Pioneering for You

Scot Pump
A WILO BRAND

North America – 60 Hz.

Scot Pump Product Guide

Our Solutions for Industrial, Agricultural and Marine products.

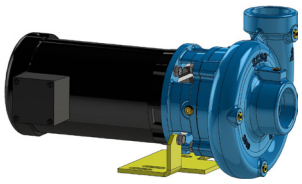
Scot Pump

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.

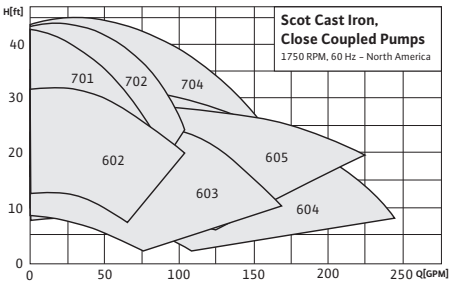
Scot has a distributor network around North America which supports aftermarket and replacement demands by stocking most of the common parts and pumps they offer. Scot's commitment to quality and dedication to short lead times has cultivated a reputation of reliability and outstanding customer service.

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

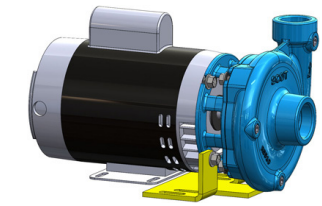
- → Up to 2 HP and 3" Discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical Seal

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

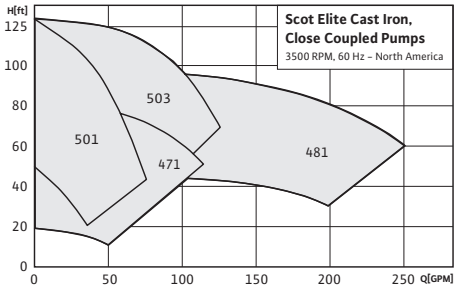
Materials of Construction

- → 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

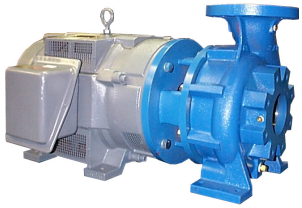
- → Up to 15 HP and 3" Discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical seal

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

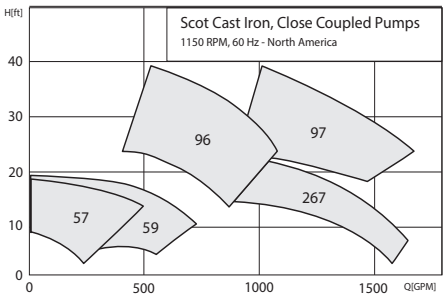
Materials of Construction

- → 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

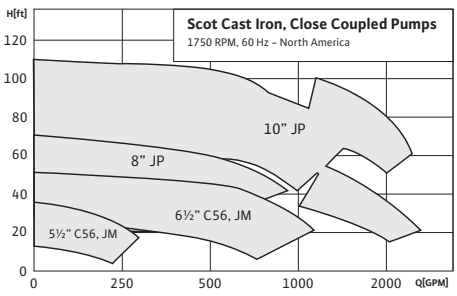
- → NEMA 60HZ JM, JP, JPZ Frames
- → ODP, TEFC, Enclosures
- → 6½" – 13" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

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

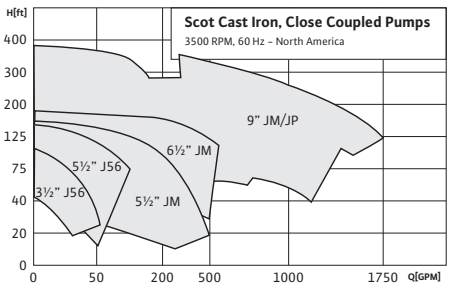
- → NEMA 60HZ C56, JM, JP, JPZ Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 5½" – 13" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

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

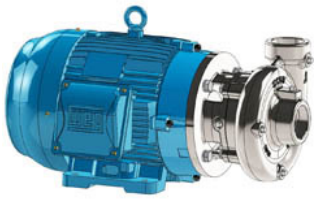
- → Up to 100 HP and 8" discharge
- → Heavy-duty construction
- → Close-coupled back pull-out design
- → Mechanical seal

