

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

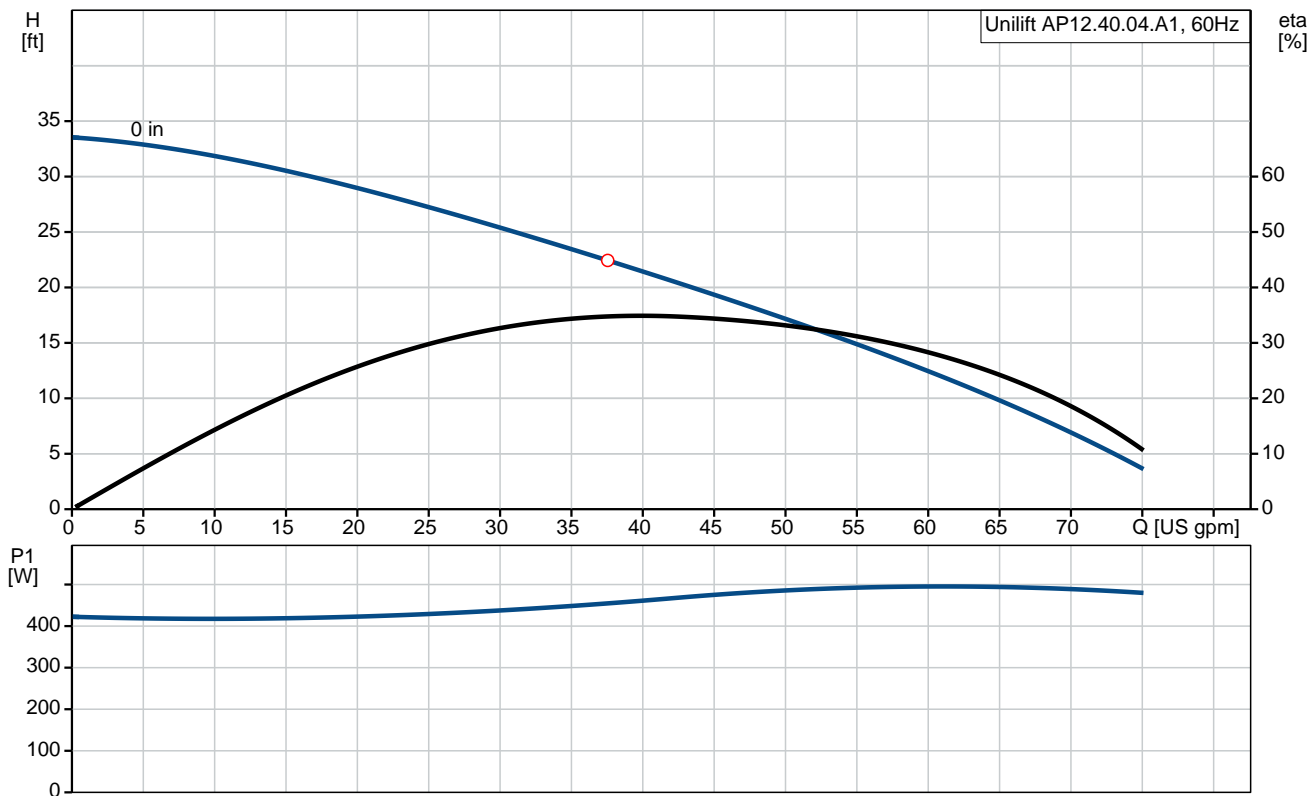


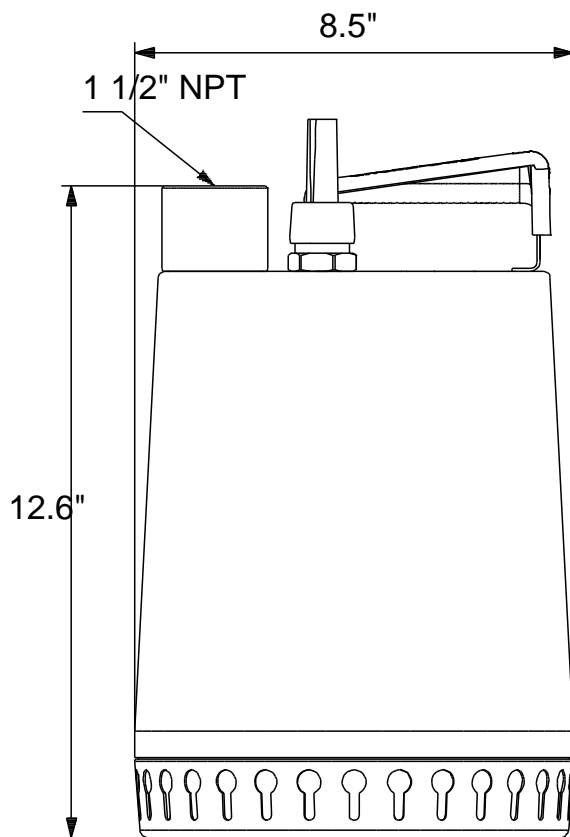
Unilift AP12.40.04.A1

Drainage pumps

Product photo could vary from the actual product

Conditions of Service	Pump Data	Motor Data
Flow: _____	Liquid temperature range: 32 .. 131 °F	Enclosure class: IP68
Head: _____	Approvals: CSA	Insulation class: F
Efficiency: _____	Product number: 96847166	Motor protection: CONTACT
Liquid: any viscous fluid		Thermal protection: internal
Temperature: _____		
NPSH required: ft		
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.: [96847166](#)

Unilift AP12.40.04.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:

Type of impeller:	Semi-open
Maximum particle size:	7/16 in
Approvals on nameplate:	CSA



Company name:

Created by:

Phone:

Date:

2/22/2018

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: 1.5" NPT
Maximum installation depth: 25 ft

Electrical data:

Type of motor: PSC
Power input - P1: 0.92 W
0.7 kW
Phase: 1
Starting current: 24 A
Cos phi - power factor: 0,99
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: US

Others:

Net weight: 24.9 lb
Gross weight: 26.5 lb
Shipping volume: 1.17 ft³

Position	Count	Description
	1	<p>Unilift AP12.40.04.A1</p>  <p>Product photo could vary from the actual product</p> <p>Product No.: 96847166 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: Type of impeller: Semi-open Maximum particle size: 7/16 in Approvals on nameplate: CSA</p> <p>Materials:</p>



Company name:

Created by:

