North America – 60 Hz.

Building Services Product Guide

Pump systems for commercial properties: your partner for any field of application.

Pioneering For You

wilo®

WILO USA LLC, a subsidiary of WILO SE, is one of the world's leading manufacturers of pumps and pump systems for building services, the entire water management chain, and industry. The company, whose sales reached more than 1.7 billion euros in 2021, has its eyes fixed on the future and is heavily involved in research and development. Based in Dortmund, WILO SE is increasingly moving away from being just a supplier of components and moving toward being a system supplier. The Wilo name is internationally recognized as being synonymous with high-tech in the pump industry. Wilo employs around 8,000 employees in over 70 subsidiaries around the world. 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.

CONTENT

Wilo-Stratos MAXO

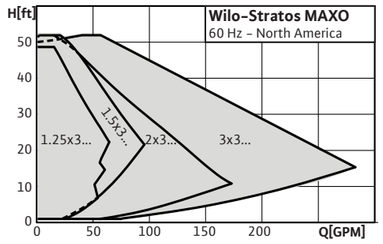
High-Efficiency Smart Circulators

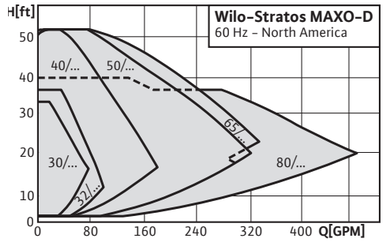
Wilo-Stratos MAXO-D

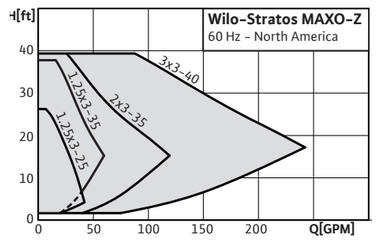
High-Efficiency Dual Smart Circulators

Wilo-Stratos MAXO-Z

High-Efficiency DHW 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

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

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-Star S

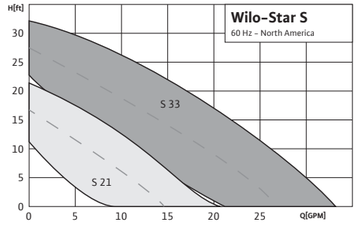
3-Speed Wet Rotor Circulators

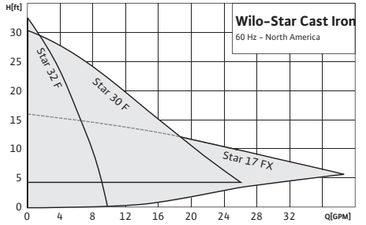
Wilo-Star

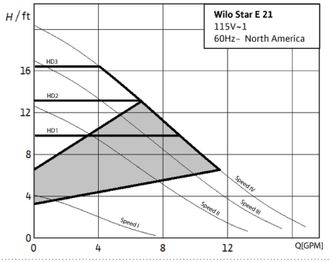
Residential Wet Rotor Circulators

Wilo-Star E 21

EC Motor-Driven High Efficiency Hot Water 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

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

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

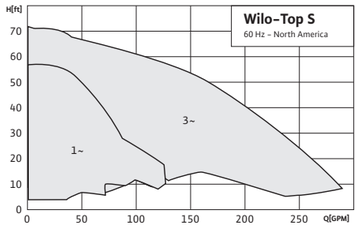
- → High-efficiency, EC Motor driven technology
- → Differential temperature control
- → Auto mode: Automatically adjusts to the system demand
- → Three HD modes –proportional control
- → Four speed control
- → LED display and adjustment buttons for easy set-up and changes

Technical Data

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

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

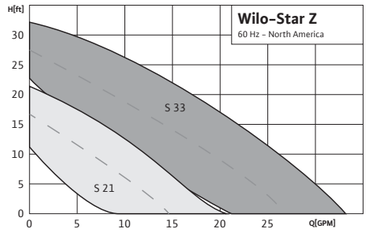
- → Max. temp range: 14°F to 248°F (-10°C to 120°C)
- → Amb temp range: 32°F-104°F (0°C - 40°C)
- → Electrical connections: 1~115v, 230v 3~208-230v, 460v, 575v
- → Max. working pressure: 145 PSI (10 Bar)

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

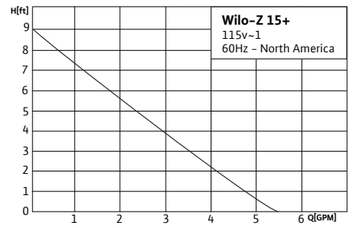
- → Max. temp range: 14°F to 230°F (-10°C to 110°C)
- → Max amb temp: 104°F (40°C)
- → Electrical connection: 1~115v
- → Max. working pressure: 140 PSI (10 Bar)