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

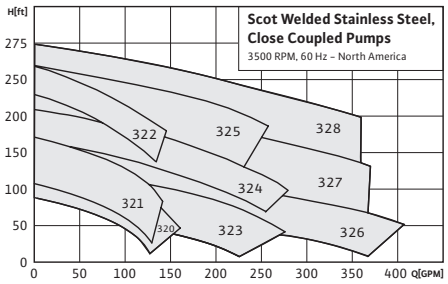
Materials of Construction

- → 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

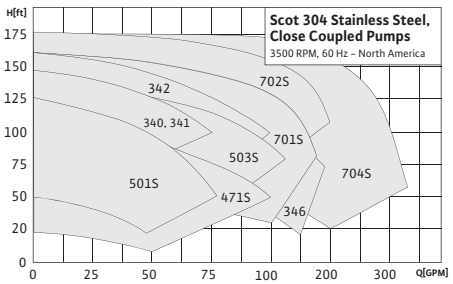
- NEMA 60HZ J56, JM, TC Frames
- ODP, TEFC, Explosion-proof enclosures
- 4.50" – 8.00" Max impeller
- Temp range: 0°F to 225°F
- Max working pressure: 175 PSI

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

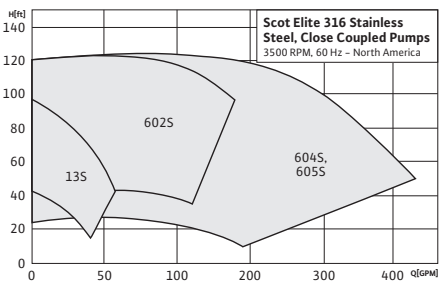
- NEMA 60HZ J56 Frames
- ODP, TEFC, Explosion-proof enclosures
- 4.50" – 6.50" Max impeller
- Temp range: 0°F to 225°F
- Max working pressure: 150 PSI

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

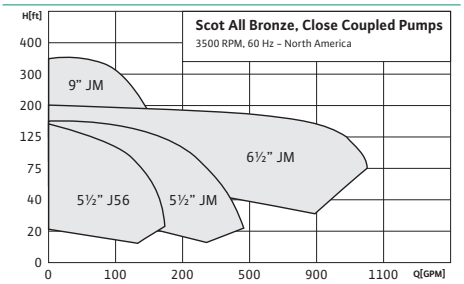
- NEMA 60HZ J56, TC Frames
- ODP, TEFC, Explosion-proof enclosures
- 5.63" Max impeller
- Temp range: 0°F to 250°F
- Max working pressure: 175 PSI

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

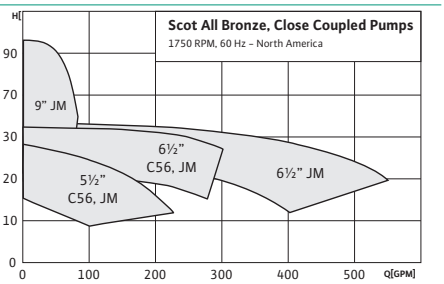
- → NEMA 60HZ J56, JM Frames
- → ODP, TEFC, Explosion-proof enclosures
- → 5.00" – 9.00" Max impeller
- → Temp range: 0°F to 250°F
- → Max working pressure: 175 PSI

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

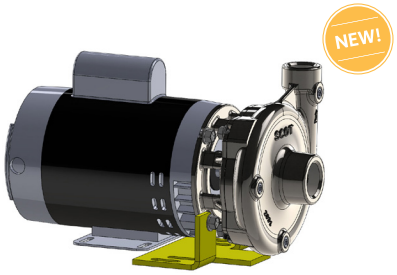
- → Custom mounting configurations and features for unique applications

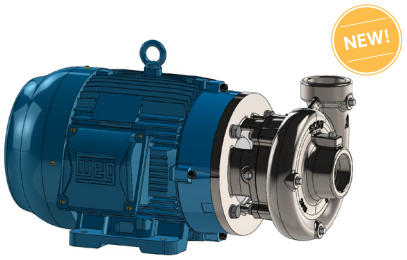
Technical Data

- → 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

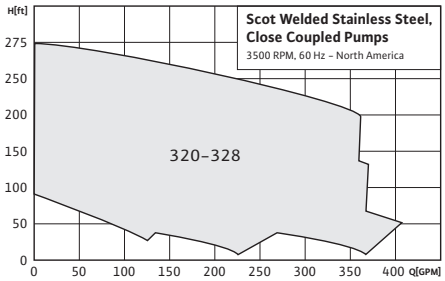
- → NPT and flange connections
- → Standard fitted
- → Bronze fitted
- → All Bronze
- → All Iron
- → Cast 316SS





