

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

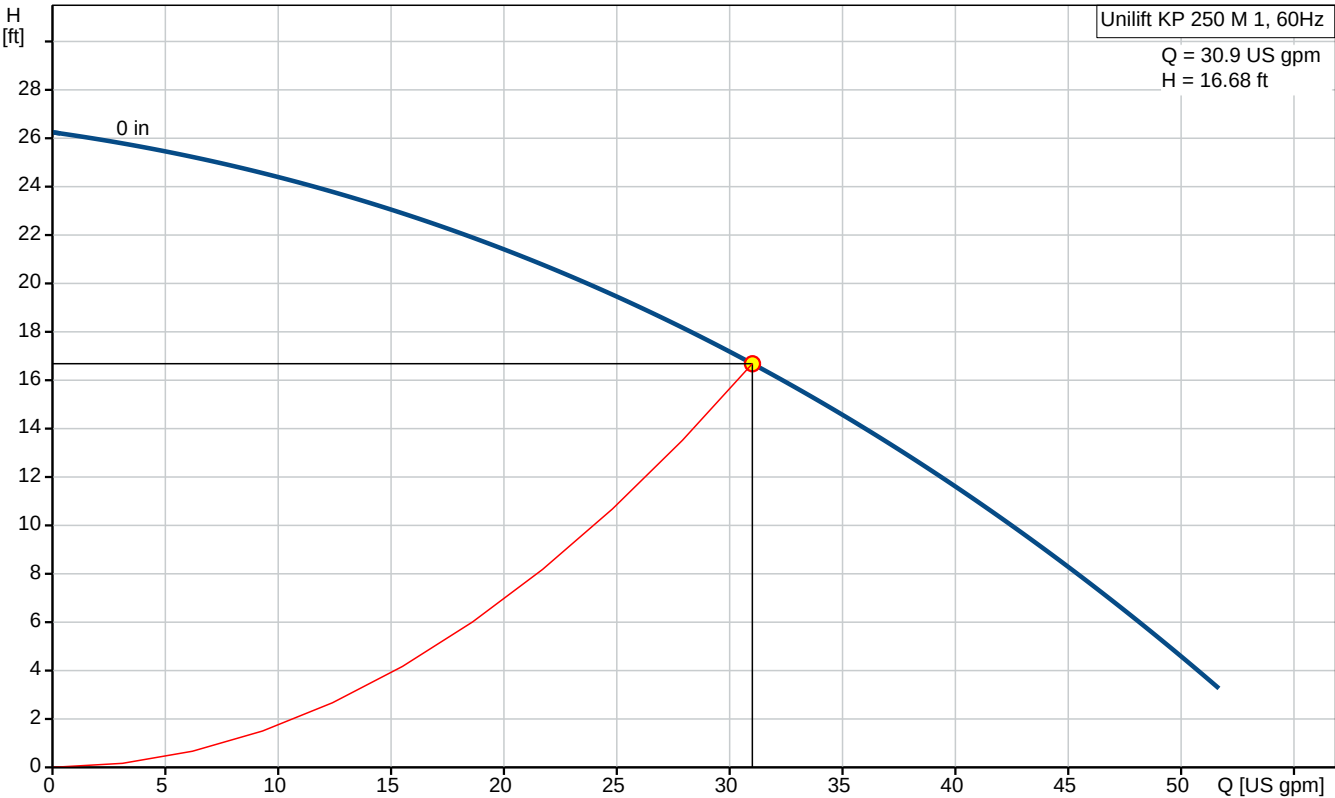


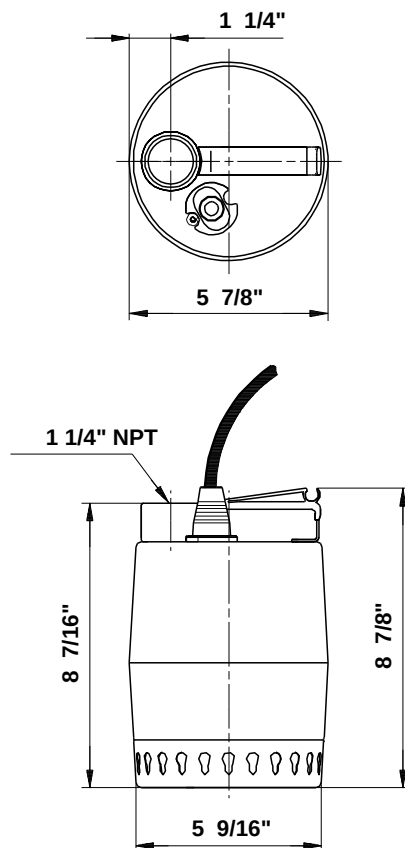
Unilift KP 250 M 1

Domestic drainage pumps in stainless steel for solids up to 0.39" (10 mm).

