

PROJECT: _____	UNIT TAG: _____	QUANTITY: _____
REPRESENTATIVE: _____	TYPE OF SERVICE: _____	DATE: _____
ENGINEER: _____	SUBMITTED BY: _____	DATE: _____
CONTRACTOR: _____	APPROVED BY: _____	DATE: _____
	ORDER NO.: _____	DATE: _____

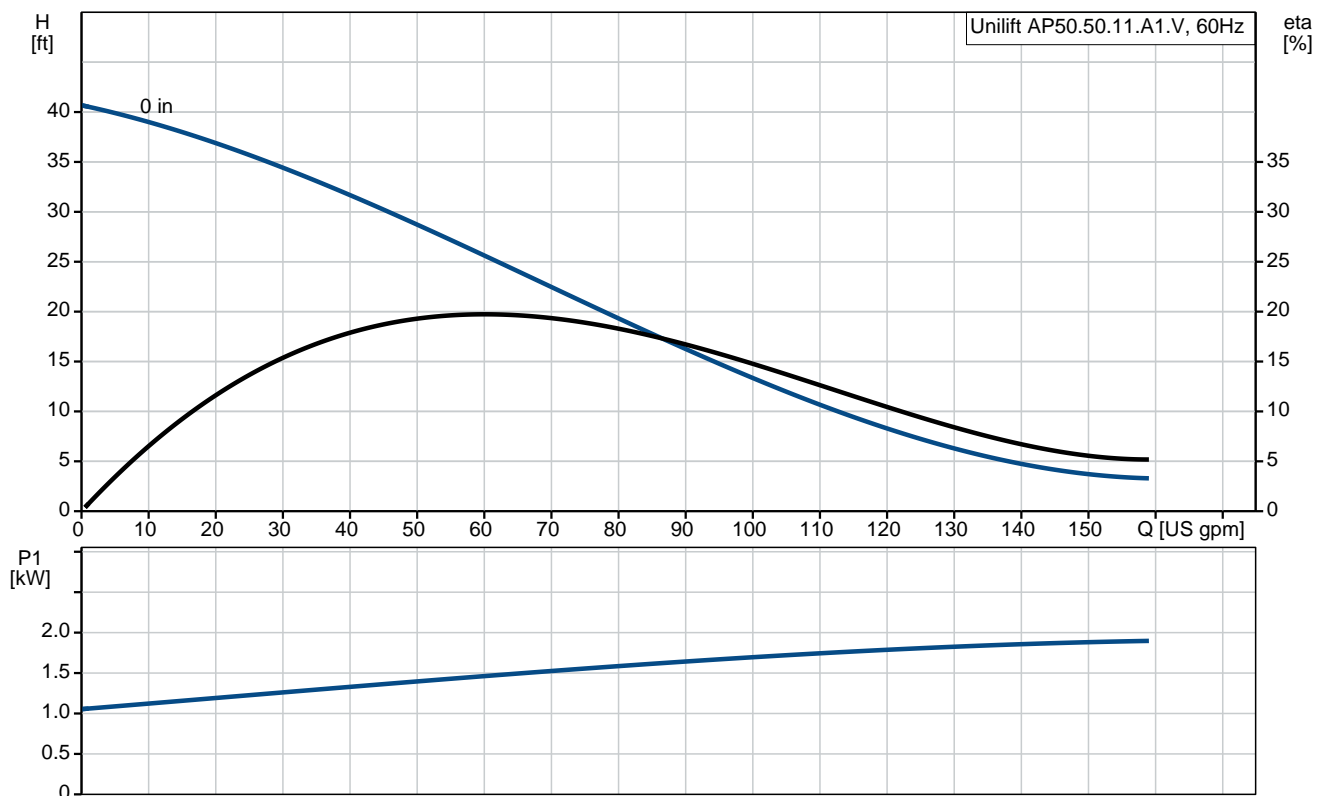


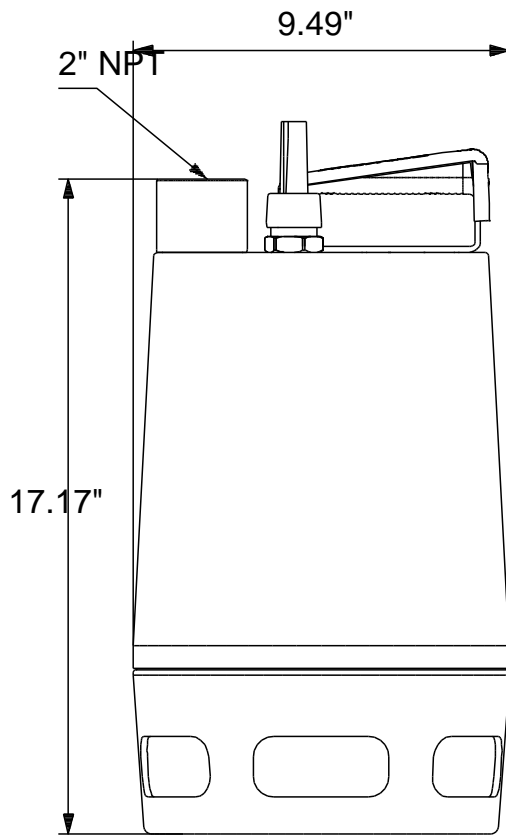
### Unilift AP50.50.11.A1.V

Domestic sewage pumps in stainless steel. Free-standing

Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: _____	Liquid temperature range: 32 .. 131 °F	Rated voltage: 220-230 V
Head: _____	Product number: 96847183	Main frequency: 60 Hz
Efficiency: _____		Enclosure class: IP68
Liquid: any viscous fluid		Insulation class: F
Temperature: _____		Motor protection: CONTACT
NPSH required: ft		Thermal protection: internal
Viscosity: _____		
Specific Gravity: 1.000		





**Materials:**

Pump housing: Stainless steel  
DIN W.-Nr. 1.4301  
AISI 304

Impeller: Stainless steel  
DIN W.-Nr. 1.4301  
AISI 304

## Tender Text



Product photo could vary from the actual product

Product No.: [96847183](#)

**Unilift AP50.50.11.A1.V**

Submersible effluent pump

Vertical single-stage stainless steel submersible pump with integrated submersible 1-phase motor.

The pump is fitted with ring stand and carrying handle and is supplied with a 25 ft mains cable and a level switch for automatic start and stop.