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

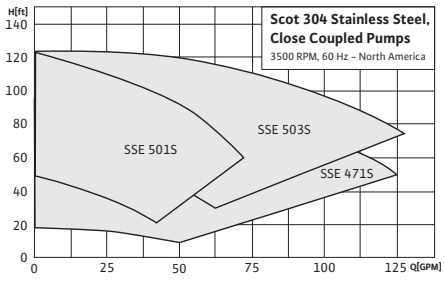
- → NEMA 60HZ J56, JM Frames
- → ODP, TEFC, Explosion–proof enclosures
- → 4.50" – 8.00" Max impeller
- → Temp range: 0F to 225°F
- → Max working pressure: 175 PSI

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

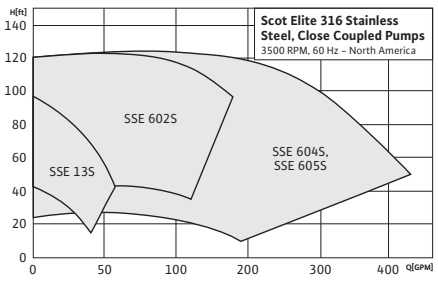
- → NEMA 60HZ J56, TC Frames
- → TEFC, Explosion–proof enclosures
- → 4.50" – 5.5" Max Impeller
- → Max working pressure: 175 PSI

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

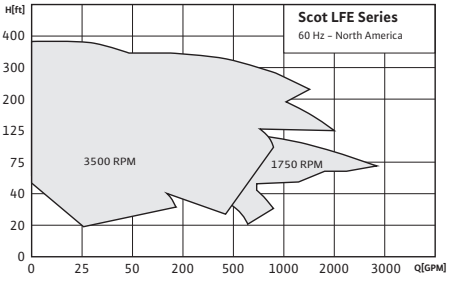
- → NEMA 60HZ J56, JM, JP frames
- → TEFC, Explosion–proof enclosures
- → 4.50" – 11.00" Max impeller
- → Max working pressure: 175 PSI

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

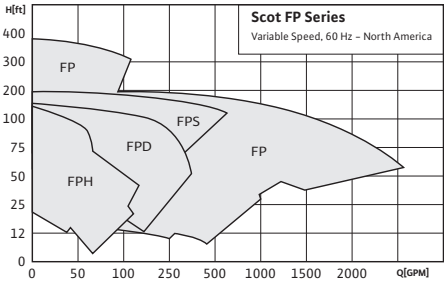
- → NEMA 60HZ J56, JM, JP Frames
- → TEFC, Explosion-proof enclosures
- → 4.50" – 11.00" Max impeller
- → Max working pressure: 175 PSI

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

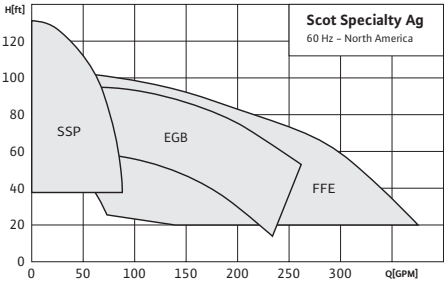
- → Drive shafts 5/8" to 1 3/8"
- → Pully, PTO, Hydraulic or Clutch

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

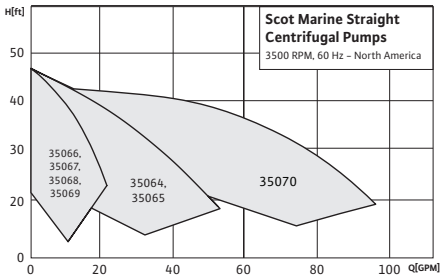
- → Suction Lift 25'
- → NEMA 60Hz J56, JM Frames
- → TEFC Motors

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

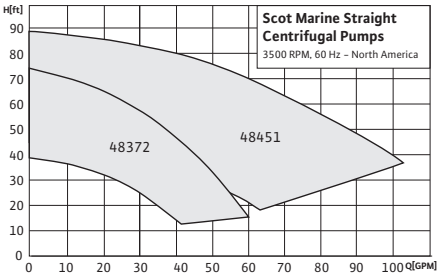
→ NEMA 50/60HZ motors
→ TEFC motor is standard
→ NPT connections