Product photo could vary from the actual product

Conditions of Service		Pump Data		Motor Data	
Flow:	30.9 US gpm	Liquid temperature range:	32 .. 122 °F	Rated voltage:	115 V
Head:	16.68 ft	Approvals:	UL Listed, CSA	Main frequency:	60 Hz
Efficiency:	_____	Product number:	012DC001	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.: **012DC001**

Unilift KP 250 M 1

Submersible drainage pump

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

The pump is fitted with a suction strainer, a carrying handle and is supplied with a 9.843 ft mains cable.

The impeller is a semi-open impeller for 3/8" free passage suitable for pumping groundwater, surface water, rain water and similar liquids.

The pump has a double shaft seal consisting of two lip seals with grease in-between.

The pump has an outer casing ensuring continuous cooling of the motor by the pumped liquid. The rotor shaft operates in two maintenance-free carbon bearings cooled by the pumped liquid.

The motor is filled with a non-toxic motor liquid.

Liquid:

Pumped liquid: any viscous fluid

Liquid temperature range: 32 .. 122 °F

Density: 62.29 lb/ft³

Technical:

Actual calculated flow: 30.9 US gpm

Resulting head of the pump: 16.68 ft

Type of impeller: Semi-open

Maximum particle size: 3/8 in

Approvals on nameplate: UL Listed, 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 1/4" NPT



Company name:

Created by:

Phone:

Date:

2/22/2018

Maximum installation depth: 9.843 ft

Electrical data:

Power input - P1: 480 W
Main frequency: 60 Hz
Rated voltage: 1 x 115 V
Rated current: 4.9 A
Starting current: 14.5 A
Capacitor size - run: 20 μ F/250 V
Enclosure class (IEC 34-5): IP68
Insulation class (IEC 85): F
Length of cable: 9.843 ft
Type of cable plug: US

Others:

Shipping volume: 0.44 ft³

Position	Count	Description
	1	Unilift KP 250 M 1  Product photo could vary from the actual product Product No.: 012DC001 Submersible drainage pump Vertical single-stage stainless steel submersible pump with vertical discharge port and integrated submersible 1-phase canned motor in insulation class F with thermal overload protection. The pump is fitted with a suction strainer, a carrying handle and is supplied with a 9.843 ft mains cable. The impeller is a semi-open impeller for 3/8" free passage suitable for pumping groundwater, surface water, rain water and similar liquids. The pump has a double shaft seal consisting of two lip seals with grease in-between. The pump has an outer casing ensuring continuous cooling of the motor by the pumped liquid. The rotor shaft operates in two maintenance-free carbon bearings cooled by the pumped liquid. The motor is filled with a non-toxic motor liquid. Liquid: Pumped liquid: any viscous fluid Liquid temperature range: 32 .. 122 °F Density: 62.29 lb/ft³ Technical: Actual calculated flow: 30.9 US gpm Resulting head of the pump: 16.68 ft Type of impeller: Semi-open Maximum particle size: 3/8 in Approvals on nameplate: UL Listed, 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 1/4" NPT Maximum installation depth: 9.843 ft



Company name:

Created by:

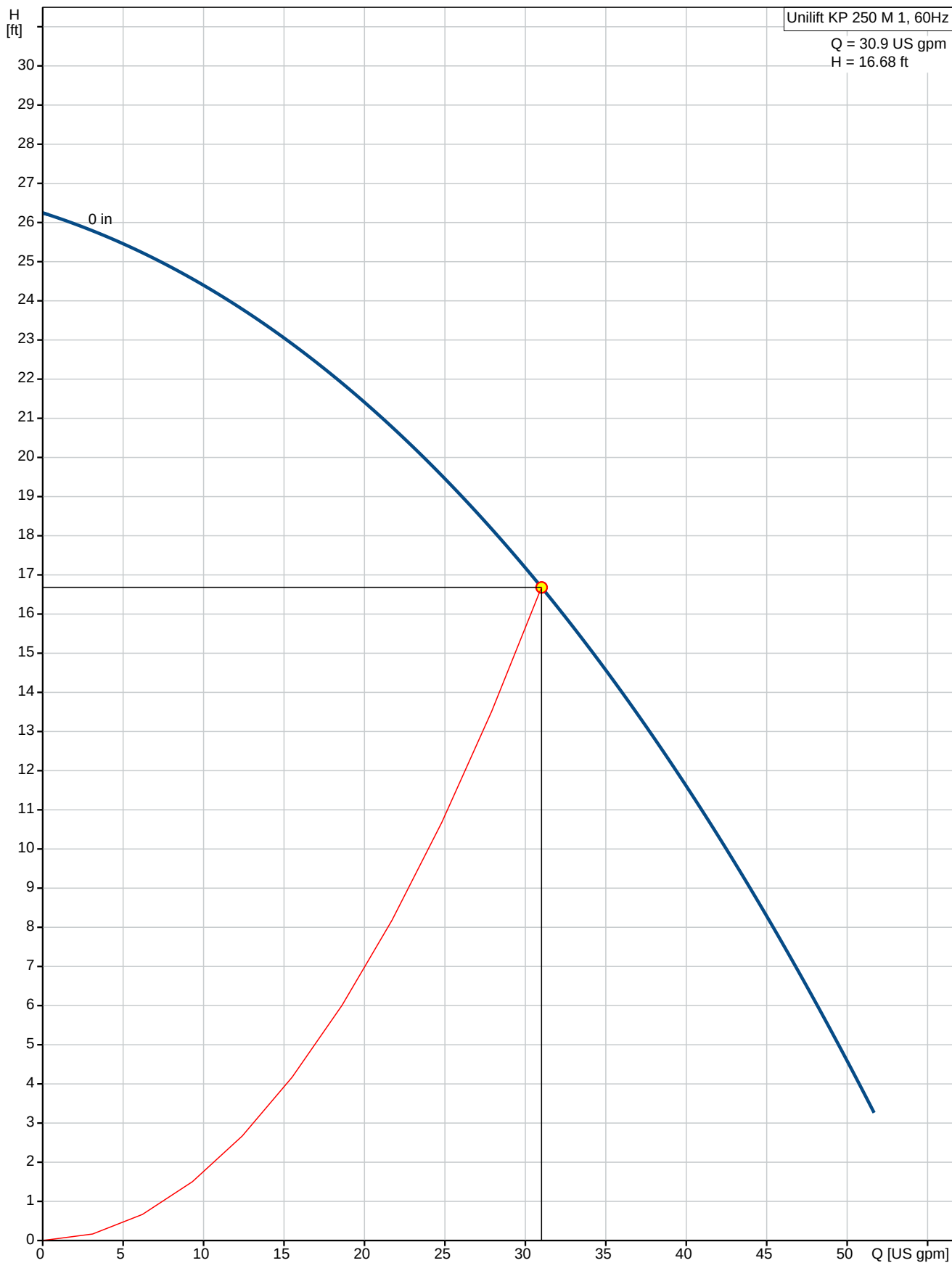
Phone:

Date:

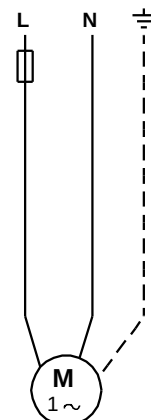
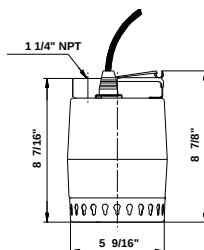
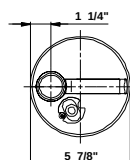
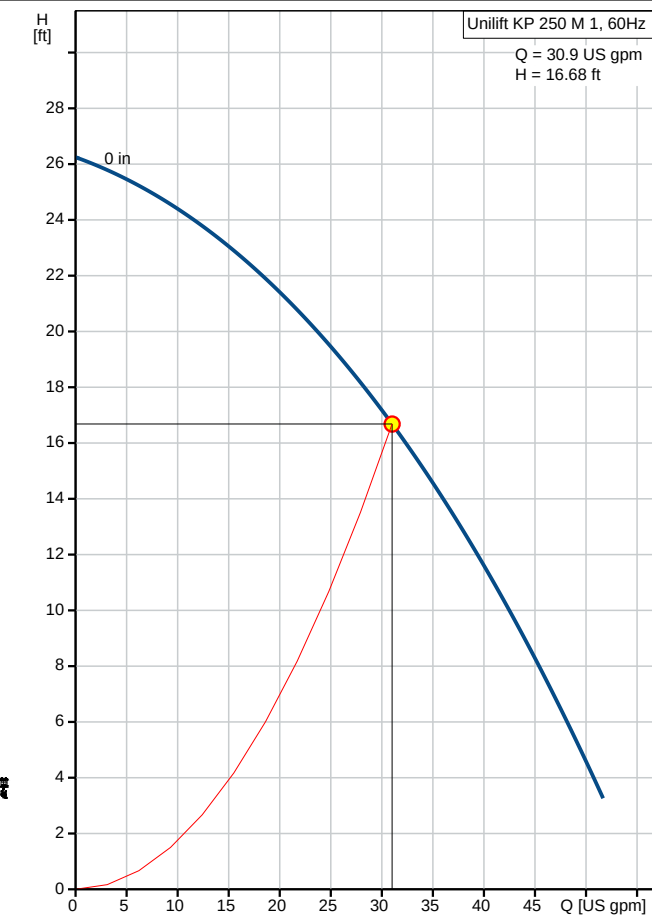
2/22/2018