The impeller is a Vortex impeller for 1 15/16 in free passage suitable for pumping surface water, groundwater, wastewater and similar liquids.

The pump has a double shaft seal and an intermediate oil chamber pre-filled with non-toxic special oil.

The motor is insulation class F with thermal overload protection and has long-life deep-groove greased-for-life ball bearings.

The pump has 2" NPT discharge port and is ready for installation either free-standing or on an auto-coupling system.

### Liquid:

Pumped liquid:	any viscous fluid
Liquid temperature range:	32 .. 131 °F
Density:	62.29 lb/ft <sup>3</sup>

### Technical:

Type of impeller:	Vortex
Maximum particle size:	1 15/16 in

### Materials:

Pump housing:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
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Impeller: Stainless steel  
DIN W.-Nr. 1.4301  
AISI 304

**Installation:**


Pump outlet: 2" NPT  
Maximum installation depth: 25 ft

**Electrical data:**

Type of motor: PSC  
Power input - P1: 1.8 kW  
Main frequency: 60 Hz  
Rated voltage: 1 x 220-230 V  
Rated current: 8.4 A  
Cos phi - power factor: 0,98  
Rated speed: 3360 rpm  
Capacitor size - run: 20 µF/400 V  
Enclosure class (IEC 34-5): IP68  
Insulation class (IEC 85): F  
Length of cable: 25 ft  
Type of cable plug: NONE

