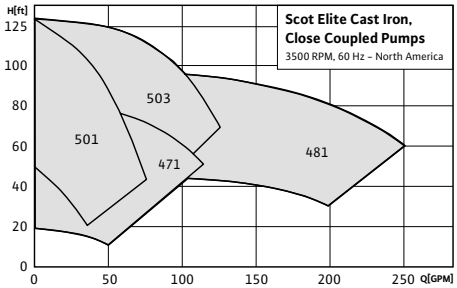
- → NEMA 60HZ J56 Frame
- → ODP, TEFC, Explosion-proof enclosures
- → 5.5"-6.5" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

Materials of Construction

- → NPT connections
- → Standard fitted
  - → 600 Series: 304SS impeller
  - → 700 Series: composite impeller
- → All Iron
- → Buna Carbon Ceramic seal standard
- → EPDM, Viton & Silicon Carbide available

Elite Cast Iron, Close-Coupled Pumps, 3500 RPM

Models: 501, 503, 471, and 481



Application

- → Cooling Towers
- → Chillers
- → Plastic Injection Molding
- → Process Water Filtration & Circulation
- → Condensate Return
- → Heat Treating

Max. Flow

250 GPM

Max. Head

125 feet

Features & Benefits

- → Up to 5 HP and 2" Discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical seal

Technical Data

- → NEMA 60HZ J56 Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 5½" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 150 PSI

Materials of Construction

- → NPT connections
- → Standard fitted
  - → 400 Series: 304SS impeller
  - → 500 Series: composite impeller
- → All Iron
- → Buna Carbon Ceramic seal standard
- → EPDM, Viton & Silicon Carbide available

Elite Cast Iron, Close-Coupled Pumps, 3500 RPM

Models: 602, 603, 604, 605, 701, 702, and 704

Application

- → Cooling Towers
- → Chillers
- → Plastic Injection Molding
- → Process Water Filtration & Circulation
- → Condensate Return
- → Heat Treating

Max. Flow

450 GPM

Max. Head

175 feet

Features & Benefits

- → Up to 15 HP and 3" Discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical seal

Technical Data

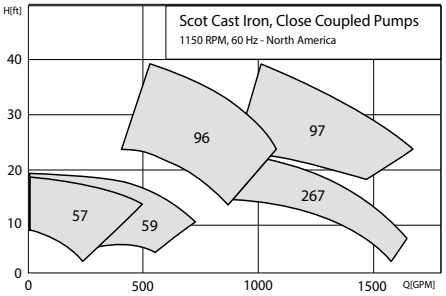
- → NEMA 60HZ, JM Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 6½" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

Materials of Construction

- → NPT connections
- → Standard fitted
  - → 600 Series: 304SS impeller
  - → 700 Series: composite impeller
- → All Iron
- → Buna Carbon Ceramic seal standard
- → EPDM, Viton & Silicon Carbide available

Cast Iron, Close-Coupled Pumps, 1150 RPM

Models: 57, 59, 96, 97, and 267



Application

- → Water Features
- → Water Parks

Max. Flow

4,500 GPM

Max. Head

60 feet

Features & Benefits

- → Up to 50 HP and 10" discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical seal

Technical Data

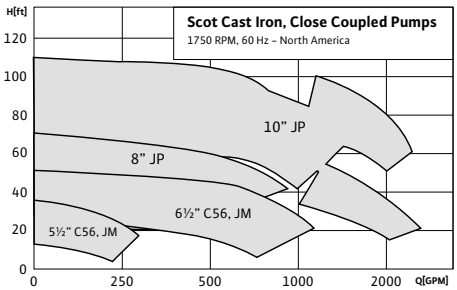
- → NEMA 60HZ JM, JP, JPZ Frames
- → ODP, TEFC, Enclosures
- → 6½" – 13" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

Materials of Construction

- → ANSI Flange connections
- → Standard fitted
- → Bronze fitted
- → All Iron
- → Buna Carbon Ceramic seal standard
- → EPDM, Viton & Silicon Carbide available

Cast Iron, Close-Coupled Pumps, 1750 RPM

Models: 5½" C56/JM, 6½" C56/JM, 8" JP, 10" JP



Application

- → Cooling Towers
- → Chillers
- → Plastic Injection Molding
- → Process Water Filtration & Circulation
- → Condensate Return
- → Heat Treating

Max. Flow

6,500 GPM

Max. Head

150 feet

Features & Benefits

- → Up to 150 HP and 10" discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical seal

Technical Data

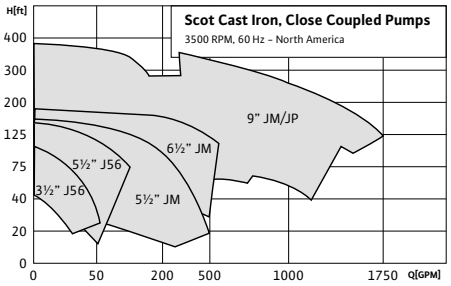
- → NEMA 60HZ C56, JM, JP, JPZ Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 5½" – 13" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

Materials of Construction

- → NPT and ANSI Flange connections
- → Standard fitted
- → Bronze
- → Fitted or All Iron
- → Buna Carbon Ceramic seal standard
- → EPDM, Viton & Silicon Carbide available

Cast Iron, Close-Coupled Pumps, 3500 RPM

Models: 3½" J56, 5½" J56/JM, 6½" JM, 9" JM/JP



Application

- → Cooling Towers
- → Chillers
- → Plastic Injection Molding
- → Process Water Filtration & Circulation
- → Condensate Return
- → Heat Treating

Max. Flow

1,750 GPM

Max. Head

375 feet

Features & Benefits

- → Up to 100 HP and 8" discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical seal

Technical Data

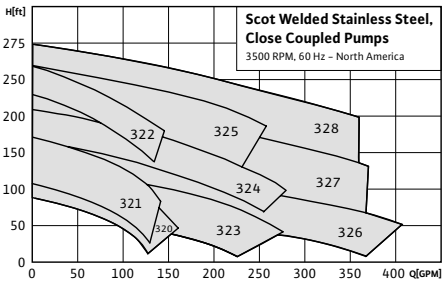
- → NEMA 60HZ, J56, JM, JP Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 3½" – 9" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

Materials of Construction

- → NPT and ANSI Flange connections
- → Standard fitted
- → Bronze fitted
- → All Iron
- → Buna Carbon Ceramic seal standard
- → EPDM, Viton & Silicon Carbide available

Welded Stainless Steel, Close-Coupled Pumps, 3500 RPM

Models: 320–328



Application

- Booster Systems
- Chillers
- Plastic Injection Molding
- Process Cooling Water
- Dishwashing Equipment
- Induction Heating / Cooling Water
- Potable Water

Max. Flow

400 GPM

Max. Head

275 feet

Features & Benefits

- NSF/ANSI 61 & 372 certified
- Up to 25 HP and 2" discharge
- Cast Iron adapter supports seal and prevents flexing of pump
- Close-coupled back pull-out design
- Centerline discharge
- Mechanical seal

Technical Data

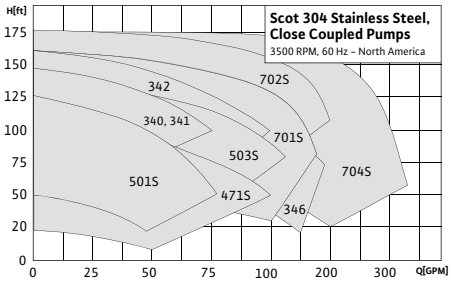
- NEMA 60HZ J56, JM, TC Frames
- ODP, TEFC, Explosion-proof enclosures
- 4.50" – 8.00" Max impeller
- Temp range: 0°F to 225°F
- Max working pressure: 175 PSI

Materials of Construction

- NPT and Flange connections
- 304 Stainless Steel casing, impeller and seal Plate. Cast Iron adapter
- Buna Carbon Ceramic seal standard
- EPDM, Viton & Silicon Carbide available

Elite Cast 304 Stainless Steel, Close-Coupled Pumps, 3500 RPM

Models: 471S, 340 Series, 500S Series, and 700S Series



Application

- Booster Systems
- Chillers
- Injection Molding Cooling
- Process Cooling Water
- Dishwashing Equipment
- Induction Heating / Cooling Water
- Potable Water

Max. Flow

325 GPM

Max. Head

175 feet

Features & Benefits

- NSF/ANSI 61 & 372 certification pending
- Up to 3 HP and 2" discharge
- Cast Iron adapter supports seal and prevents flexing of pump
- Close-coupled back pull-out design
- Mechanical seal

Technical Data

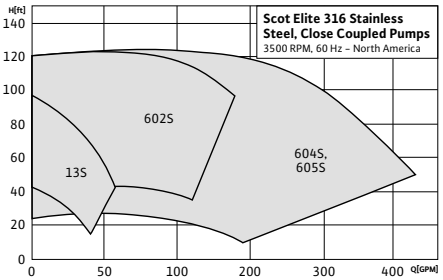
- NEMA 60HZ J56 Frames
- ODP, TEFC, Explosion-proof enclosures
- 4.50" – 6.50" Max impeller
- Temp range: 0°F to 225°F
- Max working pressure: 150 PSI

Materials of Construction

- NPT connections
- 304 Stainless Steel casing and adapter
  - 400 Series: 304SS impeller
  - 340, 500, 700 Series: composite impeller
- Buna Carbon Ceramic seal is standard
- EPDM, Viton & Silicon Carbide available

Elite Cast 316 Stainless Steel, Close-Coupled Pumps, 3500 RPM

Models: 13S, 602S, 604S, and 605S



Application

- Chiller
- Dishwashers
- Washing Equipment
- Process Cooling Water

Max. Flow

450 GPM

Max. Head

125 feet

Features & Benefits

- NSF/ANSI 61 & 372 certification pending
- Up to 15 HP and 3" discharge
- Heavy-duty construction
- Close-coupled back pull-out design
- Mechanical seal