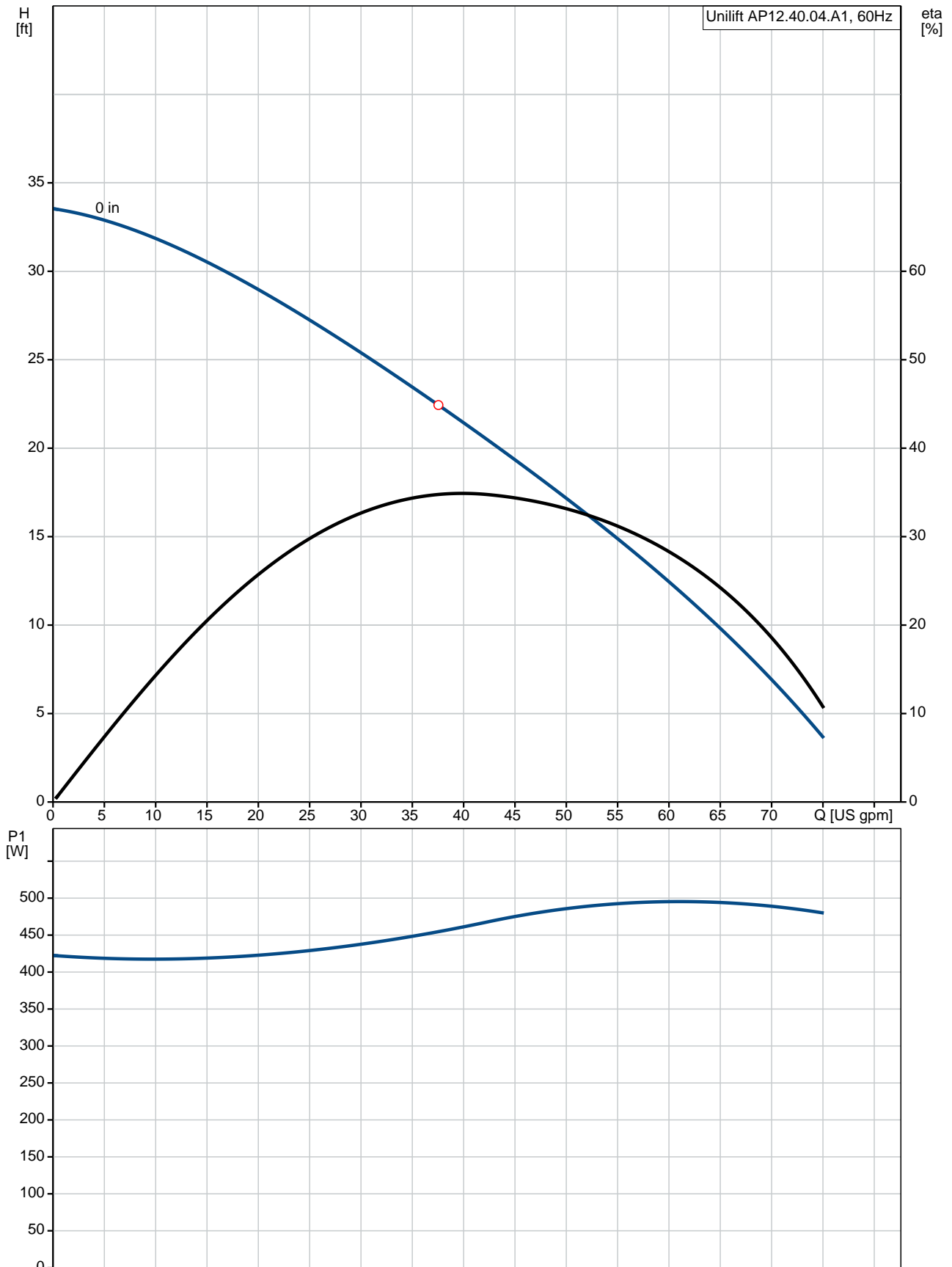
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Date:

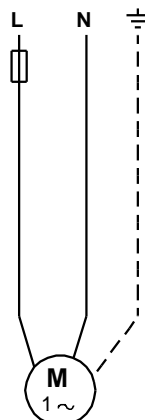
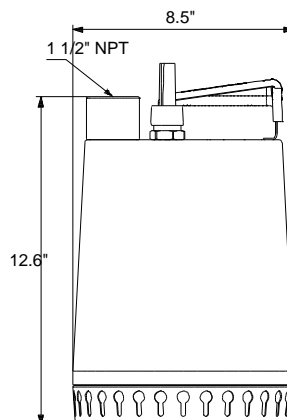
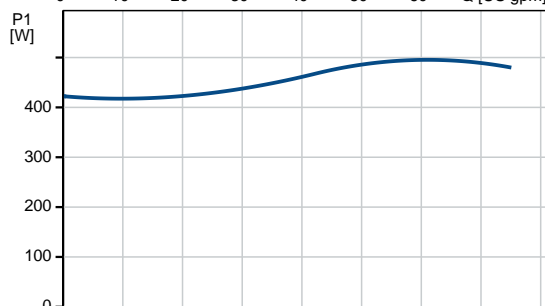
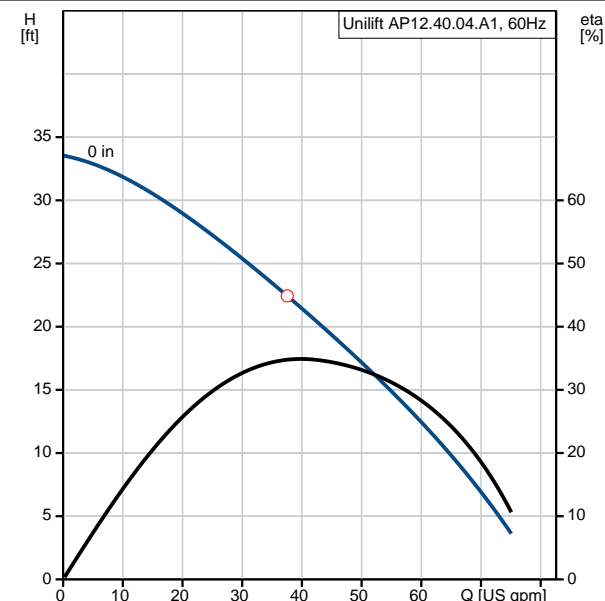
2/22/2018