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 MaxAir™

Hydropneumatic Pressure Tanks - NSF61 Certified

Application

- → Water storage
- → Water pressure boosting
- → Water transfer

Operating Conditions

- → Max. Working Pressure 150 psi
- → Max. Working Temperature: 195°F

Features & Benefits

- → NSF Standard 61, IAPMO R&T UPC approved
- → Polypropylene liner to ensure long durabilty
- → 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

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

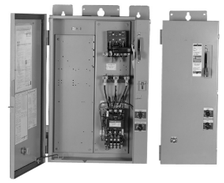
- → Lead-free bronze
- → Residential FNPT bronze flanges (¾", 1", 1¼")
- → Residential SWT bronze flanges (¾", 1")
- → HV bronze flanges (Top S, Stratos, Star 17) (1", 1¼, 2")

Swivel Flange Ball Valves

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

Materials of Construction

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



ATL, PWS, VFD

Control Panels

Application

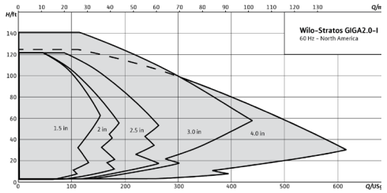
- → Agriculture & Irrigation
- → Commercial/HVAC
- → Industrial
- → Municipal

Features & Benefits

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

Wilo-Stratos GIGA 2.0-I

High-Efficiency Inline Pumps



Application

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

Max. Flow

702 GPM

Max. Head

153 feet

Features & Benefits

- → Optimum energy efficiency of the overall systemthrough intelligent interaction of IE5 motor technologywith proven pump hydraulics as well as innovativecontrol functions such as Dynamic Adapt plus, Multi-Flow Adaptation and T-const
- → Highest system efficiency with the innovative "Multi-Flow Adaptation" and energy savings of up to 80%
- → Clear display and Green Button Technology for easy intuitive operation
- → Local adjustment and operation through mobile devicesvia Bluetooth and multi-pump control by means of WiloNet connectivity

Technical Data

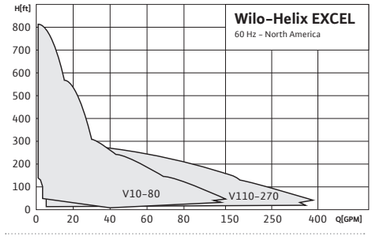
- → Permitted temperature range of the fluid: -4°F to 250°F
- → Ambient temperature up to 122 °F
- → Flange Size: DN 40 to DN 100 (1.5"- 4")
- → Max. Operating Pressure: 175 PSI at -4°F to 250°F
- →
- → Compliance with electromagnetic compatibility in accordance with
- → EN 61800-3:2018 without additional measures

Materials of Construction

- → Pump Housing and Lantern: EN-GJL-250, Cataphoretic coating
- → Impeller: PPS-GF40
- → Mechanical Seal: Q1Q1X4GG

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

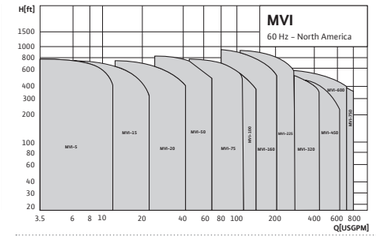
  *1 = Differential Transducer Kit available
  *2 = Discharge Transducer available

Materials of Construction

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

MVI

High-Pressure Vertical Multistage Centrifugal Pumps



Application

- → Water Supply
- → Pressure Boosting
- → Industrial Circulation Systems
- → Process Water
- → Cooling Water Circulation Systems

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

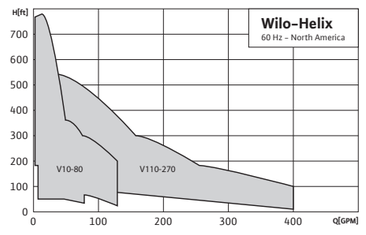
- → NSF/ANSI 372 and 61 certified
- → Power connections: 1~115/230 V
  3~ 230/460/575 V
- → Fluid temperature range determined by liquid type
- → Ambient temperature: 5°F to 104°F
- → Max. operating pressure: 145 PSI, 232 PSI, 363 PSI and 435 PSI
  (Depending on number of stages)

Materials of Construction

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

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

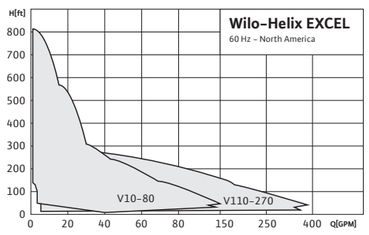
- → NEMA premium efficiency motors
- → Fluid temp range: -4°F to 248°F (-20°C to 120°C)
- → Electrical connections: 3~208-230/460/575V
- → Flange connection: Class 300 ANSI for models 10-80 or 250# ANSI split flanges for models 110-270
- → Pressure range: 232 PSI or 363 PSI