Technical Data

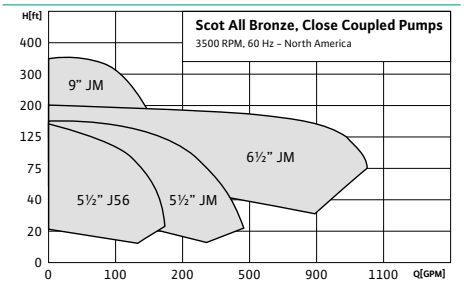
- NEMA 60HZ J56, TC Frames
- ODP, TEFC, Explosion-proof enclosures
- 5.63" Max impeller
- Temp range: 0°F to 250°F
- Max working pressure: 175 PSI

Materials of Construction

- NPT connections
- 316 Stainless Steel wetted components
- Viton Silicon Carbide Seal is standard

All Bronze, Close-Coupled Pumps 3500 RPM

Models: 5½" J56/JM, 6½" JM and 9" JM



Application

- Induction Heating Cooling Water
- Heat Exchanger
- Pressure Boosting
- Raw Water Supply

Max. Flow

1000 GPM

Max. Head

375 feet

Features & Benefits

- Up to 40 HP and 3" discharge
- Heavy-duty construction
- Close-coupled back pull-out design
- Mechanical seal

Technical Data

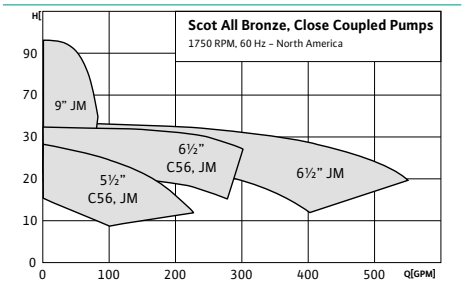
- NEMA 60HZ J56, JM Frames
- ODP, TEFC, Explosion-proof enclosures
- 5.00" – 9.00" Max impeller
- Temp range: 0°F to 250°F
- Max working pressure: 175 PSI

Materials of Construction

- NPT and ANSI flange connections
- 836 Bronze Case impeller and adapter
- Buna Carbon Ceramic seal is standard
- EPDM, Viton & Silicon Carbide available

All Bronze, Close-Coupled Pumps 1750 RPM

Models: 5½" C56/JM, 6½" C56/JM and 9" JM



Application

- Induction Heating Cooling Water
- Heat Exchanger
- Water Recirculation Systems
- Raw Water Supply

Max. Flow

500 GPM

Max. Head

95 feet

Features & Benefits

- Up to 20 HP and 4" discharge
- Heavy-duty construction
- Close-coupled back pull-out design
- Mechanical seal

Technical Data

- NEMA 60HZ C56, JM Frames
- ODP, TEFC, Explosion-proof enclosures
- 5.50" – 9.00" Max Impeller
- Temp range: 0°F to 250°F
- Max working pressure: 175 PSI

Materials of Construction

- NPT and ANSI flange connections
- 836 Bronze Case impeller and adapter
- Buna Carbon Ceramic seal is standard
- EPDM, Viton & Silicon Carbide available

Specialty Products

Hot Oil, Low Temp Chiller, Self-Priming, Vertical Flange, Vertical Floor Mounted, Vertical Sealless

Application

- Parts Washers
- Condensate Return
- Dewatering
- Water Features
- Refrigeration
- Heat Transfer

Max. Flow

6,000 GPM

Max. Head

180 feet

Features & Benefits

- Custom mounting configurations and features for unique applications

Technical Data

- NEMA 60HZ J56, JM, JP, JPZ, TCZ Frames
- ODP, TEFC, Explosion-proof enclosures
- 4.50" – 13.00" Max impeller
- Temp range: -30°F to 400°F

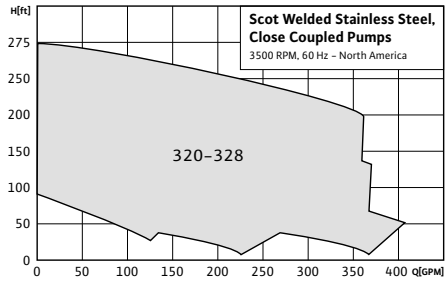
Materials of Construction

- NPT and flange connections
- Standard fitted
- Bronze fitted
- All Bronze
- All Iron
- Cast 316SS

CLASSIFIED c UL us WATER QUALITY

MotorPump™

Close-Coupled Pumps in Welded Stainless Steel, 3500 RPM



Application

- → Irrigation
- → Liquid Fertilizater Transfer
- → Bulk Tank Systems
- → Potable Water

Max. Flow

400 GPM

Max. Head

275 feet

Features & Benefits

- → NSF/ANSI 61 & 372 certified
- → Up to 25 HP and 2" discharge
- → Cast Iron adapter supports seal and prevents flexing of pump
- → Close-coupled back pull-out design
- → Centerline discharge
- → Mechanical seal

Technical Data

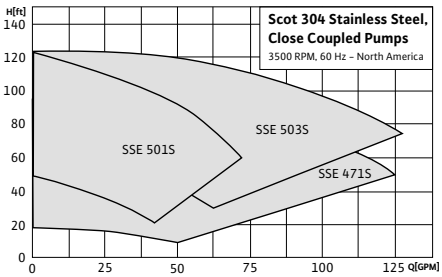
- → NEMA 60HZ J56, JM Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 4.50" – 8.00" Max impeller
- → Temp range: 0F to 225°F
- → Max working pressure: 175 PSI

Materials of Construction

- → NPT and flange connections
- → 304 Stainless Steel casing, impeller and seal Plate. Cast Iron adapter
- → Viton Carbon Ceramic seals standard, Viton SiC/SiC available

MotorPump™ Elite Series

Close-Coupled Pumps in Cast 304 Stainless Steel, 3500 RPM



Application

- → Irrigation
- → Liquid Fertilizer Transfer
- → Bulk Tank Systems

Max. Flow

450 GPM

Max. Head

120 feet

Features & Benefits

- → Up to 15 HP and 3" discharge
- → Cast 304 or 316 Stainless Steel construction
- → Close-coupled back pull-out design

Technical Data

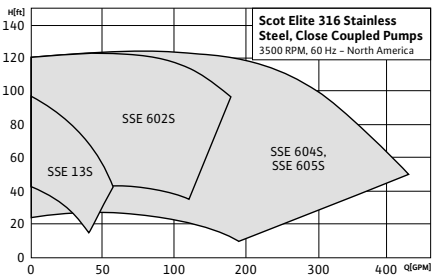
- → NEMA 60HZ J56, TC Frames
- → TEFC, Explosion-proof enclosures
- → 4.50" – 5.5" Max Impeller
- → Max working pressure: 175 PSI

Materials of Construction

- → NPT connections standard
- → 304/316 Stainless Steel casing and adapter
- → Composite or 304/316 impellers
- → Viton Carbon Ceramic seal on 304SS models, Viton SiC/SiC on 316SS models

MotorPump™ Elite Series

Close-Coupled Pumps in Cast 316 Stainless Steel, 3500 RPM



Application

- → Irrigation
- → Liquid Fertilizer Transfer
- → Bulk Tank Systems

Max. Flow

2,500 GPM

Max. Head

375 feet

Features & Benefits

- → Up to 100 HP and 6"discharge
- → Heavy-duty Cast Iron construction
- → Close-coupled back pull-out design

Technical Data

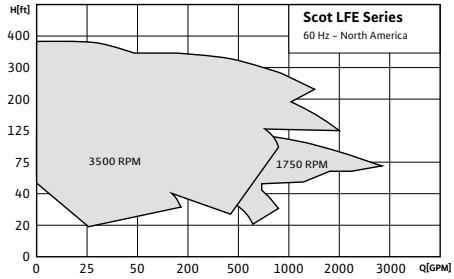
- → NEMA 60HZ J56, JM, JP frames
- → TEFC, Explosion-proof enclosures
- → 4.50" – 11.00" Max impeller
- → Max working pressure: 175 PSI

Materials of Construction

- → NPT and flange connections
- → All Cast Iron construction
- → Viton Carbon Ceramic seal standard
- → Viton SiC/SiC mechanical seals optional

MotorPump™ LFE Series

Cast Iron, Close-Coupled Pumps
1750/3500 RPM



Application

- Irrigation
- Liquid Fertilizer Transfer
- Bulk Tank Systems

Max. Flow

2500 GPM

Max. Head

375 feet

Features & Benefits

- Up to 100 HP and 6" discharge
- Heavy-duty Cast Iron construction
- Close-coupled back pull-out design

Technical Data

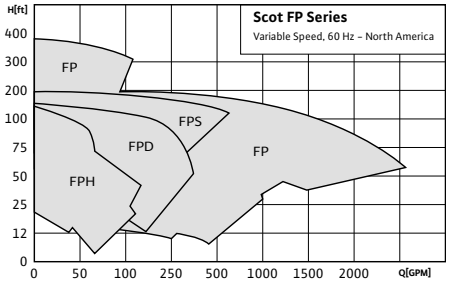
- NEMA 60HZ J56, JM, JP Frames
- TEFC, Explosion-proof enclosures
- 4.50" – 11.00" Max impeller
- Max working pressure: 175 PSI

Materials of Construction

- NPT and flange connections
- All Cast Iron construction
- Viton Carbon Ceramic seal standard
- Viton SiC/SiC mechanical seals optional

FramePumps™

Models: FPH, FPD, FP, Pressure Seal



Application

- Sprayer Systems
- Bulk Tank Systems
- Liquid Fertilizer Transfer

Max. Flow

2500 GPM

Max. Head

400 feet

Features & Benefits

- Heavy-duty bearing frames
- Pressure seal doubled sealed with 50/50 water glycol solution

Technical Data

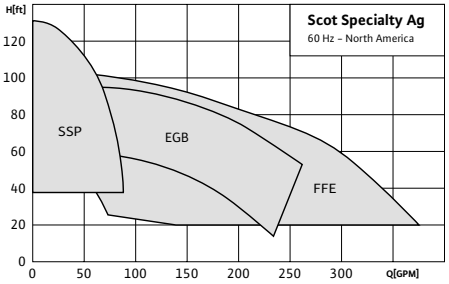
- Drive shafts 5/8" to 1 3/8"
- Pully, PTO, Hydraulic or Clutch