**Others:**

Net weight: 35.9 lb  
Gross weight: 37.3 lb

Position	Count	Description
	1	<p><b>Unilift AP50.50.11.A1.V</b></p>  <p>Product photo could vary from the actual product</p> <p>Product No.: <a href="#">96847183</a> Submersible effluent pump</p> <p>Vertical single-stage stainless steel submersible pump with integrated submersible 1-phase motor.</p> <p>The pump is fitted with ring stand and carrying handle and is supplied with a 25 ft mains cable and a level switch for automatic start and stop.</p> <p>The impeller is a Vortex impeller for 1 15/16 in free passage suitable for pumping surface water, groundwater, wastewater and similar liquids.</p> <p>The pump has a double shaft seal and an intermediate oil chamber pre-filled with non-toxic special oil.</p> <p>The motor is insulation class F with thermal overload protection and has long-life deep-groove greased-for-life ball bearings.</p> <p>The pump has 2" NPT discharge port and is ready for installation either free-standing or on an auto-coupling system.</p> <p><b>Liquid:</b>  Pumped liquid: any viscous fluid  Liquid temperature range: 32 .. 131 °F  Density: 62.29 lb/ft<sup>3</sup></p> <p><b>Technical:</b>  Type of impeller: Vortex  Maximum particle size: 1 15/16 in</p> <p><b>Materials:</b>  Pump housing: Stainless steel  DIN W.-Nr. 1.4301  AISI 304  Impeller: Stainless steel  DIN W.-Nr. 1.4301</p>



Company name:

Created by:

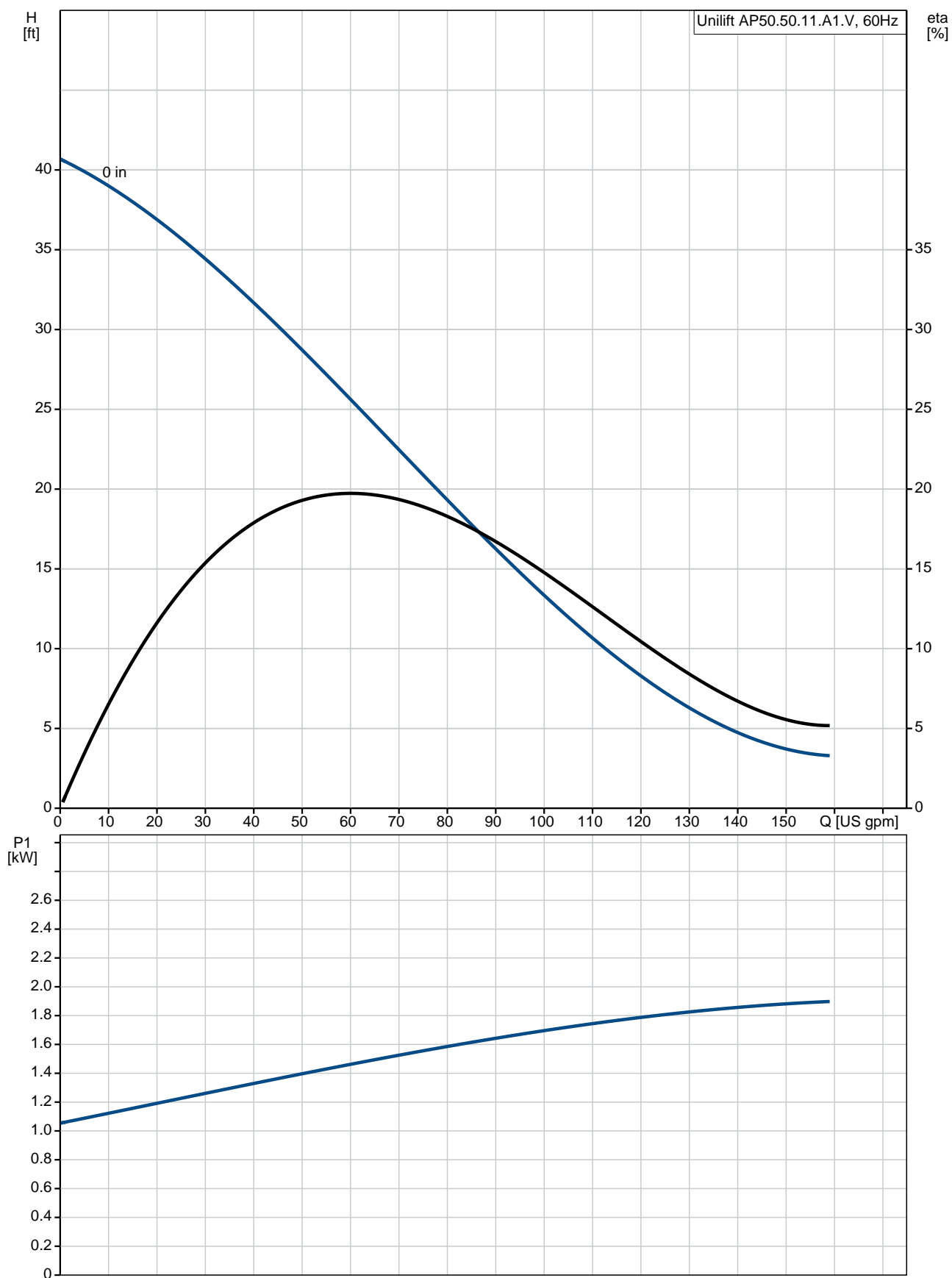
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Date:

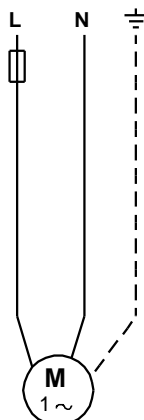
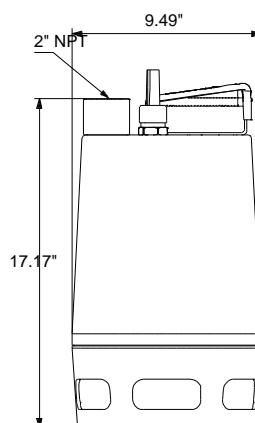
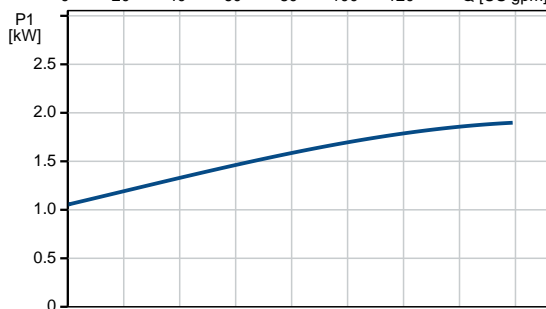
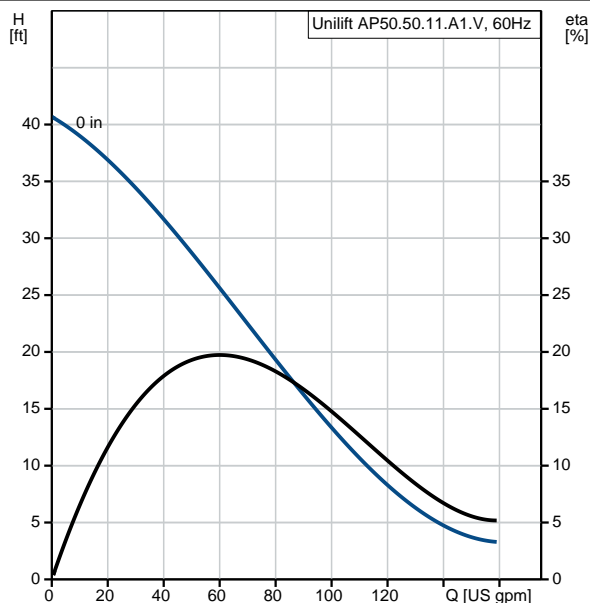
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Position	Count	Description
		AISI 304
		<b>Installation:</b>
		Pump outlet: 2" NPT
		Maximum installation depth: 25 ft
		<b>Electrical data:</b>
		Type of motor: PSC
		Power input - P1: 1.8 kW
		Main frequency: 60 Hz
		Rated voltage: 1 x 220-230 V
		Rated current: 8.4 A
		Cos phi - power factor: 0,98
		Rated speed: 3360 rpm
		Capacitor size - run: 20 µF/400 V
		Enclosure class (IEC 34-5): IP68
		Insulation class (IEC 85): F
		Length of cable: 25 ft
		Type of cable plug: NONE
		<b>Others:</b>
		Net weight: 35.9 lb
		Gross weight: 37.3 lb