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

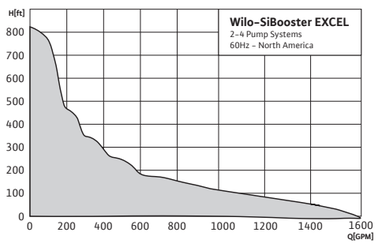
- → Voltage: 460V (+/- 10%), 60Hz
- → Fluid temp range: models 10-80: -22°F to 248°F (-30°C to 120°C)
- → Models 110-270: -4°F to 248°F (-20°C to 120°C)
- → Max operating pressure: 232/362 PSI
- → Class 300 ANSI Flanges for models 10-80 or 250 Lb ANSI split flanges for models 110-270
- → Control modes: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

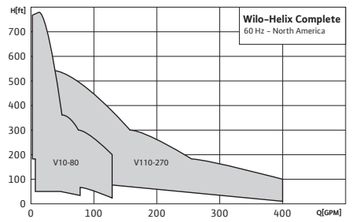
- → Fluid temp range: -22°F to 248°F (-30°C to 120°C)
- → Electrical connection: 3~460V
- → Rated pressure: 232 or 363 PSI depending on number of pump stages
- → System connection: 150 or 300 Class ANSI flanges depending on maximum system pressure
- → TEFC motors standard

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

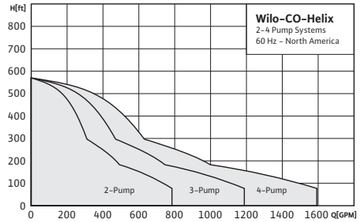
- → Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a minimum of 32°F for domestic water
- → Electrical connections: 3~208/230/460/575V
- → Rated pressure: 232/363 PSI
- → Flange connection: Class 300 ANSI on models 10-80 or 250Lb ANSI split flanges on models 110-270

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

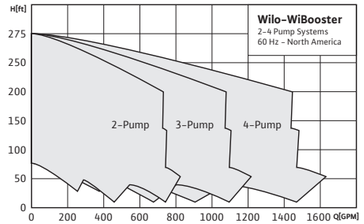
- → Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a minimum of 32°F for domestic water
- → Electrical connections: 3~208 230/460/575V
- → Rated pressure: 232/363 PSI
- → System flange connection: 150 Class ANSI or 300 Class ANSI
- → TEFC motors standard

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

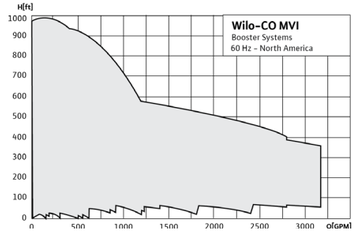
- → Fluid temp range: -4°F to 140°F (-20°C to 60°C) with a minimum of 32°F for domestic water
- → Premium efficient NEMA motors
- → VFD-Controlled system operation
- → 4-20 mA, ¼" Stainless Steel Pressure Transducers
- → Rated pressure: 150 PSI
- → Flange connection: 150 Class ANSI

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-CO-MVI

2-4 Pump Pressure-Boosting Systems



Application

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

Max. Flow

3,160 GPM

Max. Head

989 feet

Features & Benefits

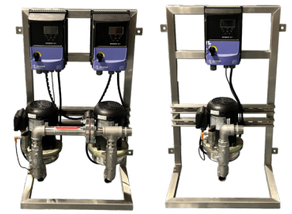
- → 33HP-100HP per pump (up to four pumps in parallel)
- → Smaller footprint allows for installations into tight areas
- → Real-time diagnostics and remote monitoring
- → Full system kWh energy reporting
- → Easy to use 7" touchscreen interface
- → Onboard Modbus and optional BACnet™, LonWorks® interface 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

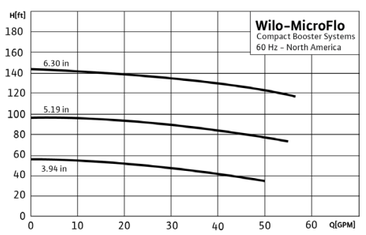
Materials of Construction

- → 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-MicroFlo

Out of The Box, High-Efficiency Compact Booster



Application

- → Strip Malls/Restaurants
- → Multi-Family Housing
- → Small Office Buildings
- → Truck Stops/Car Washes