Materials of Construction

- Cast Iron or 316 Stainless Steel construction
- Viton Carbon Ceramic mechanical seal, other options available

MotorPump™, EnginePump™

Self-Priming Pumps, End Gun Booster



Application

- Portable Utility
- Liquid Fertilizer Transfer
- Irrigation
- Nurse Tank Applications

Max. Flow

400 GPM

Max. Head

140 feet

Features & Benefits

- Self-Priming design
- EnginePump™ uses Honda® OHC Engines
- Pump kits (less engine) available

Technical Data

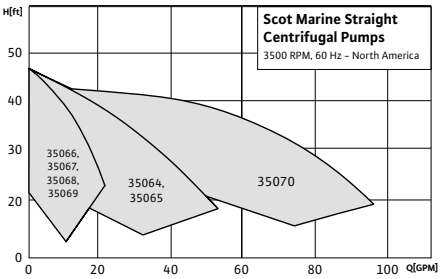
- Suction Lift 25'
- NEMA 60Hz J56, JM Frames
- TEFC Motors

Materials of Construction

- Cast Iron or Stainless Steel construction
- Viton Carbon Ceramic mechanical seal

Marine Straight Centrifugal Pumps

35000 Series



Application

→ Air Conditioning
→ Refrigeration
→ Cooling Water Circulation

Max. Flow

90 GPM

Max. Head

48 feet

Features & Benefits

→ Heavy-duty cast construction
→ Close-coupled back pull-out design
→ Enclosed & semi-open impeller
→ Continuous duty motor

Technical Data

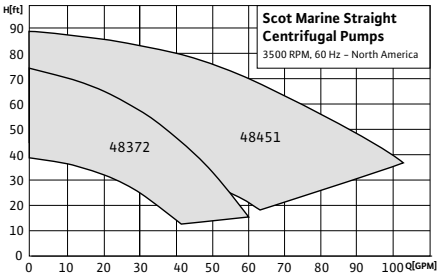
→ NEMA 50/60HZ motors
→ TEFC motor is standard
→ NPT connections

Materials of Construction

→ Marine Bronze Case, impeller and adapter

Marine Straight Centrifugal Pumps

48000 Series



Application

→ Air Conditioning
→ Refrigeration
→ Cooling Water Circulation

Max. Flow

110 GPM

Max. Head

90 feet

Features & Benefits

→ Heavy-duty cast construction
→ Close-coupled back pull-out design
→ Semi-open impeller
→ Continuous duty motor

Technical Data

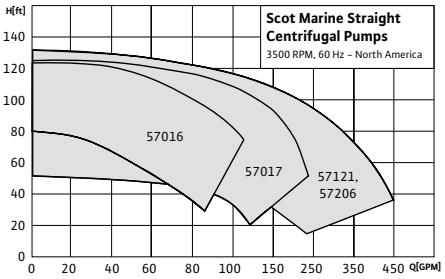
→ NEMA 50/60HZ motors
→ TEFC motor is standard
→ NPT connections

Materials of Construction

→ Marine Bronze Case, impeller and adapter

Marine Straight Centrifugal Pumps

57000 Series



Application

→ Air Conditioning
→ Refrigeration
→ Chilled Water Circulation

Max. Flow

400 GPM

Max. Head

130 feet

Features & Benefits

→ Heavy-duty cast construction
→ Close-coupled back pull-out design
→ Enclosed & semi-open impeller
→ Continuous duty motor

Technical Data

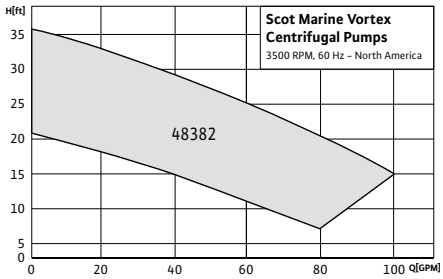
→ NEMA 50/60HZ motors
→ TEFC motor is standard
→ NPT connections

Materials of Construction

→ Marine Bronze Case, impeller and adapter

Marine Sewage & Wastewater Centrifugal Pumps

48382 Series



Application

- → Sewage Transfer
- → Wastewater

Max. Flow

100 GPM

Max. Head

50 feet

Features & Benefits

- → Heavy-duty cast construction
- → Close-coupled back pull-out design
- → Vortex impeller
- → Continuous duty motor

Technical Data

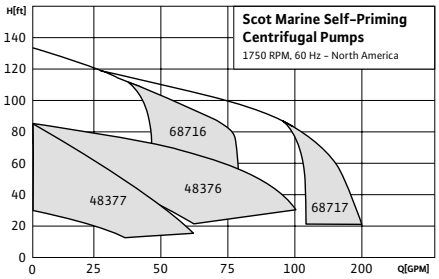
- → NEMA 50/60HZ motors
- → TEFC motor is standard
- → 2" NPT connections

Materials of Construction

- → Marine Bronze Case, impeller and adapter

Marine Self-Priming Centrifugal Pumps

48000 and 68000 Series



Application

- → Raw Water Intake
- → Air Conditioning
- → Refrigeration
- → Bilge/Ballast
- → Fire Fighting/Washdown

Max. Flow

200 GPM

Max. Head

100 feet

Features & Benefits

- → Heavy-duty cast construction
- → Close-coupled back pull-out design
- → Enclosed & semi-open impeller
- → Self-priming up to 20' lift
- → Continuous duty motor

Technical Data

- → NEMA 50/60HZ motors
- → TEFC motor is standard
- → NPT connections

Materials of Construction

- → Marine Bronze Case, impeller and adapter

Marine Vented Loops

20913 Series

Models and Sizes
Vented Loop with Vacuum Breaker

Loop Model No.	Size-D	Wt. (Lbs.)	Includes Vacuum Breaker Item
20913-VL-05	1/2	0.05	20913-VB-18F
20913-VL-06	5/8	0.06	20913-VB-18F
20913-VL-07	3/4	0.07	20913-VB-18F
20913-VL-09*	7/8	1.00	20913-VB-18F
20913-VL-10	1	1.10	20913-VB-18F
20913-VL-11**	1-1/8	1.20	20913-VB-38
20913-VL-15	1-1/2	1.30	20913-VB-38
20913-VL-20	2	1.70	20913-VB-38

*Same as 1/2" pipe O.D.
**Fits rule bilge pump hose

Application

- → Head Flushing Discharge Line
- → Engine Wet Exhaust Line
- → Bilge Pump Out Line

Features & Benefits

- → Stops Back Siphonage
- → Sizes 1/2"-2"
- → SAE Hose Barb connection

Technical Data

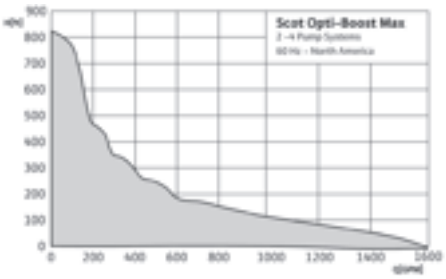
- → Delrin Vacuum Breaker included
- → Corrosion-proof construction

Materials of Construction

- → 316 Stainless Steel

Opti-Boost Max

1-4 Pump Pressure Boosting Systems



Application

- Water Supply
- Pressure Boosting
- Agriculture
- Washing/Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

1,578 GPM

Max. Head

807 feet

Features & Benefits

- High efficient EC motor (IE5)
- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard Modbus and BACnet™, LonWorks® interface modules (optional)
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

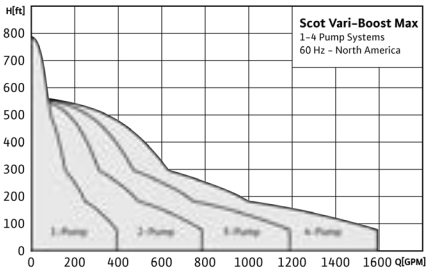
- Fluid temp range: -22°F to 248°F (-30°C to 120°C)
- Electrical connection: 3~460V
- Rated pressure: 232 or 363 PSI depending on number of pump stages
- System connection: 150 or 300 Class ANSI flanges depending on maximum system pressure
- TEFC motors standard

Materials of Construction

- All 304 Stainless Steel construction
- Entire packaged systems are listed under UL for NSF/ANSI 61
- Entire packaged systems are listed under UL for QCZJ "packaged pumping systems".
- EPDM/FKM Elastomers
- Mechanical seal options: Tungsten Carbide/ EPDM, or optional Viton®/FKM

Vari-Boost Max

1-4 Pump Pressure Boosting Systems



Application

- Water Supply
- Pressure Boosting
- Agriculture
- Washing/Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

1,600 GPM

Max. Head

580 feet

Features & Benefits

- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard Modbus and optional BACnet™, LonWorks® interface modules
- Variable speed control per pump
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

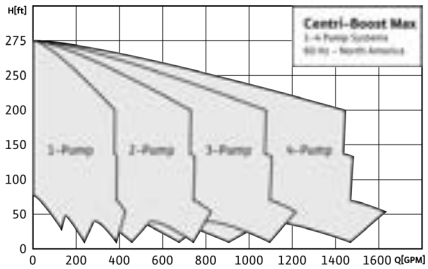
- Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a minimum of 32°F for domestic water
- Electrical connections: 3~208 230/460/575V
- Rated pressure: 232/363 PSI
- System flange connection: 150 Class ANSI or 300 Class ANSI
- TEFC motors standard

Materials of Construction

- All 304 Stainless Steel construction
- Entire packaged systems are listed under UL for NSF 61 and NSF 372
- Entire packaged systems are listed under UL for QCZJ "packaged pumping systems"
- EPDM/FKM elastomers
- Mechanical seal options: Tungsten Carbide/ EPDM, or optional Viton®/FKM