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

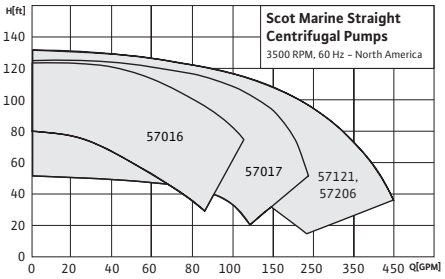
→ NEMA 50/60HZ motors
→ TEFC motor is standard
→ NPT connections

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

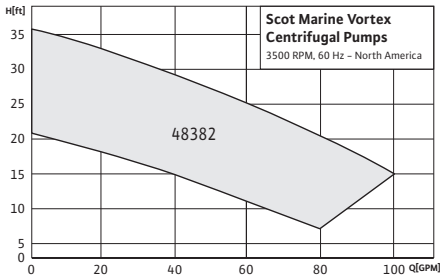
→ NEMA 50/60HZ motors
→ TEFC motor is standard
→ NPT connections

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

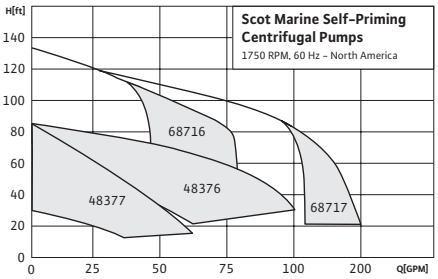
→ NEMA 50/60HZ motors
→ TEFC motor is standard
→ 2" NPT connections

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

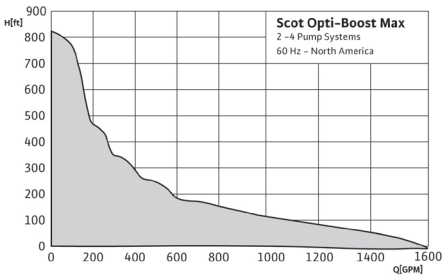
→ Delrin Vacuum Breaker included
→ Corrosion-proof construction

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

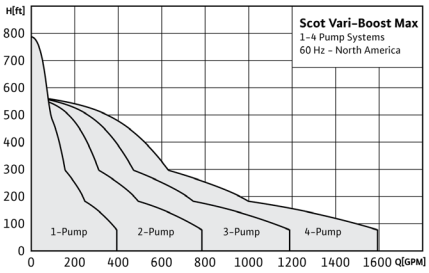
- → Fluid temp range: -22°F to 248°F (-30°C to 120°C)
- → Electrical connection: 3~460V
- → Rated pressure: 232 or 363 PSI depending on number of pump stages
- → System connection: 150 or 300 Class ANSI flanges depending on maximum system pressure
- → TEFC motors standard

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

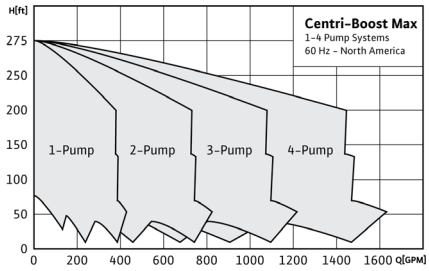
- → Fluid temp range: -4°F to 248°F (-20°C to 120°C) with a minimum of 32°F for domestic water
- → Electrical connections: 3~208 230/460/575V
- → Rated pressure: 232/363 PSI
- → System flange connection: 150 Class ANSI or 300 Class ANSI
- → TEFC motors standard

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

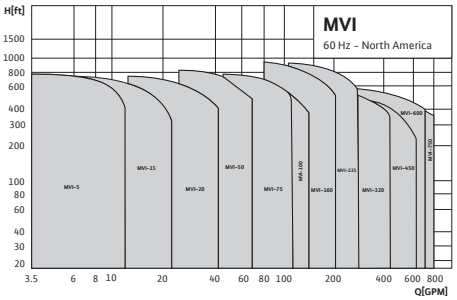
- → Fluid temp range: -4°F to 140°F (-20°C to 60°C) with a minimum of 32°F for domestic water
- → Premium efficient NEMA motors
- → VFD-Controlled system operation
- → 4-20 mA, ¼" Stainless Steel Pressure Transducers
- → Rated pressure: 150 PSI
- → Flange connection: 150 Class ANSI

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

Scot Pump

A WILO BRAND

03152023

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