Max. Flow

57 GPM

Max. Head

140 feet

Features & Benefits

- → Plug & Play Ready Solution requiring minimal engineering
- → Highly compact, 1 or 2 pump booster for low flow- low boost applications.
- → Variable Frequency Drives & Master Power Switch included standard
- → Multi-functional Digital Pressure Sensor with pipe break feature
- → Non-Slam (Silent) Operation resilient seated check valve
- → Compact Front-Side Access accommodates wall or floor anchoring
- → Simplex & Duplex Vertical Mounted Pumps for easy seal maintenance
- → Simple System Connections: 1.25" NPT
- → 1 Year Warranty

Technical Data

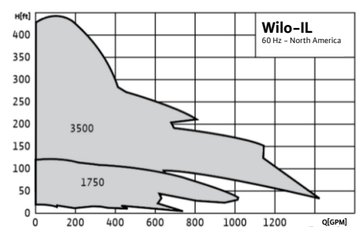
- → Voltages: 230/1, 208/3, 460/3, 575/3
- → IP66 Rated VFDs & TEFC Motors for indoor/ outdoor locations

Materials of Construction

- → 304 Stainless Steel pumps & fittings

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

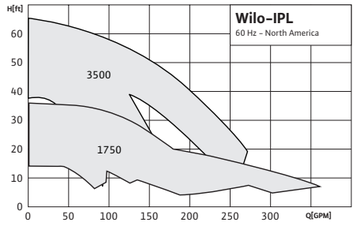
- → TEFC motors standard (ODP available)
- → Fluid temp range: -4°F to 248°F (-20°C to 120°C)
- → Max. amb temp: 104°F (40 °C)
- → Electrical connections: 1~115v, 230v3~208-230v, 460v, 575v

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

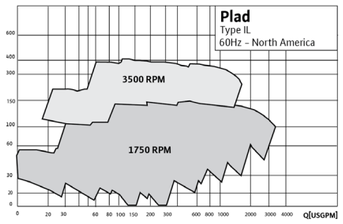
- → TEFC motors standard (ODP available)
- → Fluid temp range: 15°F to 250°F (–10°C to 120°C)
- → Max. amb temp: 104°F (40 °C)
- → Electrical connections: 1~115v, 230v 3~208–230v, 460v, 575v

Materials of Construction

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

Plad Type IL

Vertical In-Line Close-Coupled Pump



Application

- → Heating and Cooling Systems
- → Pressure Boosting
- → Municipal Water Supply

Max. Flow

4000 GPM

Max. Head

400 feet

Features & Benefits

- → Back pull-out design for quick removal
- → Quiet, vibration-free operations
- → 95% recyclable material
- → Energy Saving – optimized hydraulics
- → Double volute design (3" and up)

Technical Data

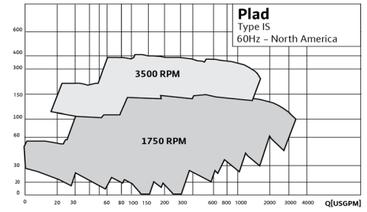
- → Pump Sizes: 1.25" – 10"
- → Max 262 PSI
- → Fluid Temp Range: -23°F to 275°F
- → 1750 or 3500 RPM Options

Materials of Construction

- → Cast Iron Casing ASTMA48, CL30
- → Impeller Stainless Steel 304
- → Sleeve Bronze SAE 660
- → Wear Ring Tin Bronze ASTM B584-90500

Plad Type IS

Spacer Coupling Vertical In-Line Pump



Application

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- → Pressure Boosting
- → Municipal Water Supply

Max. Flow

4000 GPM

Max. Head

400 feet

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Materials of Construction

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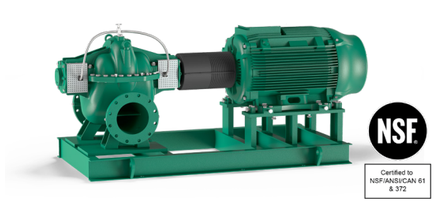
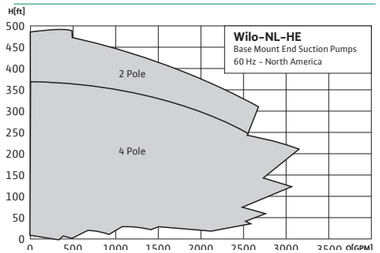


Wilo-Atmos TERA-SCH-HE

Base Mounted Split Case Pump



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

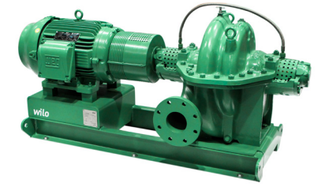
- → Stainless Steel impeller
- → High-efficiency
- → Improved Hydraulic design
- → Energy savings
- → Cataphoretic coating of all cast iron components
- → High corrosion resistance
- → Long service life
- → Easy maintenance
- → C-channel construction welded base