Position	Count	Description
		Electrical data: Power input - P1: 480 W Main frequency: 60 Hz Rated voltage: 1 x 115 V Rated current: 4.9 A Starting current: 14.5 A Capacitor size - run: 20 µF/250 V Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Length of cable: 9.843 ft Type of cable plug: US Others: Shipping volume: 0.44 ft ³

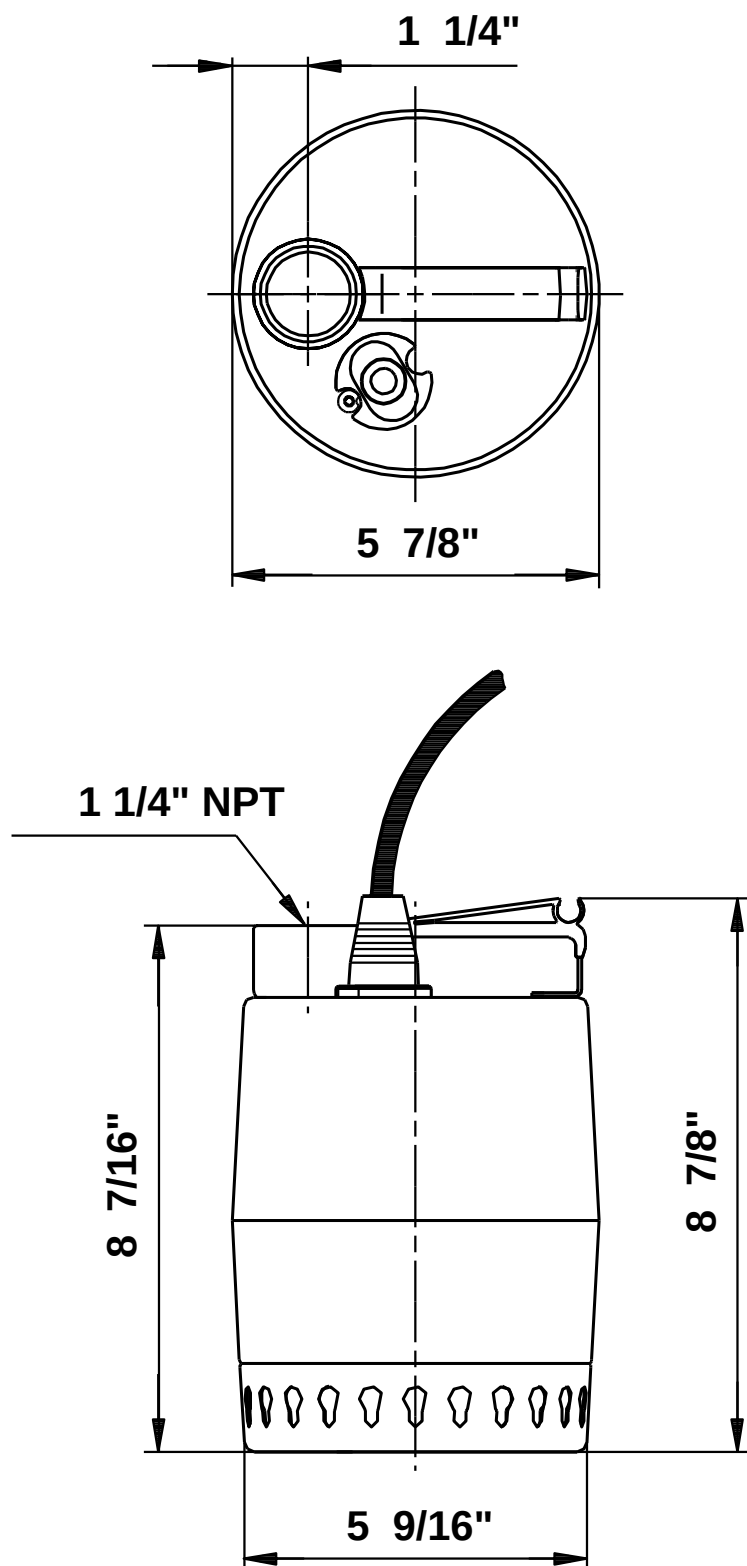
012DC001 Unilift KP 250 M 1 60 Hz



Description	Value
General information:	
Product name:	Unilift KP 250 M 1
Product No.:	012DC001
EAN:	5700391248122
Technical:	
Actual calculated flow:	30.9 US gpm
Max flow:	50.6 US gpm
Resulting head of the pump:	16.68 ft
Head max:	26.25 ft
Type of impeller:	Semi-open
Maximum particle size:	3/8 in
Approvals on nameplate:	UL Listed, 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 1/4" NPT
Maximum installation depth:	9.843 ft