Centri-Boost Max

1-4 Pump Pressure Boosting Systems



Application

- Water Supply
- Pressure Boosting
- Agriculture
- Washing/Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

1,600 GPM

Max. Head

275 feet

Features & Benefits

- Includes Scot 320-328 series Stainless Steel pumps
- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard Modbus and optional BACnet™, LonWorks® interface modules
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

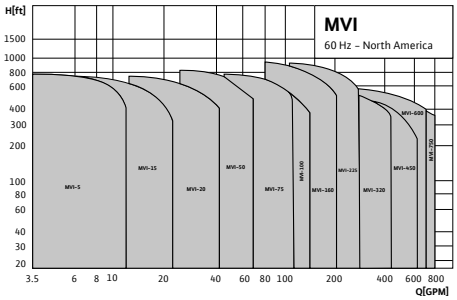
- Fluid temp range: -4°F to 140°F (-20°C to 60°C) with a minimum of 32°F for domestic water
- Premium efficient NEMA motors
- VFD-Controlled system operation
- 4-20 mA, ¼" Stainless Steel Pressure Transducers
- Rated pressure: 150 PSI
- Flange connection: 150 Class ANSI

Materials of Construction

- All wetted components are of 304 Stainless Steel construction
- Entire packaged systems are listed under UL for NSF 61 and NSF 372
- Entire packaged systems are listed under UL for QCZJ packaged pumping systems
- EPDM/FKM elastomers
- Type 21 Mechanical seal

MVI

High-Pressure Vertical Multistage Centrifugal Pumps



Application

- Water Supply
- Pressure Boosting
- Industrial Circulation Systems
- Process Water
- Cooling Water Circulation Systems
- Washing Systems
- Irrigation

Max. Flow

800 GPM

Max. Head

950 feet

Features & Benefits

- Non-self-priming, high pressure, vertical multistage centrifugal pump with inline connections
- The MVI is equipped with cartridge mechanical seal which enables quick and easy maintenance
- The spacer coupling allows the mechanical seal to be replaced without removing the motor
- The MVI series is also available with variable frequency drive upon request

Technical Data

- NSF/ANSI 372 and 61 certified
- Power connections: 1~115/230 V
  3~ 230/460/575 V
- Fluid temperature range determined by liquid type
- Ambient temperature: 5°F to 104°F
- Max. operating pressure: 145 PSI, 232 PSI, 363 PSI and 435 PSI
  (Depending on number of stages)

Materials of Construction

- ANSI CLASS flanges connection
- 304 and 316 Stainless Steel construction
- Stainless Steel impellers, chambers, and casing

WEIL
Pump

A WILO BRAND

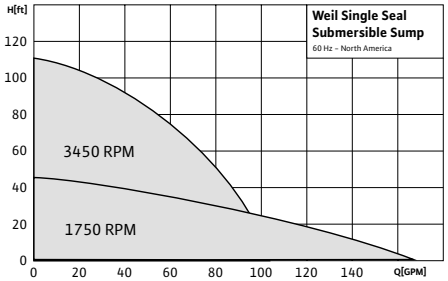
Weil has long been at the forefront in the design and manufacturing of centrifugal pumps for construction, industrial, commercial, and municipal applications.

Dedicated to building a product that engineers can specify, and contractors can sell and install with confidence, quality has always come first. In addition to pumps, Weil manufactures removal systems and controls, ensuring single-source accountability and trouble-free start-up and operation.

Weil's insistence on high-quality, rugged designs ensures the least maintenance over the life of the pump and yields the lowest lifecycle cost of any pump available. Additionally, Weil has an exclusive, national network of sales representatives whose interests and efforts continue even after the sale.

Single Seal Submersible Sump Pumps

Series 1400



Application

- Elevator Pits
- Below Ground Vaults
- Process Water
- Storm Water
- Runoff
- Drainage

Max. Flow

165 GPM

Max. Head

105 feet

Features & Benefits

- Long-duty life
- Heavy-duty, rugged, industrial grade construction
- Air-filled motor
- NPT/ANSI Flange and discharge connections
- Customizable construction

Technical Data

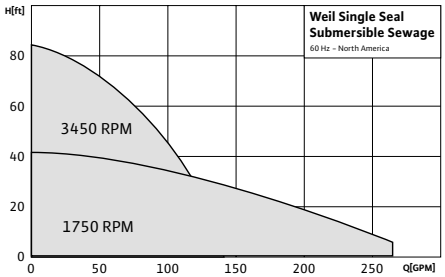
- Class F Insulation
- Double-sealed ball bearings
- Up to 180°F operation
- Copper motor windings
- ½ to 2 HP
- 1 & 3 phase, 115/208-230/460 Volts

Materials of Construction

- Cast Iron—standard
- Optional Bronze or 316 Stainless Steel impellers
- Optional 316 Stainless Steel cases
- SOOW Cable
- Buna/Viton Seals and O-rings

Single Seal Submersible Sewage Pumps

Series 2400



Application

- Below Ground Vaults
- Effluent & Wastewater
- Clear and Grey water with solids, ideal for sewage pits

Max. Flow

260 GPM

Max. Head

85 feet

Features & Benefits

- Heavy-duty, rugged, construction floor mount or quick removal style
- Long-duty life
- Air-filled motor
- Customizable options

Technical Data

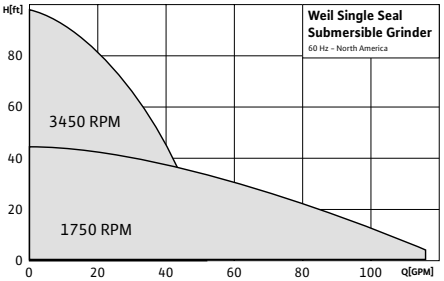
- Class F Insulation
- Thick gauge copper windings
- Type 21 mechanical seal
- Double-sealed ball bearings
- SOOW power and sensor cable
- ½ to 2 ½ HP
- 1 & 3 phase 115/208-230/460 Volts

Materials of Construction

- Cast Iron motor and pump housings
- Optional Bronze and 316 Stainless Steel Impellers and 316 Stainless Steel cases
- Buna/Viton Seals and O-rings
- Stainless hardware

Single Seal Submersible Grinder Pumps

Series 2400



Application

- Residential sewage basins
- Commercial & Industrial sewage pit
- Underground Vaults
- Process water with debris

Max. Flow

125 GPM

Max. Head

100 feet

Features & Benefits

- Reduces sewage solids and debris to 3/8" diameter or less
- Long-life Stainless Steel cutting components hardened to Rockwell 58C

Technical Data

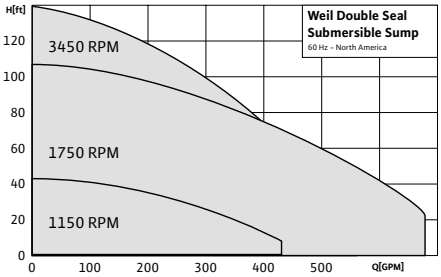
- Class F Insulation
- Thick gauge copper windings
- Type 21 mechanical seal
- Double-sealed ball bearings
- SOOW power and sensor cable
- ½ to 2 ½ HP
- 1 & 3 phase 115/208-230/460 Volts

Materials of Construction

- Cast Iron motor and pump housings
- Optional Bronze and 316 Stainless Steel Impellers and 316 Stainless Steel cases
- Buna/Viton Seals and O-rings

Double Seal Submersible Sump Pumps

Series 1600



Application

- Commercial & Industrial Pits
- Pump Clear and Grey Water
- Effluent & Wastewater with some solids
- Loading docks, washdown, parking lots, flood vaults

Max. Flow

675 GPM

Max. Head

145 feet

Features & Benefits

- Double-sealed ball bearings
- Heavy-duty, rugged, Cast Iron construction
- Long-duty life
- Double-mechanical seal –type 21
- UL/CUL listed explosion-proof designs for class 1, div 1 applications

Technical Data

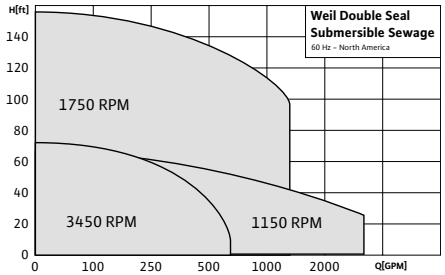
- Class F Insulation
- Thick gauge copper windings
- Double-sealed ball bearings
- SOOW power and sensor cable
- 1/2 to 15 HP
- 1 & 3 phase 115/208-230/460/575 Volts

Materials of Construction

- Cast Iron motor and pump housings
- Optional Bronze and 316 Stainless Steel Impellers and 316 Stainless Steel cases
- Buna/Viton seals and O-rings
- Stainless hardware

Double Seal Submersible Sewage Pumps

Series 2500



Application

- Passes sewage/solids up to 4" diameter for use in sanitary, wastewater, effluent process fluids
- Vaults and pits, stormwater/runoff, flood

Max. Flow

2,500 GPM

Max. Head

155 feet

Features & Benefits

- Semi-open and enclosed impeller designs
- Double-sealed ball bearings
- Heavy-duty, rugged, Cast Iron construction
- Long-duty life
- Double-mechanical seal –type 21
- UL/CUL listed explosion-proof designs for class 1, div 1 applications

Technical Data

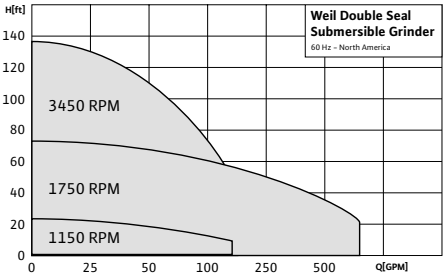
- Class F Insulation
- Thick gauge copper windings
- Double-sealed ball bearings
- SOOW power and sensor cable
- ½ to 50 HP - 50-60hz
- 1 and 3 phase 115/208-230/460/575 Volt
- 1150/1750/3500 RPM