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

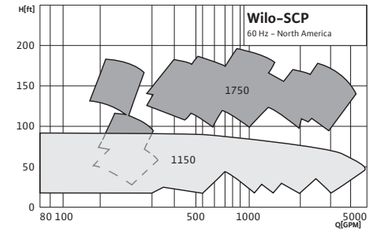
Materials of Construction

- → 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

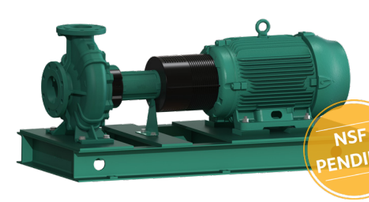
- → Horizontal split casing allows replacement of bearings and mechanical seal without disturbing the system piping
- → Double suction design available for maximum efficiencies
- → Hydraulically balanced double-suction impeller for minimal axial thrust
- → Tongue and groove neck ring design eliminates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

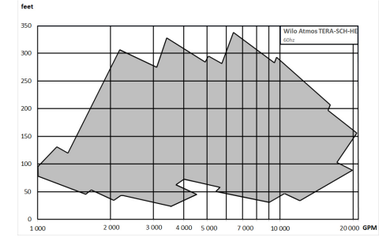
Materials of Construction

- → 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



Wilo-NL-HE

Base Mounted End Suction Pumps



Application

- → HVAC
- → Water Supp.y
- → Process

Flow Range

1,000 GPM – 20,500 GPM

Head Range

65 feet – 770 feet

Features & Benefits

- → Currently Under Formal Compliance Testing: Ensures top-quality water purity and safety
- → Robust Performance: Designed for efficiency and durability, meeting the rigorous demands of municipal operations
- → Trusted Reliability: Built with state-of-the-art Hydraulics to optimize low NPSH requirements
- → Welded base frame with easy alignment
- → Easy maintenance

Technical Data

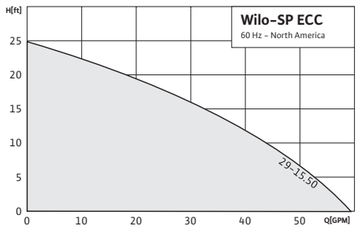
- → Fluid Temperature: 18°F to 248°F (212°F for gland packing version)
- → Max. Operating Pressure Rating: 175 PSI (12 bar) or 232 PSI (16 bar) depending on the size of pump

Materials of Construction

- → Pump Housing: ASTM 2001 A48 CLASS-35 high grade cast iron
- → Pump Shaft: ASTM A276, GR. 410 Stainless Steel
- → Impeller: ASTM A743 Gr.CF8 Stainless Steel

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

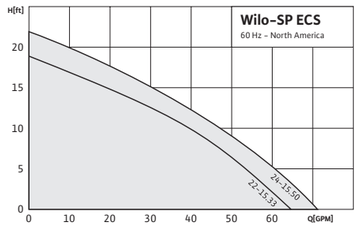
→ Max. solids size: ⅜"
→ Max. fluid temp: 77°F (25°C)
→ Electrical connection: 1~115v
→ 1½" NPT Discharge (1¼" with adapter)

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

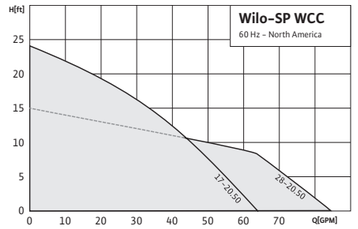
→ Max. solids size: ½"
→ Max. fluid temp: 77°F (25°C)
→ Electrical connection: 1~115v
→ 1½" Discharge (1¼" adapter included)

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

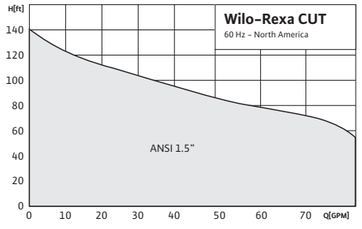
→ Max. solids size: 2" (WCC17); ¾" (WCC28)
→ Max. fluid temp: 130°F (55°C)
→ Electrical connections: 1~115v
→ 2" NPT Discharge

Materials of Construction

→ Cast Iron volute & motor housing
→ Engineered composite impeller

Wilo-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

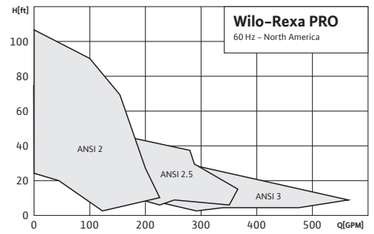
→ Power connections: 1~230 V/60 Hz, 3~230 V/60 Hz or 3~460 V/60 Hz
→ Submerged operating mode: continuous duty (S1)
→ Non-submerged operating mode: rated minutes operation (S2-15 or S3 10%)
→ Submerged under pressure (IP 68)
→ Insulation class: F
→ Max. fluid temp: 37 °F–104 °F (3°C–40 °C)