Position	Count	Description
		<p>Pump housing: Stainless steel DIN W.-Nr. 1.4301 AISI 304</p> <p>Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304</p> <p>Installation: Pump outlet: 1.5" NPT Maximum installation depth: 25 ft</p> <p>Electrical data: Type of motor: PSC Power input - P1: 0.92 W 0.7 kW Phase: 1 Starting current: 24 A Cos phi - power factor: 0,99 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: US</p> <p>Others: Net weight: 24.9 lb Gross weight: 26.5 lb Shipping volume: 1.17 ft³</p>

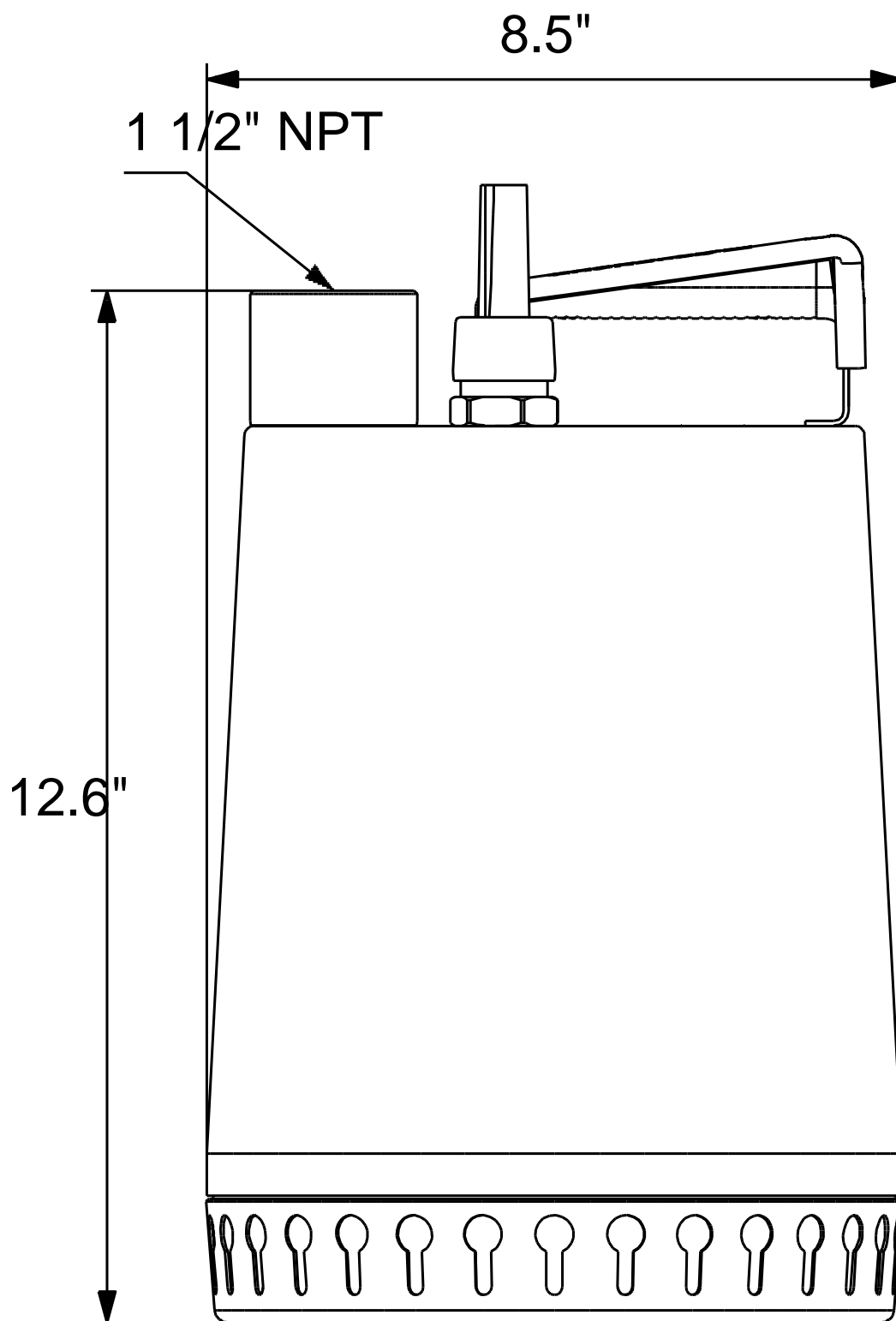
96847166 Unilift AP12.40.04.A1 60 Hz



Description	Value
General information:	
Product name:	Unilift AP12.40.04.A1
Product No.:	96847166
EAN:	5700311894446
Technical:	
Max flow:	61.6 US gpm
Head max:	32.81 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:	1.5" 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:	0.92 W 0.7 kW
P2:	0.5 HP
Phase:	1
Starting current:	24 A
Cos phi - power factor:	0,99
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:	US
Controls:	
Level switch:	float switch
Others:	
Net weight:	24.9 lb
Gross weight:	26.5 lb
Shipping volume:	1.17 ft³
Sales region:	Namreg

