

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

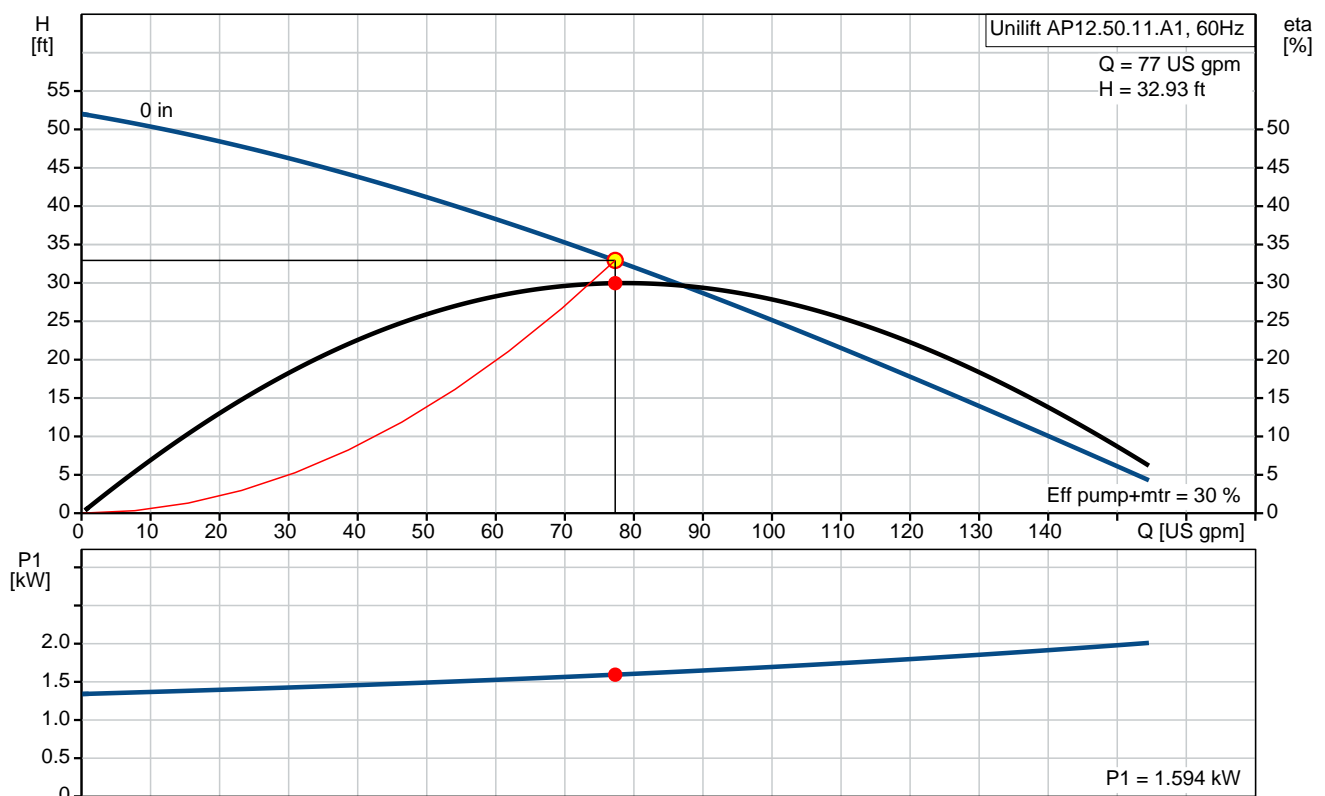


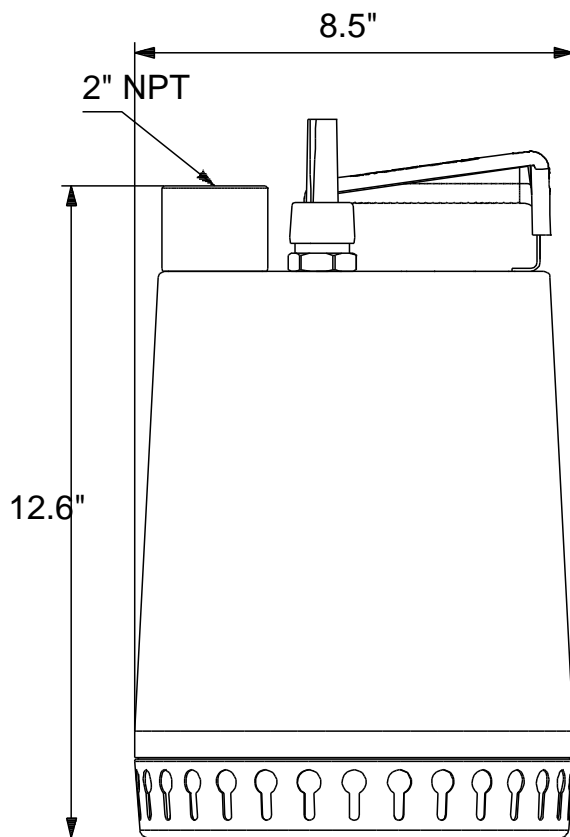
Unilift AP12.50.11.A1

Drainage pumps

Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: 77 US gpm	Liquid temperature range: 32 .. 131 °F	Rated voltage: 220-230 V
Head: 32.93 ft	Approvals: CSA	Main frequency: 60 Hz
Efficiency: 30 %	Product number: 96847172	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.: [96847172](#)

Unilift AP12.50.11.A1

Submersible drainage pump type

Vertical single-stage stainless steel submersible pump with vertical discharge port and integrated submersible 1-phase totally enclosed motor in insulation class F with thermal overload protection.

The pump is fitted with suction strainer and level switch for automatic start and stop.

The impeller is a Semi-open impeller for 7/16 in free passage suitable for pumping groundwater, surface water, rain water and similar liquids.

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

The pump has a riser pipe, a cooling jacket for continuous cooling of the motor by the pumped liquid and long-life deep-groove greased-for-life ball bearings.

The pump is ready for use as it is fitted with carrying handle and is supplied with a 25 ft mains cable. The mains cable is of the plug type with glass sealing compound in the socket to prevent penetration of humidity into the stator windings.

Liquid:

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

Technical:

Actual calculated flow:	77 US gpm
Resulting head of the pump:	32.93 ft
Type of impeller:	Semi-open



Company name:

Created by:

Phone:

Date:

2/22/2018

Maximum particle size: 7/16 in

Approvals on nameplate: CSA

Materials:

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

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: 2.37 W

1.8 kW

Main frequency: 60 Hz

Rated voltage: 1 x 220-230 V

Rated current: 9 A

Starting current: 35 A

Cos phi - power factor: 0,98

Rated speed: 3350 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: 34.6 lb

Gross weight: 36.4 lb

Shipping volume: 1.17 ft³

Position	Count	Description
	1	<p>Unilift AP12.50.11.A1</p>  <p>Product photo could vary from the actual product</p> <p>Product No.: 96847172 Submersible drainage pump type</p> <p>Vertical single-stage stainless steel submersible pump with vertical discharge port and integrated submersible 1-phase totally enclosed motor in insulation class F with thermal overload protection.</p> <p>The pump is fitted with suction strainer and level switch for automatic start and stop.</p> <p>The impeller is a Semi-open impeller for 7/16 in free passage suitable for pumping groundwater, surface water, rain water 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 pump has a riser pipe, a cooling jacket for continuous cooling of the motor by the pumped liquid and long-life deep-groove greased-for-life ball bearings.</p> <p>The pump is ready for use as it is fitted with carrying handle and is supplied with a 25 ft mains cable. The mains cable is of the plug type with glass sealing compound in the socket to prevent penetration of humidity into the stator windings.</p> <p>Liquid: Pumped liquid: any viscous fluid Liquid temperature range: 32 .. 131 °F Density: 62.29 lb/ft³</p> <p>Technical: Actual calculated flow: 77 US gpm Resulting head of the pump: 32.93 ft Type of impeller: Semi-open Maximum particle size: 7/16 in Approvals on nameplate: CSA</p>



Company name:

Created by:

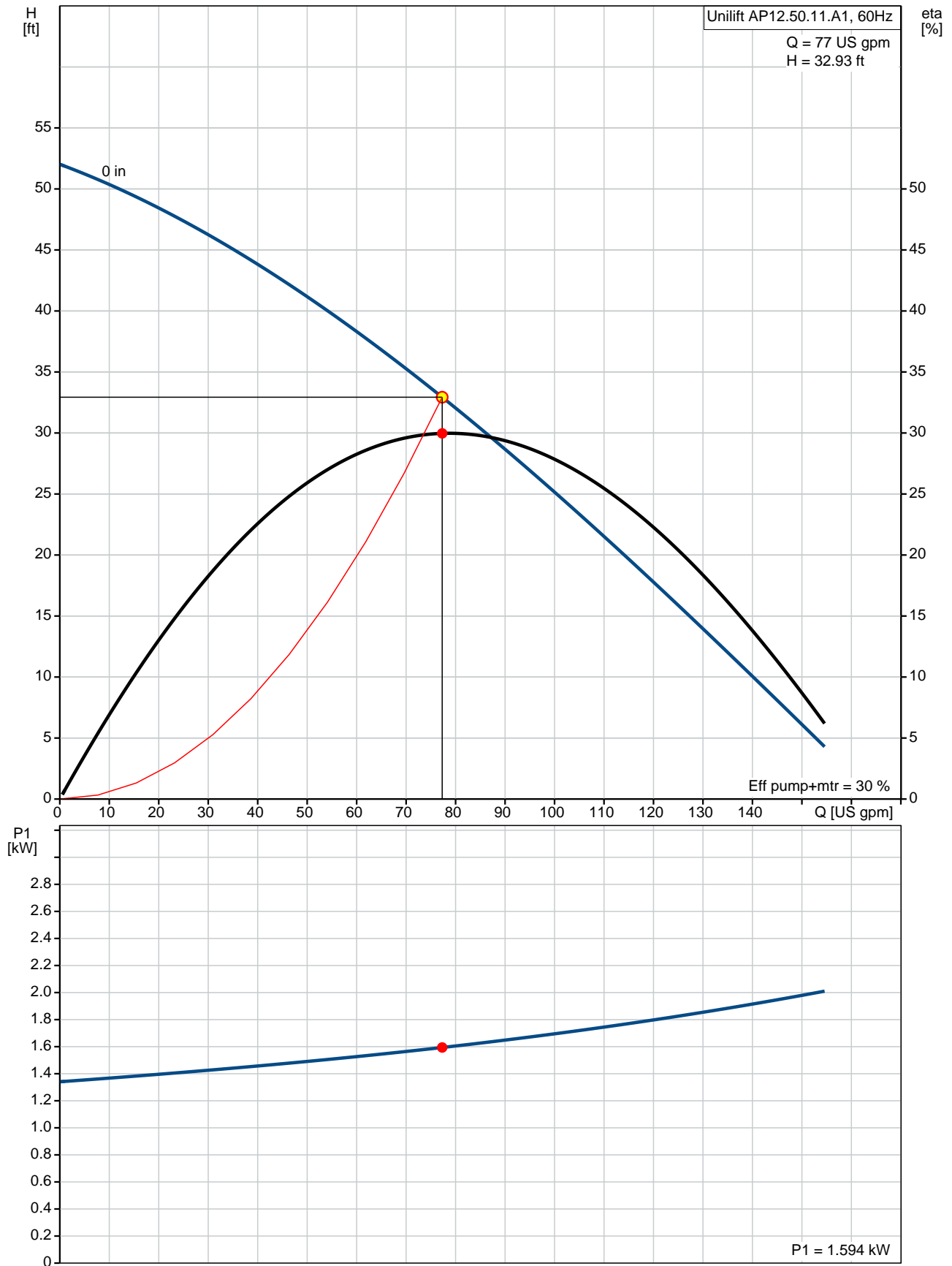
Phone:

Date:

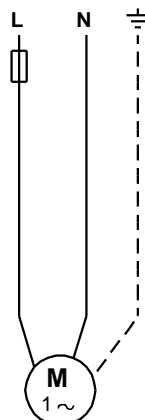
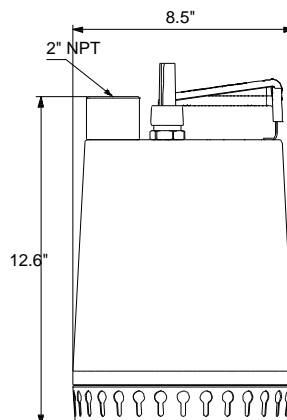
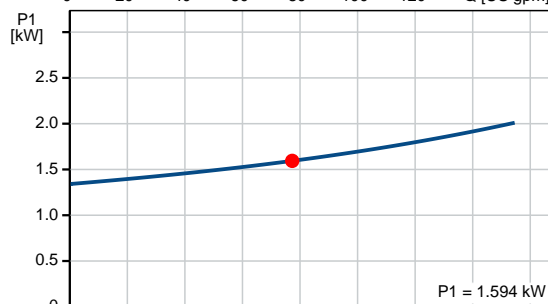
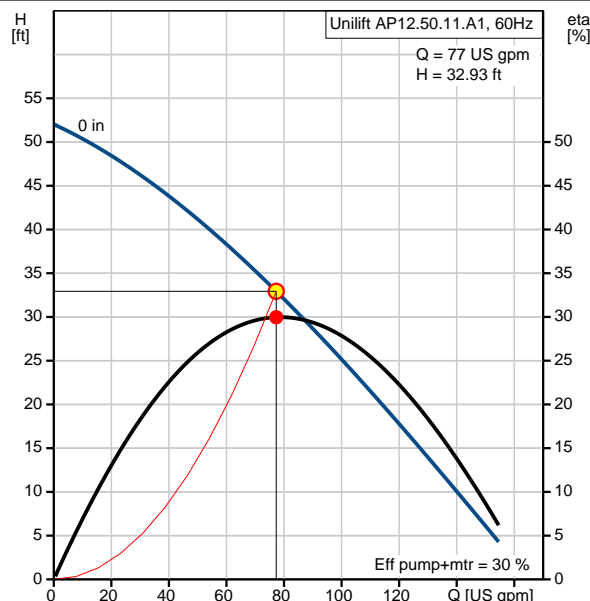
2/22/2018

Position	Count	Description
		Materials:
		Pump housing: Stainless steel DIN W.-Nr. 1.4301 AISI 304
		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: 2.37 W 1.8 kW
		Main frequency: 60 Hz
		Rated voltage: 1 x 220-230 V
		Rated current: 9 A
		Starting current: 35 A
		Cos phi - power factor: 0,98
		Rated speed: 3350 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: 34.6 lb
		Gross weight: 36.4 lb
		Shipping volume: 1.17 ft³

96847172 Unilift AP12.50.11.A1 60 Hz



Description	Value
General information:	
Product name:	Unilift AP12.50.11.A1
Product No.:	96847172
EAN:	5700311894606
Technical:	
Actual calculated flow:	77 US gpm
Max flow:	141 US gpm
Resulting head of the pump:	32.93 ft
Head max:	52.5 ft
Type of impeller:	Semi-open
Maximum particle size:	7/16 in
Approvals on nameplate:	CSA
Materials:	
Pump housing:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Impeller:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Installation:	
Pump outlet:	2" NPT
Maximum installation depth:	25 ft
Inst dry/wet:	D/S
Installation:	horizontal or vertical
Liquid:	
Pumped liquid:	any viscous fluid
Liquid temperature range:	32 .. 131 °F
Density:	62.29 lb/ft³
Electrical data:	
Type of motor:	PSC
Power input - P1:	2.37 W
	1.8 kW
P2:	1.743 HP
Main frequency:	60 Hz
Rated voltage:	1 x 220-230 V
Rated current:	9 A
Starting current:	35 A
Cos phi - power factor:	0,98
Rated speed:	3350 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
Controls:	
Level switch:	float switch
Others:	
Net weight:	34.6 lb
Gross weight:	36.4 lb
Shipping volume:	1.17 ft³





Company name:

Created by:

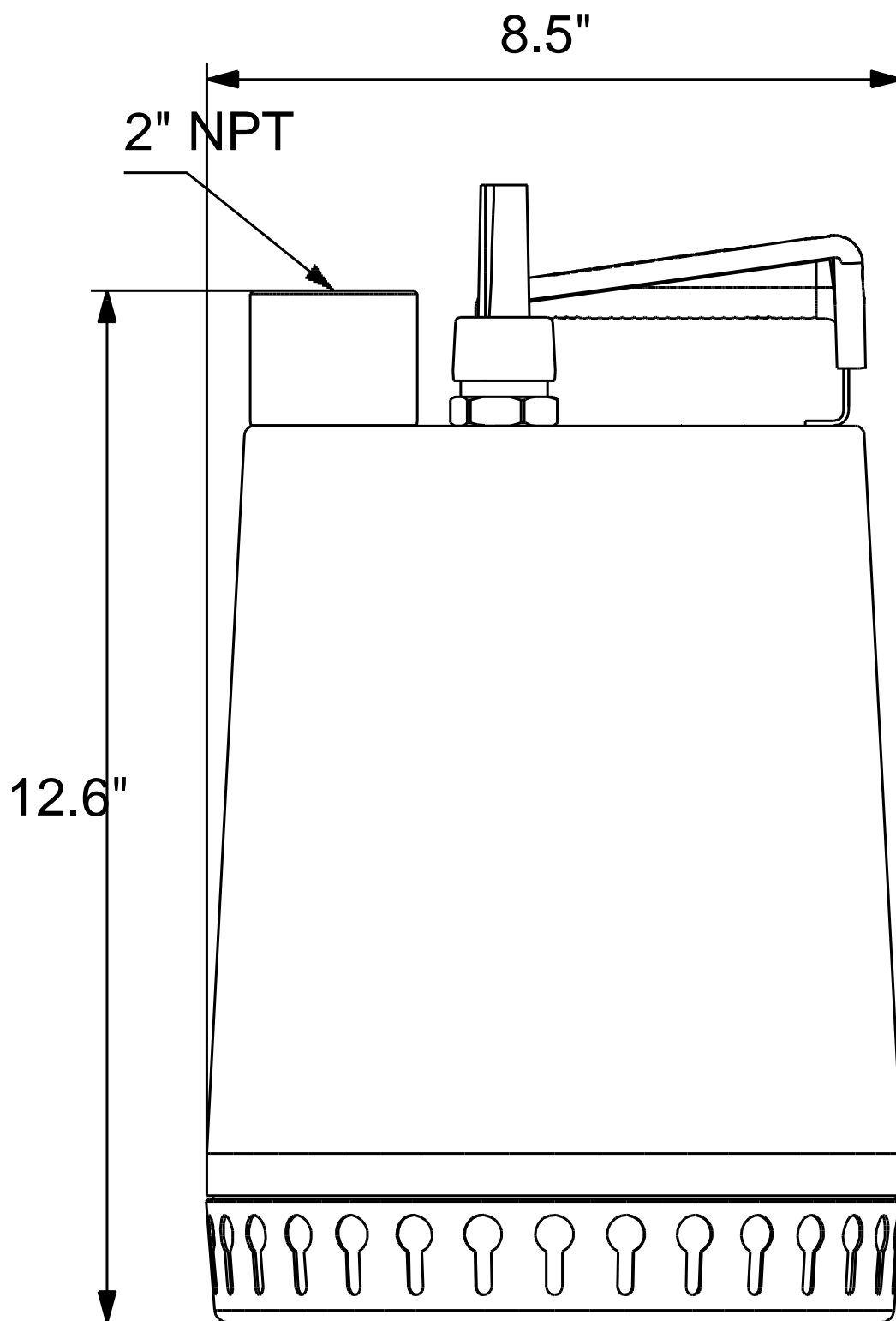
Phone:

Date:

2/22/2018

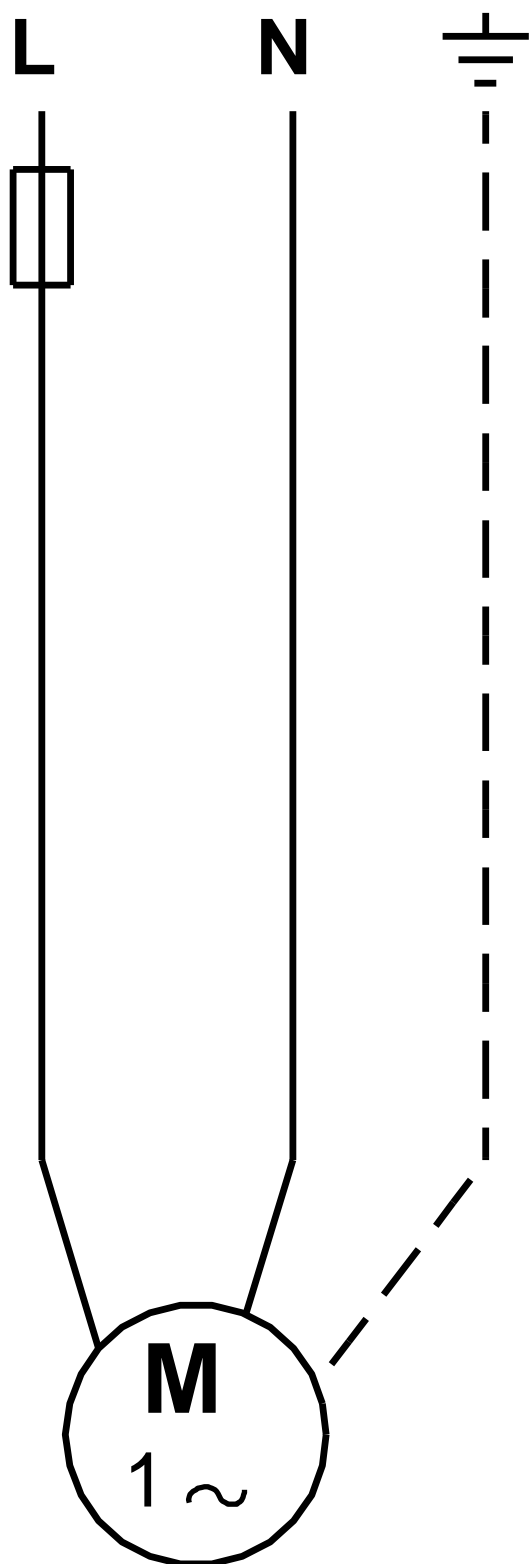
Description	Value
Sales region:	Namreg

96847172 Unilift AP12.50.11.A1 60 Hz



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

96847172 Unilift AP12.50.11.A1 60 Hz



All units are [mm] unless otherwise presented.



Company name:

Created by:

Phone:

Date:

2/22/2018

Order Data:

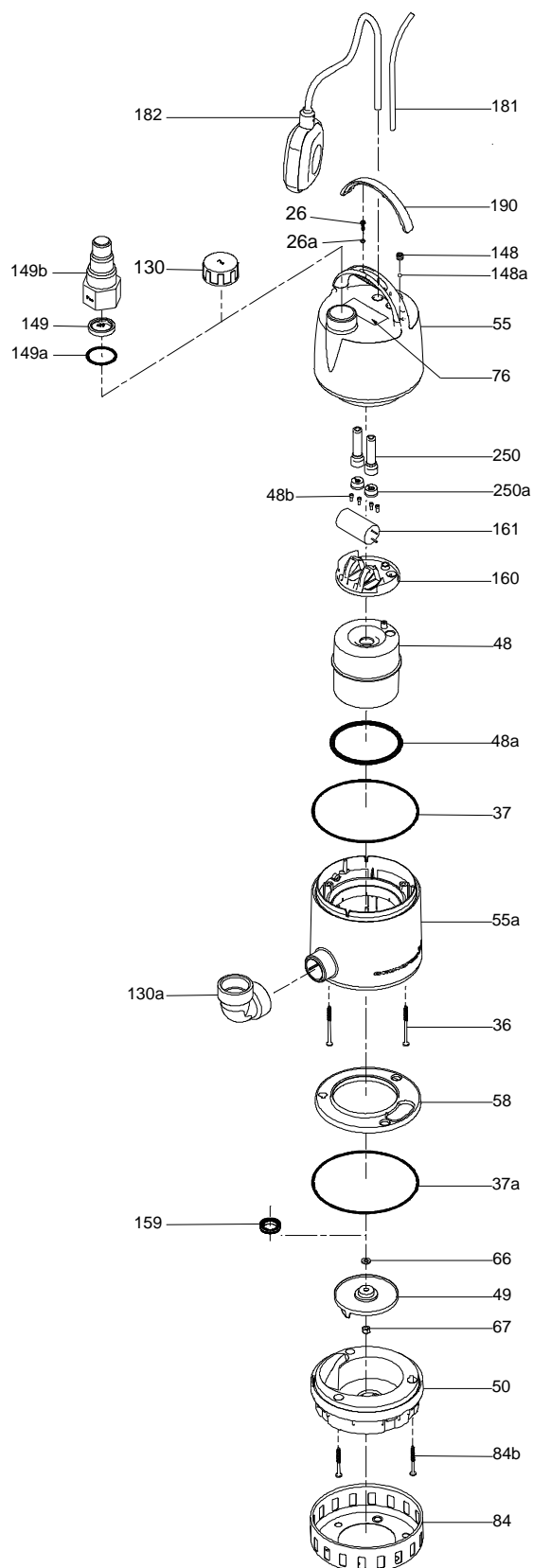
Product name: Unilift AP12.50.11.A1

Amount: 1

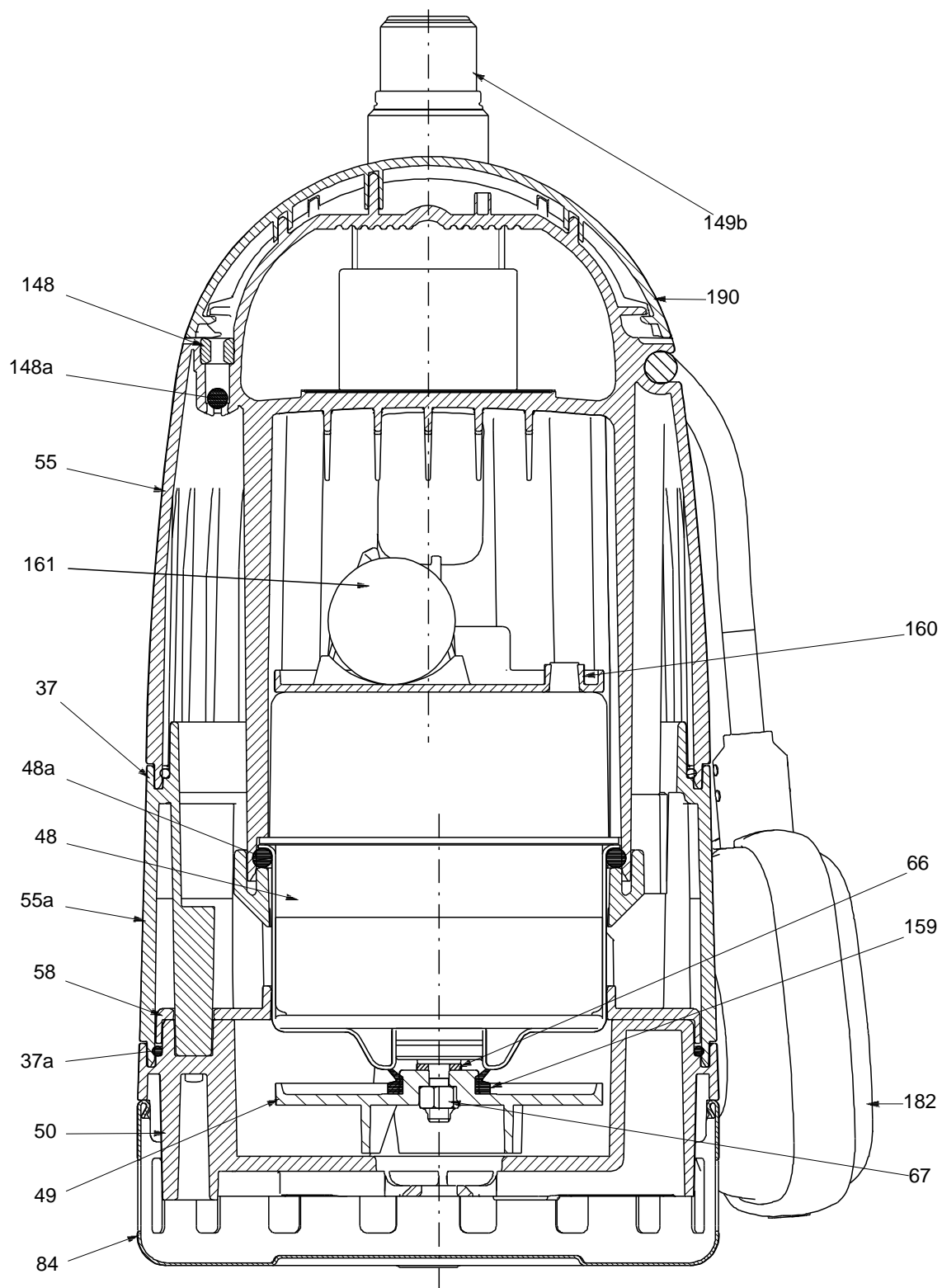
Product No.: 96847172

Total: Price on request

Exploded view (TM031101)



Sectional drawing (TM030884)



TM030884)



Company name:

Created by:

Phone:

Date:

2/22/2018

Parts list Unilift AP12.50.11.A1, Prod number 96847172

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	