Materials of Construction

- Cast Iron motor and pump housings
- Optional Bronze and 316 Stainless Steel Impellers and 316 Stainless Steel cases
- Buna/Viton Seals and O-rings
- Stainless hardware

Double Seal Submersible Grinder Pumps

Series 2500



Application

- Residential sewage basins, commercial and industrial sewage pit, underground vaults, process water with debris

Max. Flow

660 GPM

Max. Head

135 feet

Features & Benefits

- Reduces sewage solids and debris to 3/8" diameter or less
- Long-life Stainless Steel cutting components hardened to Rockwell 58C
- Double-mechanical seal–type 21
- UL/CUL listed explosion-proof designs for class 1, div 1 applications
- 440 C stainless Grinder/Cutter components

Technical Data

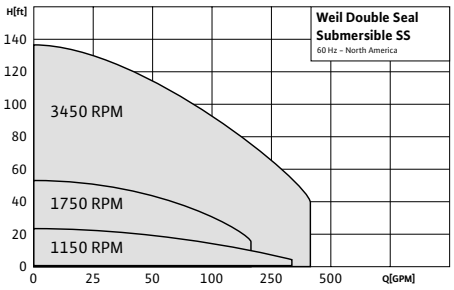
- Class F Insulation
- Thick gauge copper windings
- Double-sealed ball bearings
- SOOW power and sensor cable
- 3/4 to 6 HP
- 1 & 3 phase 115/208-230/460/575 Volts

Materials of Construction

- Cast Iron motor and pump housings
- Optional Bronze and 316 Stainless Steel Impellers and 316 Stainless Steel cases
- Buna/Viton seals and O-rings

Double Seal Submersible Stainless Pumps

Series 1600S, 2500S



Application

→ Leachate drainage, brackish water, hospital sumps, laboratory waste, chemical process/ waste

Max. Flow

425 GPM

Max. Head

135 feet

Features & Benefits

→ Quick remove or floor mount 316 Stainless Steel sump, sewage, grinder pumps 1.25-3" discharge
→ Semi-open and enclosed impeller designs
→ Double-sealed ball bearings
→ Heavy-duty, rugged, Cast Iron construction
→ Long-duty life
→ Double mechanical seal –type 21
→ UL/CUL listed explosion-proof designs for class 1, div 1 applications

Technical Data

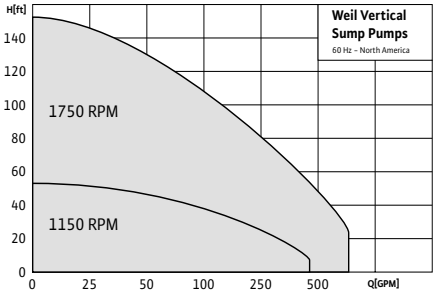
→ ½ - 6 HP – 50/60hz
→ 1 & 3 phase 115/208-230/460/575 Volt
→ 1150, 1750, 3500 RPM
→ Viton Seals and O-rings
→ STOOW Chemical-resistant cable

Materials of Construction

→ All 316 Stainless Steel castings for pump and motor housings

Vertical Sump Pumps

Series 1100, 1200, 1300



Application

→ Residential, commercial, industrial sump pits, process fluids, underground vaults
→ Clear and grey water with small strained solids

Max. Flow

675 GPM

Max. Head

155 feet

Features & Benefits

→ Column style clear/grey water sump pumps in 1.25-4" discharge
→ 2ft – 16ft build lengths
→ Flexible coupled
→ Customizable construction
→ NEMA C-Face TEFC motor
→ Heavy-duty, rugged, Cast Iron pump and bearing housings
→ Precision machined and polished shaft

Technical Data

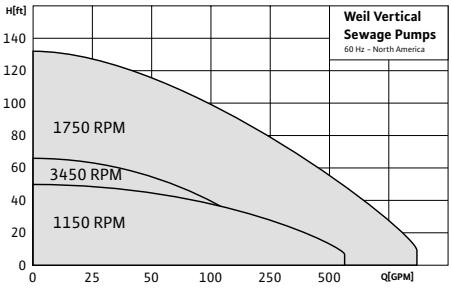
→ ½-15 HP – 50/60hz
→ 1 & 3 phase 115/208-230/460/575 Volt
→ 1150, 1750, 3500 RPM

Materials of Construction

→ Cast Iron pump and bearing housings
→ Optional Bronze impeller
→ Bronze sleeve bearings–grease lubricated
→ Double-sealed ball thrust bearing
→ Galvanized column legs, pipe, and floor plate

Vertical Sewage Pumps

Series 2100, 2200



Application

→ Passes sewage/solids up to 4" diameter for use in sanitary, wastewater, effluent process fluids
→ Vaults and pits, stormwater/runoff, flood

Max. Flow

875 GPM

Max. Head

130 feet

Features & Benefits

→ Column style sewage/solids handling pumps in 2-6" discharge
→ 2ft – 16ft build lengths
→ Flexible coupled
→ Customizable construction
→ NEMA C-Face TEFC motor
→ Heavy-duty, rugged, Cast Iron pump and bearing housings
→ Precision machined and polished shaft

Technical Data

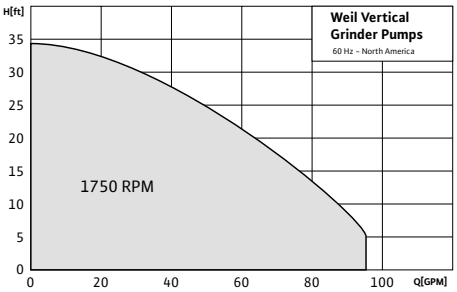
→ ½-30HP – 50/60hz
→ 1 & 3 phase 115/208-230/460/575 volts
→ 1150/1750 RPM

Materials of Construction

→ Cast Iron pump and bearing housings
→ Optional Bronze impeller
→ Bronze sleeve bearings–grease lubricated
→ Double-sealed ball thrust bearing
→ Galvanized column legs, pipe, and floor plate

Vertical Grinder Pumps

Series 2100



Application

→ Residential sewage basins, commercial and industrial sewage pit, underground vaults, process water with debris

Max. Flow

90 GPM

Max. Head

34 feet

Features & Benefits

→ Column style sewage/solids grinder pump -2" discharge
→ Reduces sewage solids and debris to 3/8" diameter or less
→ Long-life Stainless Steel cutting components hardened to Rockwell 58C

Technical Data

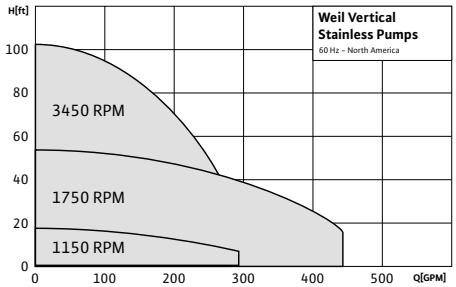
→ ½-5HP – 50/60hz
→ 1 & 3 phase 115-208-230/460/575 Volts
→ 1750-3500RPM

Materials of Construction

→ Cast Iron pump and bearing housings
→ Optional bronze impeller
→ Bronze sleeve bearings–grease lubricated
→ Double-sealed ball thrust bearing
→ Galvanized column legs, pipe, and floor plate
→ 440C Stainless Steel Grinder/Cutter components

Vertical Stainless Pumps

Series 1200S, 1300S, 2100S



Application

→ Leachate drainage, brackish water, hospital sumps, laboratory waste, chemical process/ waste

Max. Flow

425 GPM

Max. Head

110 feet

Features & Benefits

→ Column style 316 Stainless Steel Sump/ Sewage/Grinder pumps in 1.25-3" discharge
→ Heavy-duty grade 316 Stainless Steel cast components to withstand wet and corrosive environments
→ NEMA C Face TEFC motor

Technical Data

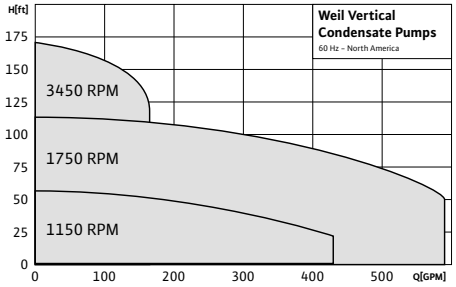
→ ½-6HP 50/60hz
→ 1 & 3 phase 115/208-230/460/575 Volts
→ 1150, 1750, 3500 RPM

Materials of Construction

→ 316 Stainless Steel cast pump and bearing housings
→ Graphite sleeve bearings
→ 316 Stainless Steel column legs and discharge pipe
→ Galvanized floor plates

Vertical Condensate Pumps

Series 4500



Application

→ Hot water condensate (210°F), cold water condensate, moderate acidic or alkaline process water, grease-free pits

Max. Flow

600 GPM

Max. Head

175 feet

Features & Benefits

→ Column style clear condensate water pump in 1.5-3" discharge
→ Stainless Steel shaft, bronze impeller, and graphite sleeve bearings able to withstand high temperatures and slightly corrosive environments
→ NEMA C Face TEFC motor

Technical Data

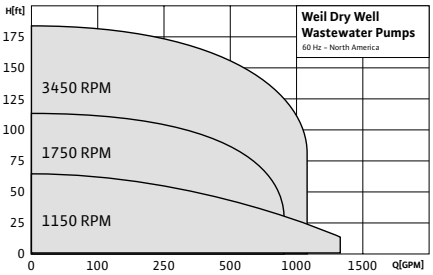
→ ½-5HP – 50/60hz
→ 1 & 3 phase 115/208-230/460/575 Volts
→ 1150, 1750, 3500 RPM Motor

Materials of Construction

→ 416 Stainless Steel shaft
→ Graphite sleeve bearings
→ Bronze enclosed impeller
→ Heavy-duty, rugged, cast pump housings/ bearings

Dry Well Wastewater Pumps

Series 2800



Application

→ Above ground tank with pipe connection, clear or grey water collection tanks, sewage, and solids tanks, where pump and motor must be easily visible and accessible

Max. Flow

1,300 GPM

Max. Head

185 feet

Features & Benefits

→ Close-coupled end suction sump/sewage pumps
→ Close-coupled back pull-out design, horizontal or vertical mount, sump sewage, and grinder models