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-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

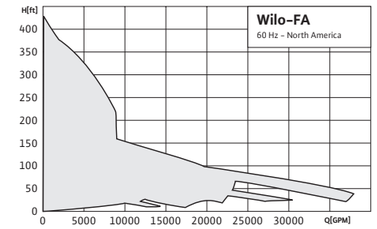
→ Electrical connections: 1~ 230v, 3~ 230v, 460v
→ Protection class: IP 68, Insulation class: F
→ Max. fluid temp: 37°F–104°F (3°C–40°C)
→ Wet pit only
→ Solids passage up to 3 in
→ Max. immersion depth: 66 ft (20m)

Materials of Construction

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

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

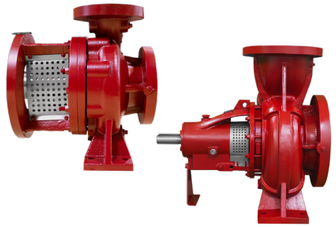
→ Rugged design for portable, wet pit, and dry well installation
→ Shaft-short overhang/large diameter
→ L3/D4 Shaft bending ratio lowest in industry
→ Continuous operation possible in Q vs H curve extremes
→ Internally closed loop cooled motors available
→ FM explosion-proof rated

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

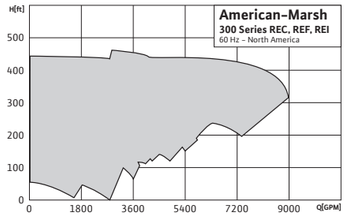
Materials of Construction

→ 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



300 Series REC, REF

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



Application

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

Max. Flow

9,000 GPM

Max. Head

450 feet

Features & Benefits

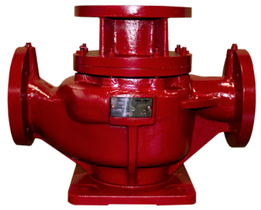
- → Back pull-out design
- → Replaceable case wear rings
- → Internal plan 1 seal flush
- → CL 250 cast flanges drilled to CL 125
- → Centerline discharge
- → Integral feet on casing
- → Suction & discharge flanges drilled & tapped for gauges
- → Standard T-frame motors on flex-coupled models
- → REC 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"

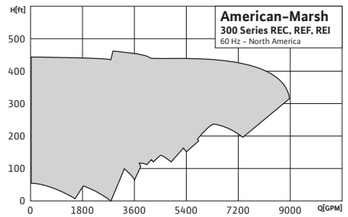
Materials of Construction

- → Cast Iron
- → Stainless Steel fitted
- → 810 Component seal



310 Series REI

Vertical Inline Pumps



Application

- → Commercial
- → Industrial
- → Municipal
- → Circulation
- → Booster
- → HVAC
- → Mining

Max. Flow

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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

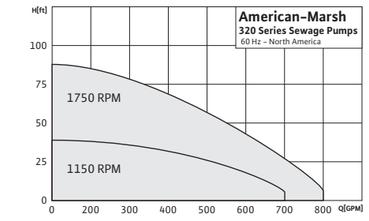
- → Temperatures up to 180°F
- → Discharge sizes: 2" - 12"

Materials of Construction

- → Cast Iron
- → Stainless Steel fitted
- → 810 Component seal

320 Series SREM, SOSM

Vertical Process Sump Pumps



Application

- → Drainage
- → Process fluid
- → Sump or storm water

Max. Flow

9,000 GPM

Max. Head

900 feet

Features & Benefits

- → Enclosed or semi-open impellers
- → Custom lengths available up to 20 feet

Technical Data

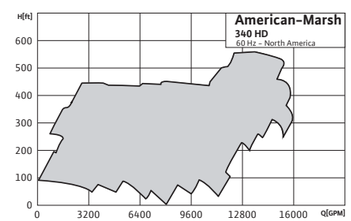
- → Temperature up to 180°F
- → Discharge sizes: 1.25"-12"

Materials of Construction

- → Cast iron
- → Bronze fitted
- → Packed or mechanical seal
- → Optional metallurgies available

340 Series HD

Double Suction Split Case Pumps



Application

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

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

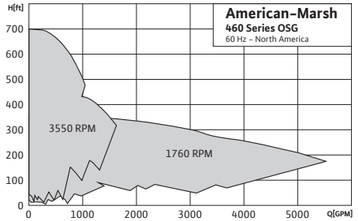
- → Temperature up to 180°F
- → Base mounted, flex-coupled
- → Discharge sizes: 2.5"-14"