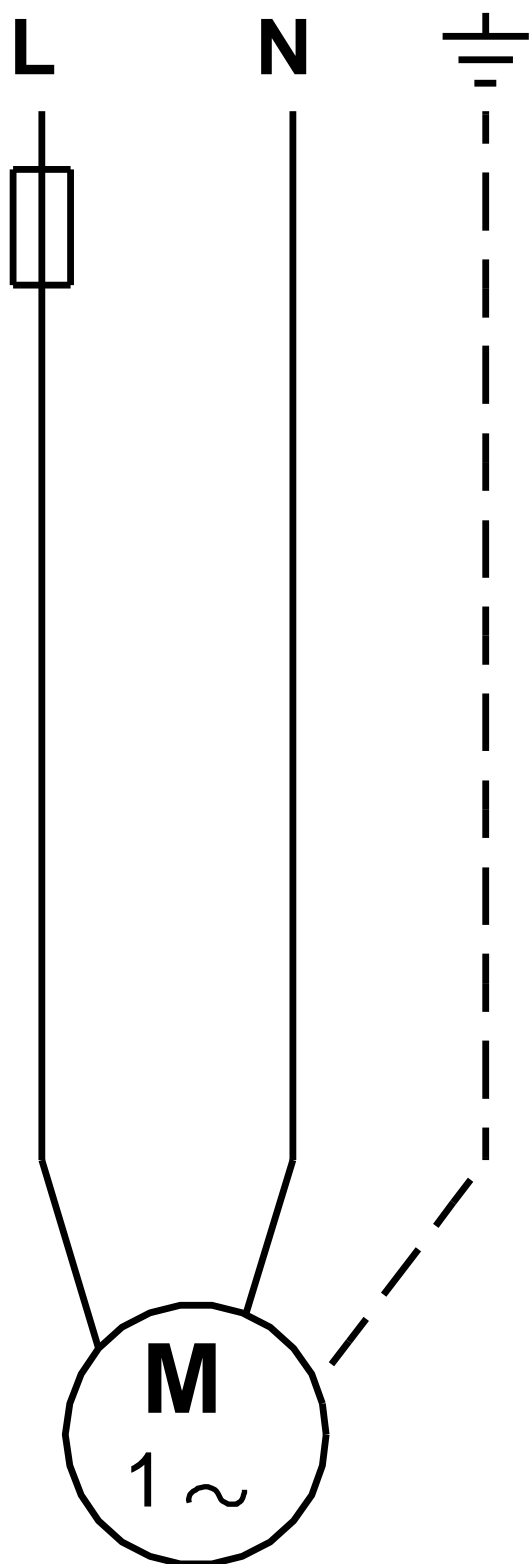


96847166 Unilift AP12.40.04.A1 60 Hz



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

96847166 Unilift AP12.40.04.A1 60 Hz



All units are [mm] unless otherwise presented.



Company name:

Created by:

Phone:

Date:

2/22/2018

Order Data:

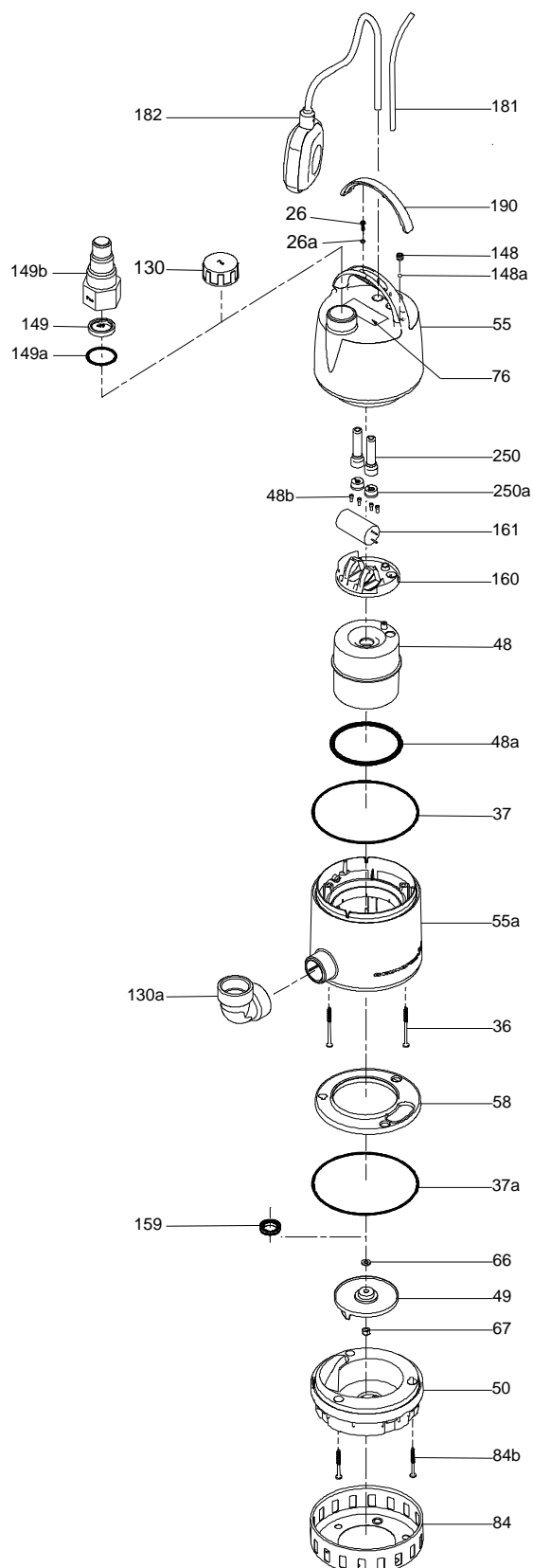
Product name: Unilift AP12.40.04.A1

Amount: 1

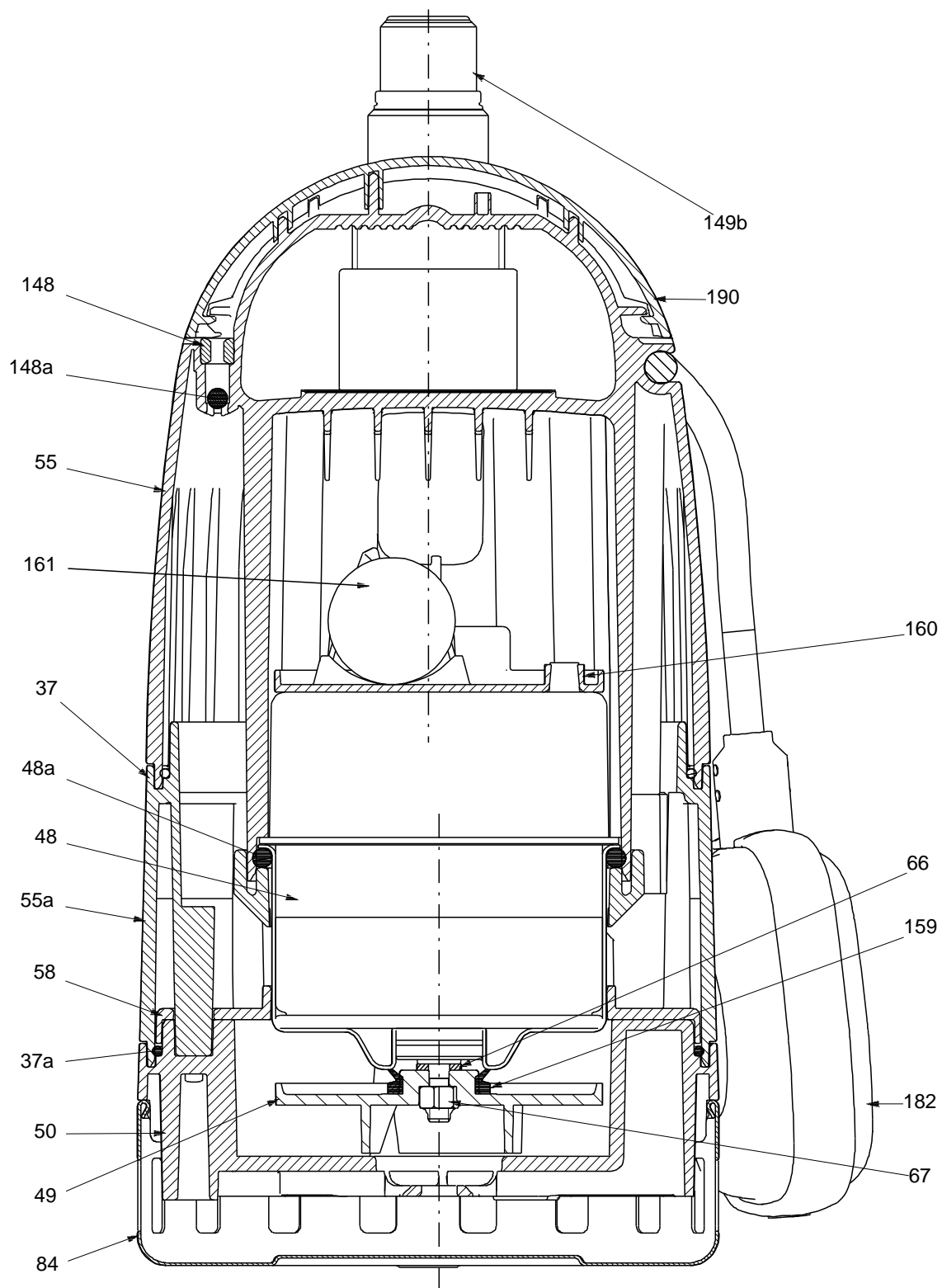
Product No.: 96847166

Total: Price on request

Exploded view (TM031101)



Sectional drawing (TM030884)





Company name:

Created by:

Phone:

Date:

2/22/2018

Parts list Unilift AP12.40.04.A1, Prod number 96847166

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	