Technical Data

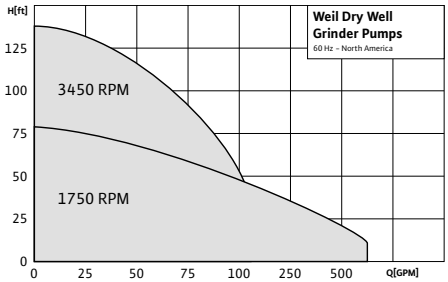
→ NEMA JM frame TEFC motor
→ ANSI flange and NPT connections
→ 2-4" discharge
→ ¾-10HP – 50/60hz
→ 1 & 3 phase, 115-208-230/460/575 Volt
→ Type 21 mechanical seal

Materials of Construction

→ Cast Iron pump construction
→ Bronze and Stainless Steel options
→ Bronze or Stainless Steel shaft sleeve
→ Buna mechanical seal and O-rings

Dry Well Grinder Pumps

Series 2800



Application

→ Above ground tank with pipe connection, clear or grey water collection tanks, sewage, and solids tanks, where pump and motor must be easily visible and accessible

Max. Flow

660 GPM

Max. Head

135 feet

Features & Benefits

→ Close-coupled end suction grinder pump 2" discharge
→ Close-coupled back pull-out design, horizontal or vertical mount, sump sewage and grinder models

Technical Data

→ NEMA JM Frame TEFC motor
→ 1-7.5HP – 50/60hz
→ 1750, 3500 RPM
→ 1 & 3 phase 115/208-230/460/575 Volt
→ Type 21 mechanical seal

Materials of Construction

→ Cast Iron pump construction
→ Bronze and Stainless Steel options
→ Bronze or Stainless Steel shaft sleeve
→ Buna mechanical seal and O-rings
→ 440C Stainless Steel Grinder/Cutter components

Pump Accessories

Series 2600

Includes:

→ Quick Removals
→ Valve Systems
→ Reverse Flow Systems
→ Flush Valve

Application

→ Sump and sewage pit, fiberglass basins, concrete vault

Max. Flow

N/A

Max. Head

N/A

Features & Benefits

→ Quick removal systems and accessories
→ Facilitate the installation and removal of submersible sump, sewage, grinder, and vortex pumps

Technical Data

→ Simplex and duplex sub base plate
→ Simplex and duplex floor elbows and sliding brackets
→ Floor elbow and flange kits

Materials of Construction

→ Cast Iron standard
→ Bronze sliding brackets–optional
→ 316 stainless systems-optional cast

Packaged Systems

Series 2640

Includes:

- Basin
- Basin cover
- Sub base
- Removal system
- Pumps
- Valves
- Piping
- Floats
- Junction box
- Control panel

Application

- Below ground sump and sewage pits
- Below cover or through-cover designs

Max. Flow

N/A

Max. Head

N/A

Features & Benefits

- Fiberglass basin package systems with pumps, valves, piping, and cover
- Thick-walled basin with anti-float flange and lift lugs
- Studded for quick remove systems
- Discharge coupling plates

Technical Data

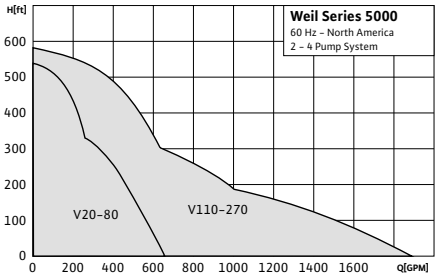
- Through sidewall bolted plates for discharge and electrical cables
- Oversized anti-float plate

Materials of Construction

- Fiberglass basin
- Galvanized piping
- Cast Iron valve assembly
- Aluminum or Steel cover

Booster Systems

Series 5000 – Vertical Multistage & Horizontal End Suction



Application

- Water Supply
- Pressure Boosting
- Agriculture
- Washing / Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

2,100 GPM

Max. Head

600 feet

Features & Benefits

- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard Modbus and optional BACnet™, LonWorks® interface modules
- Variable speed control per pump
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

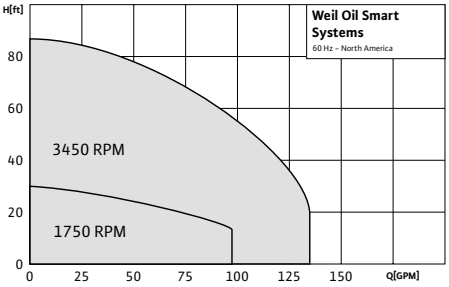
- Certified to NSF/ANSI 372 & 61
- Temp range: 4°F to 248°F (-15°C to 120°C)
- Electrical Connections: 3~208-230/460/575v
- Rated pressure: 232 PSI or 363 PSI
- Flange connection: 300 class ANSI
- TEFC motors standard

Materials of Construction

- All 304 Stainless Steel construction
- EPDM/FKM Elastomers
- Mechanical seal options
- Tungsten Carbide/EPDM, or optional Viton®/ FKM Mechanical seal

Oil Smart Systems

Series 8400



Application

- Elevator pits, containment sites, transformer pits
- Curve shown above represents stocked units

Max. Flow

2,500 GPM

Max. Head

155 feet

Features & Benefits

- Submersible pump, oil sensor, and alarm package
- Single seal submersible floor mount pump
- Piggyback and direct control designs
- Conductive pump control sensor
- Conductive oil alarm sensor

Technical Data

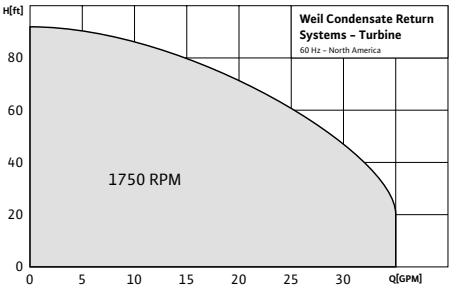
- 1 & 3 phase
- 115/208-230/460 volt
- 1750 and 3500 RPM pumps
- Simplex and duplex designs

Materials of Construction

- Cast Iron pump
- Type 4 plastic control box
- SOOW cables

Weil Condensate Return Systems – Turbine Pumps

Series 4100



Application

- Cold and hot water condensate recovery system
- Simplex or duplex

Max. Flow

35 GPM

Max. Head

90 feet

Features & Benefits

- Condensate return system includes tank, pump and control
- Close tolerance regenerative turbine pump
- Simple pump pull-out design

Technical Data

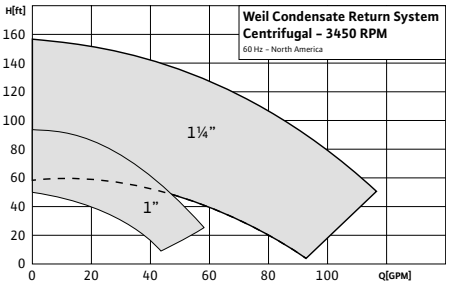
- 1 & 3 phase, 50/60 hz
- 115/208-230/460/575 volt
- 1750 RPM

Materials of Construction

- Steel receiver
- Cast Iron pumps/Bronze option
- Stainless Steel float

Weil Condensate Return Systems – Centrifugal Pumps

Series 4200



Application

- Cold and hot water condensate recovery system
- Simplex or duplex

Features & Benefits

- Condensate return system includes tank, pump, & control
- End suction centrifugal close-coupled pump design
- Mechanical alternator

Technical Data

- 1 & 3 phase, 50/60 hz
- 115/208-230/460/575 volt
- 3500 RPM

Weil Control Panels – PLC & PLC/VFD

Series 8100

Application

- Turns pumps on & off via level controls, including transducers or floats
- Status indicators, fault indicators for alarm conditions, audible alarms
- Controls pumps used in sump and sewage pumping application

Features & Benefits

- Smart control panels to operate from 1-4 pumps
- PLC technology, transducer capable, failsafe circuits, advanced communications

Technical Data

- 1 & 3 phase, 50/60 hz
- 115/208-230/460/575 volt
- UL 508 and UL 698 listed

Materials of Construction

- Steel and coated
- Fiberglass, Stainless Steel

Weil Control Panels-Electromechanical

Series 8100

Application

- Turns pumps on & off via level controls,
- Status indicators, fault indicators for alarm conditions, audible alarms

Features & Benefits

- Control panels to operate from 1 to 4 pumps
- Controls pumps used in sump and sewage pumping application

Technical Data

- 1 & 3 phase, 50 & 60 hz
- 115/208-230/460/575 volts
- UL 508 and UL 698 listed

Materials of Construction

- Steel and coated
- Fiberglass, Stainless Steel

Weil Level Controls, Junction Boxes, and Alarms

Series 8200, 8300

Application

- Clear water pits, sewage pits, SS models for corrosive pits

Features & Benefits

- High-quality sealed housings that ensure trouble-free operation
- Variable BUNA power cable

Technical Data

- 115 volt typical, DC for ISR applications
- Pilot-duty and full HP models

Materials of Construction

- Housing: plastic, delrin, ABS, Stainless Steel
- Buna power cable and seals

Weil Basin Covers, Floor Plates, Curb Rings and Frames

Series 8800

Application

- Round basins for vertical or submersible pumping applications
- Square basins for vertical or submersible pumping applications

Features & Benefits

- Thick steel cover with flange kits, float plates, and cable plates

Technical Data

- Up to 78" OD, 3/8" or ½" thick steel

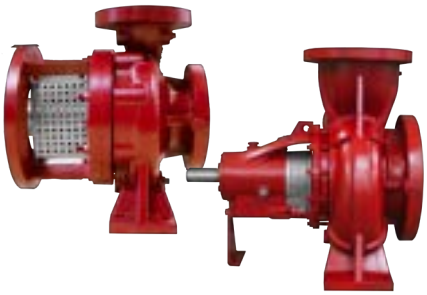
Materials of Construction

- Zinc-plated floor plates and flanges, rubber gaskets
- Steel, Zinc dichromate-plated steel, BUNA rubber, Gastight sealant

AMERICAN-MARSH PUMPS

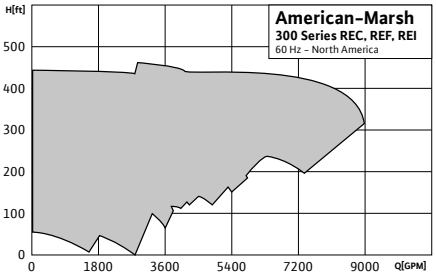
A WILO BRAND

For over 140 years, American-Marsh Pumps has provided pumps for the industrial, municipal, agricultural, commercial and fire protection markets. The pump offerings include end suction, process sump, non-clog self-priming, split-case and ANSI process as well as vertical and submersible turbines. The American-Marsh campus, featuring a 300,000-gallon HI certified test laboratory, located in Collierville, Tennessee, was acquired by WILO USA LLC in 2019.