Materials of Construction

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

460 Series OSG

ANSI B73.1 Process End Suction Pumps



Application

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

Max. Flow

5,500 GPM

Max. Head

700 feet

Features & Benefits

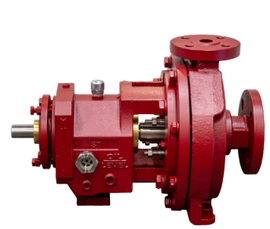
- → Back pull-out design
- → Open, adjustable impellers
- → Heavy walled casing
- → Heavy duty shaft and bearings
- → Oil lubricated bearings
- → Labyrinth oil seals
- → Base mounted, flex-coupled
- → Multiple stuffing box configurations
- → Multiple sealing options
- → Multiple materials of construction options

Technical Data

- → Max. Temperature (standard): 300°F
- → Max. Temperature (modified): 350°F
- → Discharge Sizes: 1"-8"
- → Suction & Discharge Flange Rating: 150# flat face

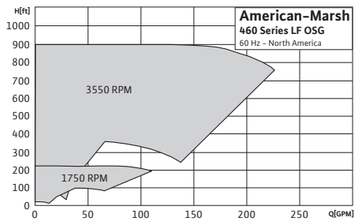
Materials of Construction

- → 316 SS / 316 SS fitted
- → Sleeved 4140 steel shaft with 316 SS sleeve
- → Standard bore stuffing box
- → Elastomer bellows mechanical seal with silicon carbide faces



460 Series LF OSG

ANSI B73.1 Process End Suction Pumps



Application

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

Max. Flow

220 GPM

Max. Head

925 feet

Features & Benefits

- → Designed for low flow services
- → Back pull-out design
- → Open radial vane adjustable impellers
- → Concentric circular casing
- → Heavy walled casing
- → Heavy duty shaft and bearings
- → Oil lubricated bearings
- → Labyrinth oil seals
- → Base mounted, flex-coupled
- → Multiple stuffing box configurations
- → Multiple sealing options
- → Multiple materials of construction options

Technical Data

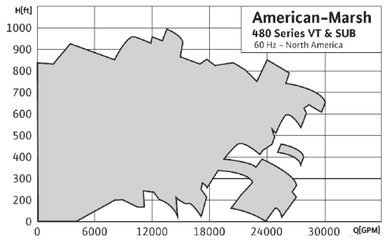
- → Max. Temperature (standard): 300°F
- → Max. Temperature (modified): 350°F
- → Discharge Sizes: 1"-1.5"
- → Suction & Discharge Flange Rating: 150# raised face (300# raised face for the 1.5x3-13)

Materials of Construction

- → 316 SS / 316 SS fitted
- → Sleeved 4140 steel shaft with 316 SS sleeve
- → Standard bore stuffing box
- → Elastomer bellows mechanical seal with silicon carbide faces

480 Series Vertical Turbine

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



Application

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

Max. Flow

30,000 GPM

Max. Head

1,000 feet

Features & Benefits

- → Modular design enameled bowls through 16" 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

NSF

Certified to NSF/ANSI/CAN 61 & 372

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 16"
- → Fabricated Steel & Cast Iron discharge heads

500 Series FP–VT Fire

Vertical Turbine Fire Pumps

FM APPROVED

UL LISTED

Application

- → Fire Protection

Max. Flow

4,500 GPM

Max. Head

840 feet

Features & Benefits

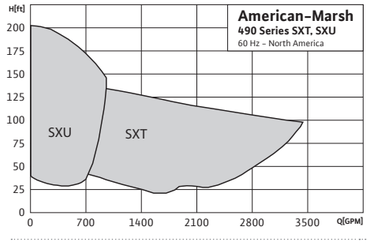
- → UL/FM certification
- → Cast Iron/Bronze fitted
- → Packed
- → Packaged with driver & controllergs

Technical Data

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

490 Series SXT & SXU

Self–Priming Pumps



Application

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

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

Right Angle Gear Drives

For 480 Series Vertical Turbine Pumps

Application

- → Agricultural & Irrigation
- → Industrial
- → Municipal
- → Fire

Features & Benefits

- → 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

- → Gear drives rated from 30 HP to over 1,000 HP

Materials of Construction

- → Industry Standard

Motors

Vertical, Horizontal & Submersible

Application

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

Features & Benefits

- → Horizontal, Vertical & Submersible
- → WPI, TEFC, ODP
- → Canned style submersibles