## 96847183 Unilift AP50.50.11.A1.V 60 Hz

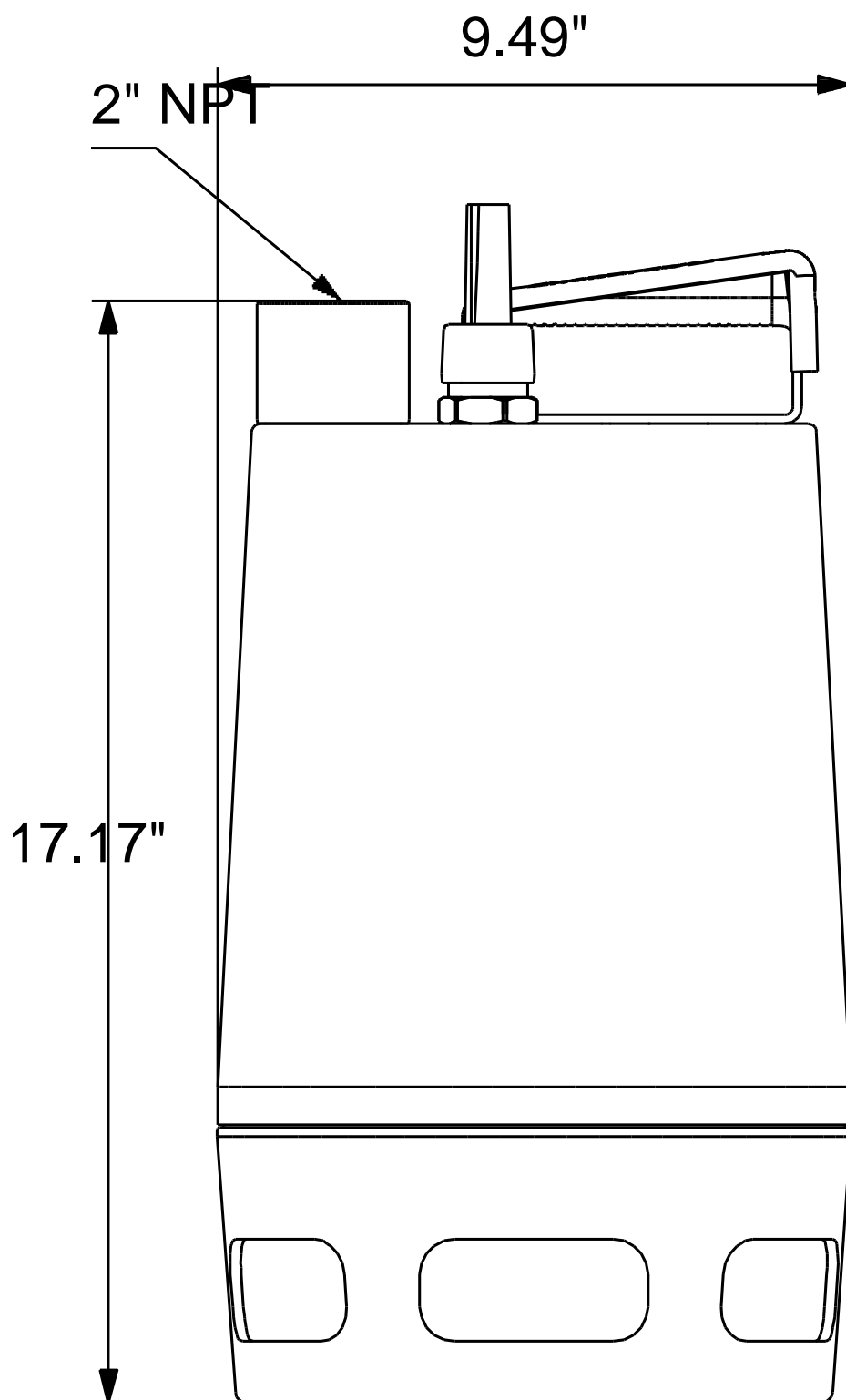


Description	Value
<b>General information:</b>	
Product name:	Unilift AP50.50.11.A1.V
Product No.:	96847183
EAN:	5700311894750
<b>Technical:</b>	
Max flow:	123 US gpm
Head max:	41.01 ft
Type of impeller:	Vortex
Maximum particle size:	1 15/16 in
<b>Materials:</b>	
Pump housing:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Impeller:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
<b>Installation:</b>	
Pump outlet:	2" NPT
Maximum installation depth:	25 ft
Inst dry/wet:	D/S
Installation:	horizontal or vertical
<b>Liquid:</b>	
Pumped liquid:	any viscous fluid
Liquid temperature range:	32 .. 131 °F