300 Series REC, REF

REC Close-Coupled & REF
Flex-Coupled End Suction Pumps



Application

- Agriculture & Irrigation
- Commercial
- Industrial
- Municipal
- Circulation
- Booster
- HVAC

Max. Flow

9,000 GPM

Max. Head

450 feet

Features & Benefits

- Back pull-out design
- Replaceable case wear rings
- Internal plan 1 seal flush
- CL 250 cast flanges drilled to CL 125
- Centerline discharge
- Integral feet on casing
- Suction & discharge flanges drilled & tapped for gauges
- Standard T-frame motors on flex-coupled models
- REC close-coupled utilize standard C-face T-frame motors
- REF base mounted, flex-coupled

Technical Data

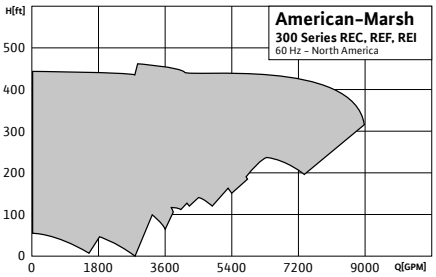
- Temperatures up to 180°F
- Discharge sizes: 1.25" - 12"

Materials of Construction

- Cast Iron
- Stainless Steel fitted
- 810 Component seal

300 Series REI

Vertical Inline End Suction Pumps



Application

- Agriculture & Irrigation
- Commercial
- Industrial
- Municipal
- Circulation
- Booster
- HVAC

Max. Flow

9,000 GPM

Max. Head

450 feet

Features & Benefits

- Back pull-out design
- Replaceable case wear rings
- Internal plan 1 seal flush
- CL 250 cast flanges drilled to CL 125
- Centerline discharge
- Integral feet on casing
- Suction & discharge flanges drilled & tapped for gauges
- REI close-coupled utilize standard C-face T-frame motors

Technical Data

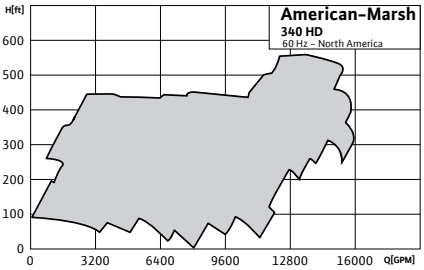
- Temperatures up to 180°F
- Discharge sizes: 2" - 12"

Materials of Construction

- Cast Iron
- Stainless Steel fitted
- 810 Component seal

340 Series HD

Double Suction Split Case Pumps



Application

- Circulation
- Booster
- HVAC
- Transfer
- Cooling Tower
- Agriculture & Irrigation

Max. Flow

16,000 GPM

Max. Head

550 feet

Features & Benefits

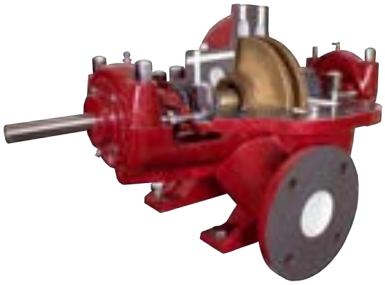
- Double suction impellers
- Heavy-duty construction
- Replaceable bearings without full disassembly
- Case wear rings
- Internal plan 1 flush

Technical Data

- Temperature up to 180°F
- Base mounted, flex-coupled
- Discharge sizes: 2.5"-14"

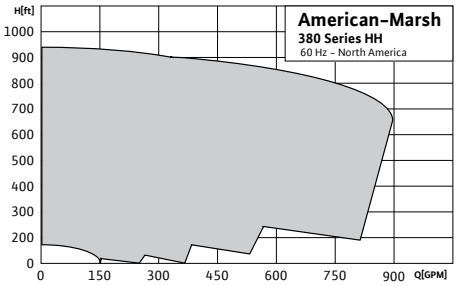
Materials of Construction

- Cast Iron
- Bronze fitted
- Packed or mechanical seal
- Optional metallurgies available



380 Series HH

Two-Stage Horizontal Split Case Pumps



Application

- Boiler Feed
- Condensate
- High Pressure Booster

Max. Flow

900 GPM

Max. Head

950 feet

Features & Benefits

- High head
- Opposed impellers
- Optional ring-oiled lubrication

Technical Data

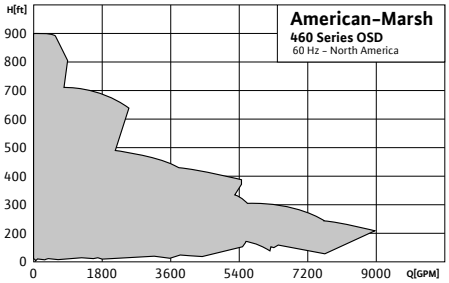
- Temperature up to 220°F
- Base mounted, flex-coupled
- Discharge sizes: 1.5" to 4"

Materials of Construction

- Cast Iron
- Bronze fitted

460 Series OSD

ANSI B73.1 Process Pumps



Application

- Process
- Petrochemical
- Pulp & Paper
- Steel Mills
- Municipal

Max. Flow

7,000 GPM

Max. Head

900 feet

Features & Benefits

- Reverse-vane
- Semi-open & low flow impellers
- Back pull-out
- Heavy-duty
- Multiple stuffing box configurations

Technical Data

- Temperature up to 220°F
- Base mounted, flex-coupled
- Discharge sizes: 1"-8"

Materials of Construction

- Stocked in Cast Steel & 316 SS, CD4 is available
- Optional metallurgies available

480 Series Vertical Turbine

Open & Enclosed Lineshaft, Submersible, Axial & Mixed Flow Pumps

Application

- Steel Mill
- Power Plant
- Water Well
- Commercial
- Irrigation
- Municipal

Max. Flow

30,000 GPM

Max. Head

1,000 feet

Features & Benefits

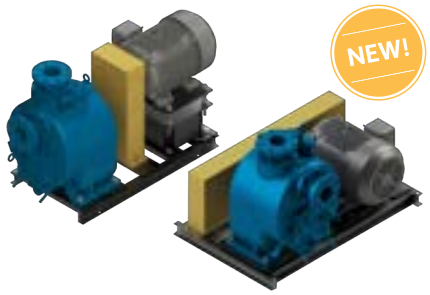
- Modular design enameled bowls through 15" for VT
- Cast Iron, 316 Stainless Steel fitted for VT
- Cast Iron, Bronze fitted for axial & mixed flow pumps
- Cast Iron or fabricated Steel discharge heads
- Semi-open, enclosed, axial & mixed flow impellers

Technical Data

- Temperature up to 180°F
- Bowl diameters: 5"-42"

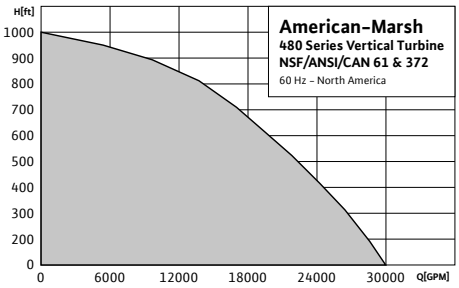
Materials of Construction

- Cast Iron
- Bronze or Stainless Steel fitted
- Optional metallurgies available



480 Series Vertical Turbine NSF

Open Lineshaft Pumps



Application

- → Potable Water
- → Water Well

Max. Flow

30,000 GPM

Max. Head

1,000 feet

Features & Benefits

- → Open lineshaft design
- → Packing and cartridge seal options
- → Threaded column pipe up to 12"
- → Flanged column pipe up to 24"
- → Drop in or fabricated bearing retainers
- → Threaded or keyed lineshafts up to 2-15/16"
- → Optional suction can / barrel
- → Epoxy coatings

Technical Data

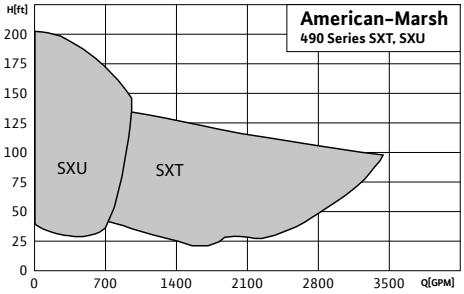
- → Certified to NSF/ANSI/CAN 61 & 372
- → Cold (73 °F / 23 °C) water contact temperature
- → Colleted impellers 6" - 15"
- → Keyed impellers 16" - 42"
- → Bowl sizes 6" - 42"

Materials of Construction

- → Lead-free construction
- → Enclosed 304 or 316 Stainless Steel impellers
- → Cast Iron bowls
- → Enamel lined bowls up to 15"
- → Fabricated Steel & Cast Iron discharge heads

490 Series SXT & SXU

Self-Priming Pumps



Application

- → Lift Station
- → Sewage
- → Storm Water
- → Sewer Bypass

Max. Flow

3,250 GPM

Max. Head

200 feet

Features & Benefits

- → Self-priming
- → Solids handling semi-open impeller
- → Replaceable wear plate
- → Wear plate clearance adjustment without
- → disturbing rotating assembly
- → No special tools required to adjust clearance
- → Back pull-out rotating assembly
- → Belt driven & flex coupled
- → Separate seal and bearing reservoirs with 2 sight glasses