Technical Data

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

Materials of Construction

- → Industry Standard

Application

- → Fire Protections

Max. Flow

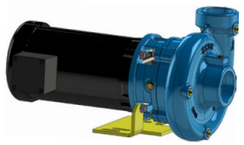
4,500 GPM

Max. Head

840 feet

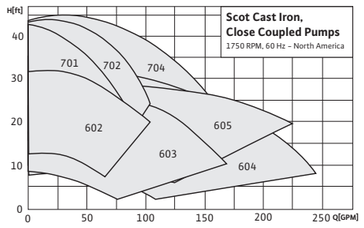
Features & Benefits

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



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

45 feet

Features & Benefits

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

Technical Data

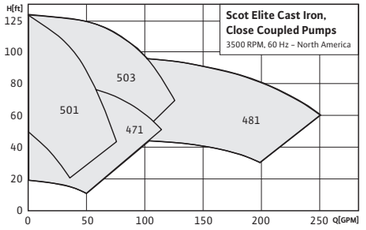
- → NEMA 60HZ J56 Frame
- → ODP, TEFC, Explosion-proof enclosures
- → 5.5"-6.5" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

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

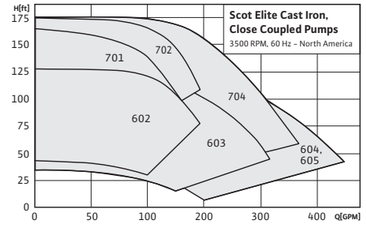
- → NEMA 60HZ J56 Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 5½" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 150 PSI

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

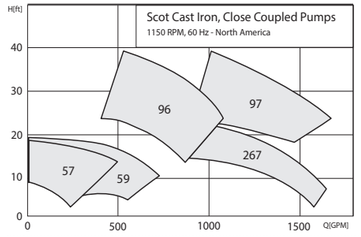
- → NEMA 60HZ, JM Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 6½" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

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

1,600 GPM

Max. Head

40 feet

Features & Benefits

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

Technical Data

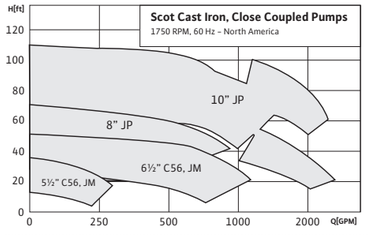
- → NEMA 60HZ JM, JP, JPZ Frames
- → ODP, TEFC, Enclosures
- → 6½" – 13" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

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

2,500 GPM

Max. Head

110 feet

Features & Benefits

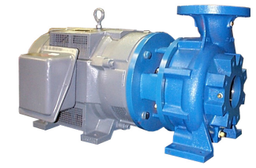
- → Up to 150 HP and 10" discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical seal

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

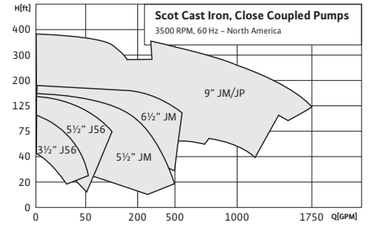
Materials of Construction

- → 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

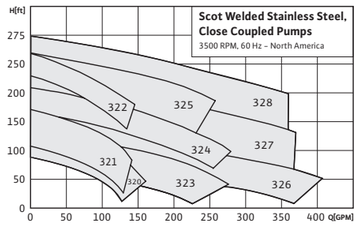
- → NEMA 60HZ, J56, JM, JP Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 3½" – 9" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

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

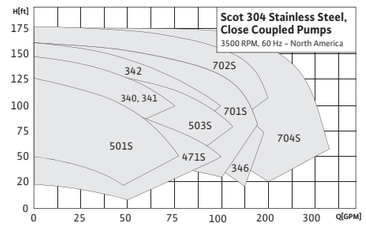
- → NEMA 60HZ J56, JM, TC Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 4.50" – 8.00" Max impeller
- → Temp range: 0°F to 225°F
- → Max working pressure: 175 PSI

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 certified
- → 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

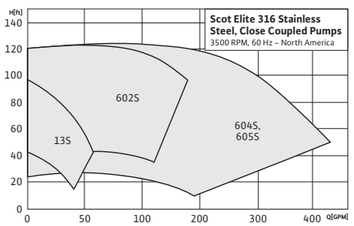
- → NEMA 60HZ J56 Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 4.50" – 6.50" Max impeller
- → Temp range: 0°F to 225°F
- → Max working pressure: 150 PSI

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

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

Technical Data

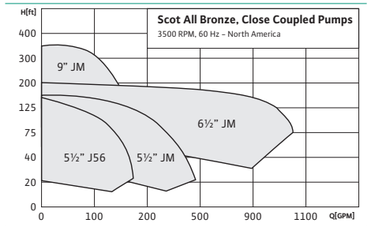
- → NEMA 60HZ J56, TC Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 5.63" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

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

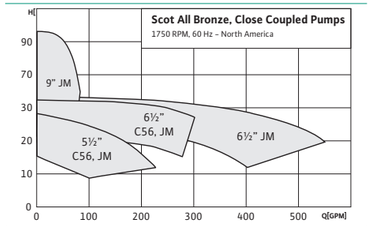
- → NEMA 60HZ J56, JM Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 5.00" – 9.00" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

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

550 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

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