Density:	62.29 lb/ft³
<b>Electrical data:</b>	
Type of motor:	PSC
Power input - P1:	1.8 kW
P2:	1.609 HP
Main frequency:	60 Hz
Rated voltage:	1 x 220-230 V
Rated current:	8.4 A
Cos phi - power factor:	0,98
Rated speed:	3360 rpm
Capacitor size - run:	20 µF/400 V
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protection:	CONTACT
Thermal protec:	internal
Length of cable:	25 ft
Type of cable plug:	NONE
<b>Controls:</b>	
Level switch:	float switch
<b>Others:</b>	
Net weight:	35.9 lb
Gross weight:	37.3 lb



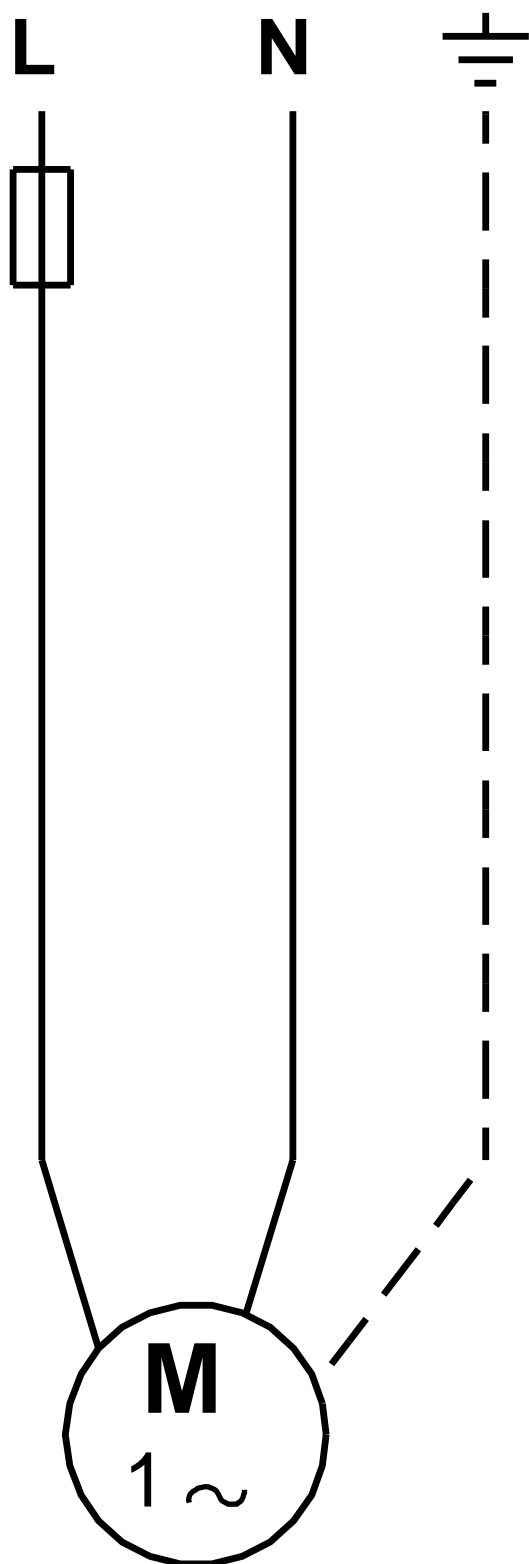


**96847183 Unilift AP50.50.11.A1.V 60 Hz**



Note! All units are in [mm] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.