Technical Data

- → Temperature up to 160°F
- → Discharge sizes: 3"-10"

Materials of Construction

- → Cast casing
- → Ductile iron wear plates
- → Nitrile rubber gaskets
- → Ductile iron impeller
- → SilCar/SilCar/Viton/316 SS Seal

500 Series FP-VT Fire

Vertical Turbine Fire Pumps

FM APPROVED

UL LISTED

Application

- → Fire Protections

Max. Flow

4,500 GPM

Max. Head

840 feet

Features & Benefits

- → UL/FM certification
- → Cast Iron/Bronze fitted
- → Packed
- → Packaged with driver & controller

Technical Data

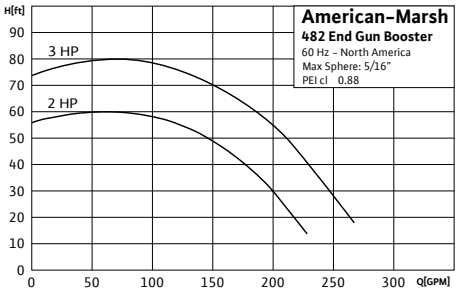
- → Temperature up to 120°F
- → 1500 to 1800 RPM

Materials of Construction

- → Cast Iron
- → Bronze fitted
- → Bronze impellers

482 EGB

End Gun Booster Pumps



Application

→ Center Pivot Irrigation
→ End Gun Booster

Max. Flow

260 GPM

Max. Head

80 feet

Features & Benefits

→ Interchangeable with commonly used models
→ Efficiency design:
Higher flow rates with less HP required
→ Space-saving design:
Vertical mount minimizes overall footprint

Technical Data

→ NEMA 60Hz J56 Frame
→ Available in 2HP or 3HP
→ Standard, auto reset or manual reset
→ Double Sealed bearings

Materials of Construction

→ Cast Iron construction
→ 2.5"x2" NPT Suction/discharge connections
→ Mechanical seals:
Standard: Buna-Carbon head/Ceramic seat
Optional:
- Viton-Carbon head/Silicon Carbide seat
- Viton-Silicon Carbide head/Silicon

Motors / Right Angle Gear Drives

Vertical, Horizontal & Submersible

Application

→ Agriculture & Irrigation
→ Commercial/HVAC
→ Industrial
→ Municipal
→ Fire

Features & Benefits

Motors:
→ Horizontal, vertical, & submersible
→ WPI, TEFC, ODP
→ Canned style submersibles

Right Angle Gear Drives:
→ Cooling coils available
→ Non-reverse clutches
→ Rigid castings designed to insure correct alignment
→ Gears are case hardened alloy steel, lapped in pairs
→ Positive pressure oil distribution systems
→ Bearings exceed AGMA recommendations

Technical Data

Motors:
→ Multiple HP ranges
→ 1/2 HP to over 1,000 HP
→ 50 Hz & 60 Hz
→ Speeds: 514-3,600 RPM

Right Angle Gear Drives:
→ Gear drives rated from 1,000 HP to over 8,000 HP

Materials of Construction

→ Industry standard

ATL, PWS, VFD

Control Panels

Application

→ Agriculture & Irrigation
→ Commercial/HVAC
→ Industrial
→ Municipal

Features & Benefits

→ NEMA Type 1
→ NEMA Type 3
→ NEMA Type 3R

Materials of Construction

→ Industry Standard

QuantumFlo

A WILO BRAND

QuantumFlo was established to design, manufacture and deliver the best packaged technologies to the pump systems market.

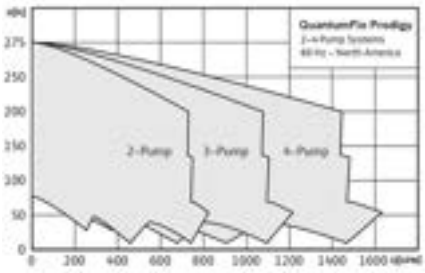
The worldwide leader of variable speed packaged pump systems for domestic water and water reclamation solutions, QuantumFlo offers the industry's most advanced technologies for commercial plumbing, industrial applications, and rainwater harvesting for irrigation and facilities management.

Super system design makes it easy to upgrade and retrofit aging or obsolete systems. From modifications and retrofits to full system upgrades, QuantumFlo's highly intelligent, lightning-fast responsive operating system and top-of-the-line craftsmanship are the preferred solution for efficiently moving water horizontally and vertically.

QuantumFlo offers a range of solutions from pre-packaged pump systems to custom designs. Our products are driven by advanced intelligence algorithms and a finely tuned booster operating system software (B.O.S.S.) called iQFlo™. Built from superior quality components and carrying a 5 Year Limited Warranty on the entire 3rd party certified system - QuantumFlo delivers reliability, efficiency and peace of mind.

Prodigy

End Suction Pumps Mounted Vertically or Horizontally



Application

- Water Pressure
- Pressure Boosting
- Agriculture
- Washing/Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

1,600 GPM

Max. Head

275 feet

Features & Benefits

- Includes Scot 320-342 series Stainless Steel pumps
- Full system kWh energy reporting
- Easy to use 7" touchscreen
- Integrated iQFlo 3.0 B.O.S.S. (Booster Operating System Software) with troubleshooting wizards and user-friendly format
- Modbus or optional BACnet™ available
- 20-50% energy savings over standard systems
- Every unit factory flow tested 0-100%
- 5-year warranty on the entire unit

Technical Data

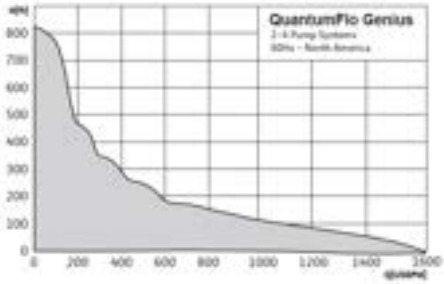
- Fluid temp range: up to 140°F (60°C)
- Electrical connections: 208/230/460-3-60
- Rated pressure: up to 363 PSI depending on number of pump stages
- System connection: grooved or flanged 150 or 300 Class ANSI
- TEFC motors standard
- Rated pressure: 150 PSI

Materials of Construction

- All 304 Stainless Steel construction
- Entire packaged system: IAPMO NSF/ANSI 61 3rd party certified
- Entire packaged system: UL 508A and QCZJ packaged pumping systems

Genius

Vertical Multi-Stage Pumps



Application

- Water Pressure
- Pressure Boosting
- Agriculture
- Washing/Sprinkling Systems
- Cooling Circuits
- Condensate Return

Max. Flow

1,578 GPM

Max. Head

807 feet

Features & Benefits

- Full system kWh energy reporting
- Easy to use 7" touchscreen
- Integrated iQFlo 3.0 B.O.S.S. (Booster Operating System Software) with troubleshooting wizards and user-friendly format
- Modbus or optional BACnet™ available
- 20-50% energy savings over standard systems
- Every unit factory flow tested 0-100%
- 5-year warranty on the entire unit

Technical Data

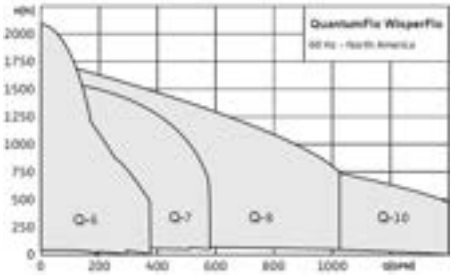
- Fluid temp range: -22°F to 248°F (-30°C to 120°C)
- Electrical connections: 208/230/460-3-60
- Rated pressure: up to 363 PSI depending on number of pump stages
- System connection: grooved or flanged 150 or 300 Class ANSI
- TEFC motors standard

Materials of Construction

- All 304 Stainless Steel construction
- Entire packaged system: IAPMO NSF/ANSI 61 3rd party certified
- Entire packaged system: UL 508A and QCZJ packaged pumping systems

WisperFlo

6-10" Submersible Well Pumps



Application

- Potable Water Supply
- Irrigation
- Municipal
- Pressure Boosting
- Agriculture
- Industrial Process

Max. Flow

1,400 GPM

Max. Head

2,200 feet

Features & Benefits

- Certified to NSF/ANSI 61 & 372
- Vertical and horizontal installation possible
- NEMA standard mounting specs
- High-quality shaft bearings
- Check valve standard on all models
- 304 Stainless Steel construction
- Additional models available on request
- Full system kWh energy reporting
- Easy to use 7" touchscreen
- Integrated iQFlo 3.0 B.O.S.S. (Booster Operating System Software) with troubleshooting wizards and user-friendly format
- Modbus or optional BACnet™ available
- 20-50% energy savings over standard systems
- Every unit factory flow tested 0-100%
- 5-year warranty on the entire unit

Technical Data

- Electrical connections: 1~115/230v 3~230/460/575v
- Temp range: up to 95°F (35°C)

Materials of Construction

- All 304 Stainless Steel construction
- Entire packaged system: IAPMO NSF/ANSI 61 3rd party certified
- Entire packaged system: UL 508A and QCZJ packaged pumping systems

TransferFlo

Accessory

Application

- Sewage
- Condensate
- Tank Fill

calQflo®

Software

Features & Benefits

- Efficient online booster system sizing and selection software
- 100% Control and spec guarantee
- Auto-redundancy calculator
- CAD Drawing library
- Easy-to-use
- Built-in energy saving calculators
- Intuitive KwH calculations
- Lightning-fast submittal creation
- Mobile-friendly
- Ensures product longevity through properly sized systems

iQFlo 3.0

Software

Features & Benefits

- Booster operating system software for variable speed boosters
- Accurately control pressure without hunting
- Responds lightning-fast to demand without the use of remote sensors
- Recognizes & reacts to pipe fill conditions
- Sensorless shutdown without hydro-tanks
- How-to “Wizards” for all alarm & emergency conditions
- Self-diagnosing

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