**96847183 Unilift AP50.50.11.A1.V 60 Hz**



All units are [mm] unless otherwise presented.



Company name:

Created by:

Phone:

Date:

2/22/2018

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**Order Data:**

Product name: Unilift AP50.50.11.A1.V

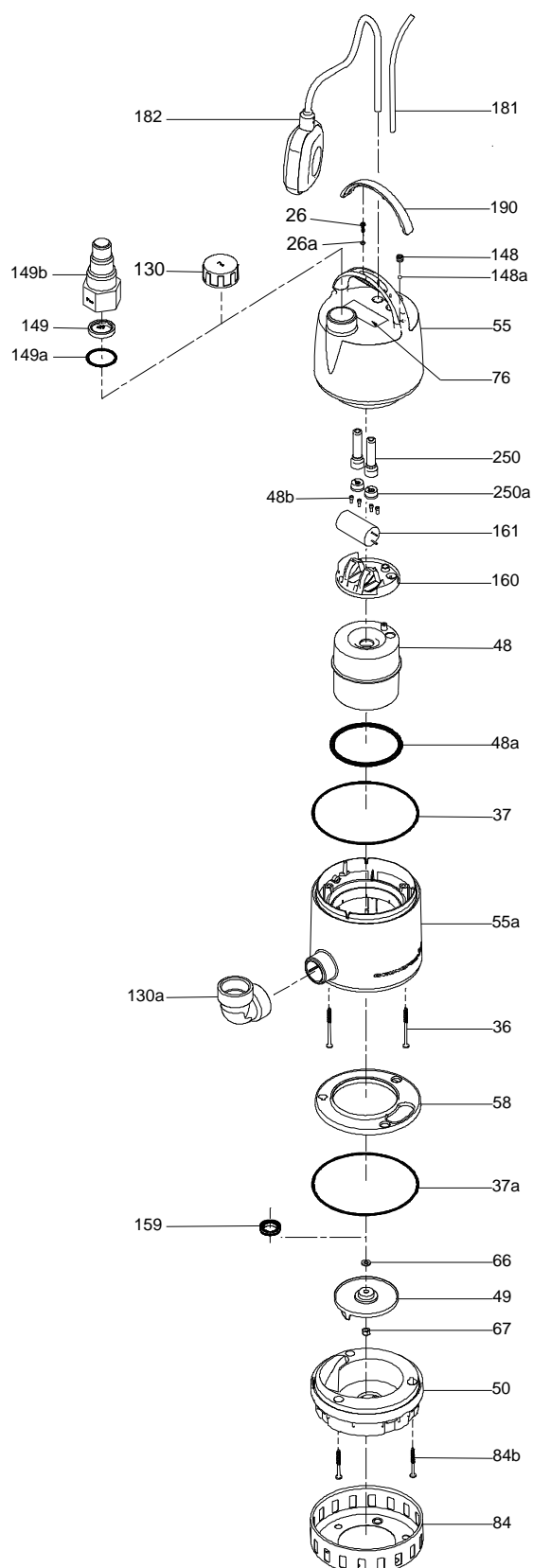
Amount: 1

Product No.: 96847183

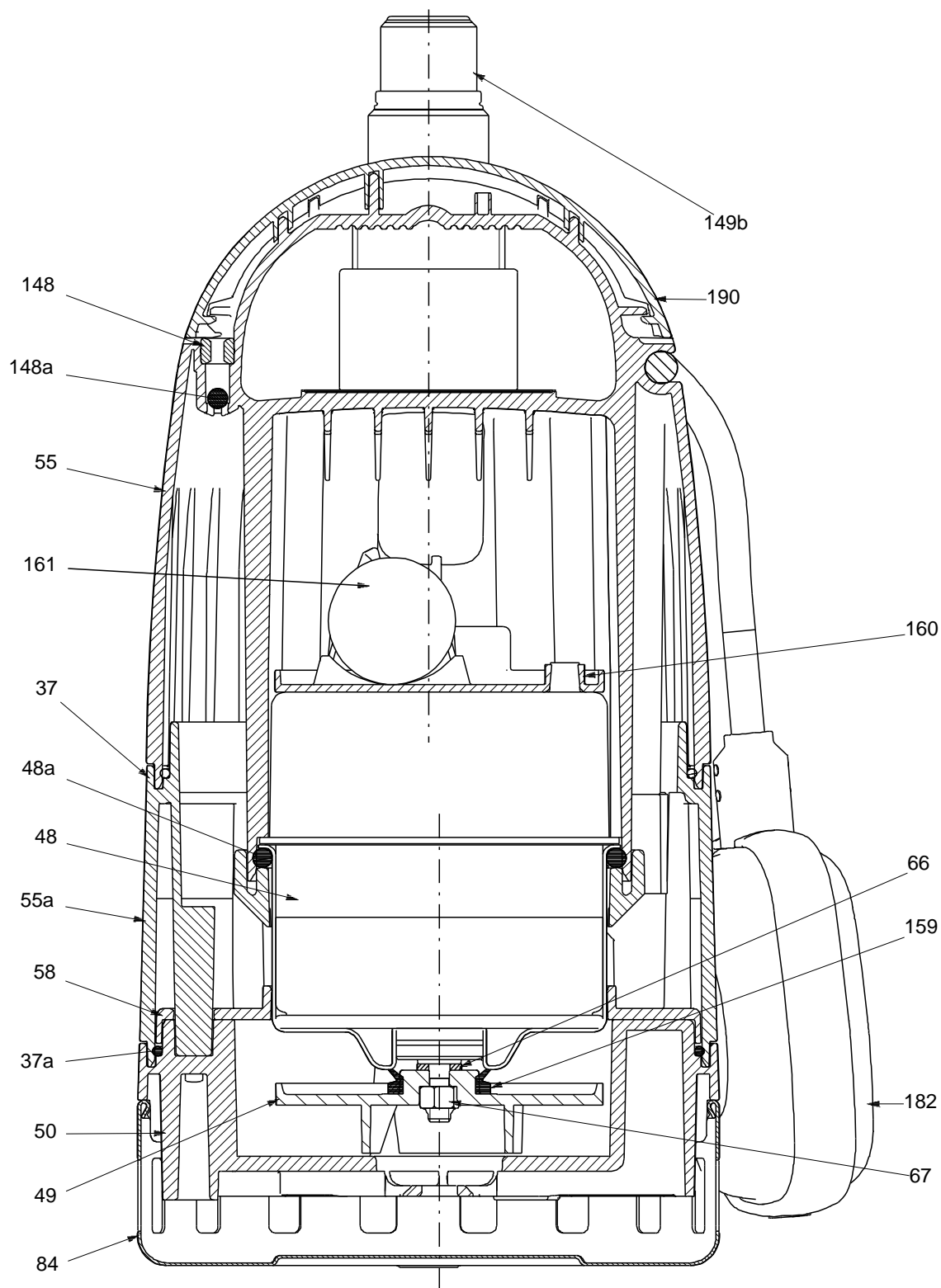
Total: Price on request

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## Exploded view (TM031101)



## Sectional drawing (TM030884)





Company name:

Created by:

Phone:

Date: 2/22/2018

**Parts list Unilift AP50.50.11.A1.V, Prod number 96847183**

**Valid from 3.10.2005 (0541)**

Position	Description	Annotation	Classification data	Part No.	Count	Unit
+ 49	Impeller				1	pcs
- 181	Motor cable		Type: 3AWG16		1	pcs
	Cable				1	
197	Union				1	