Inst dry/wet:	D/S
Installation:	horizontal or vertical
Liquid:	
Pumped liquid:	any viscous fluid
Liquid temperature range:	32 .. 122 °F
Density:	62.29 lb/ft³
Electrical data:	
Power input - P1:	480 W
Main frequency:	60 Hz
Rated voltage:	1 x 115 V
Rated current:	4.9 A
Starting current:	14.5 A
Capacitor size - run:	20 µF/250 V
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protection:	CONTACT
Thermal protec:	internal
Length of cable:	9.843 ft
Type of cable plug:	US
Others:	
Shipping volume:	0.44 ft³
Sales region:	Namreg

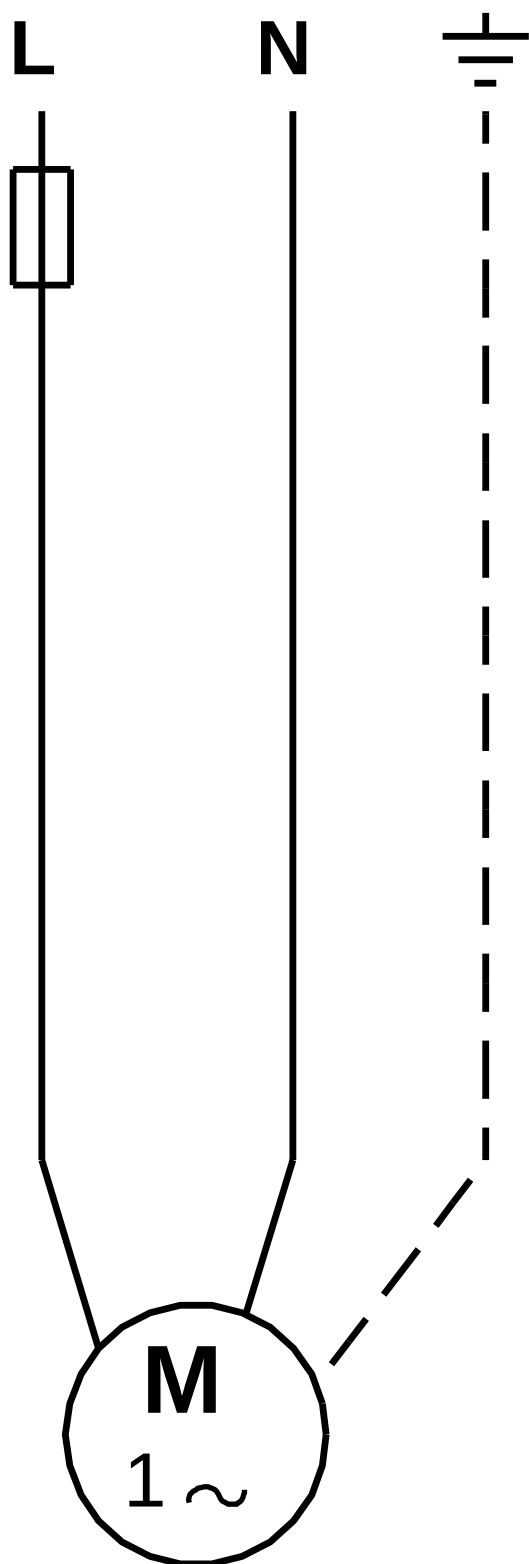


012DC001 Unilift KP 250 M 1 60 Hz



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

012DC001 Unilift KP 250 M 1 60 Hz



All units are [mm] unless otherwise presented.



Company name:

Created by:

Phone:

Date:

2/22/2018

Order Data:

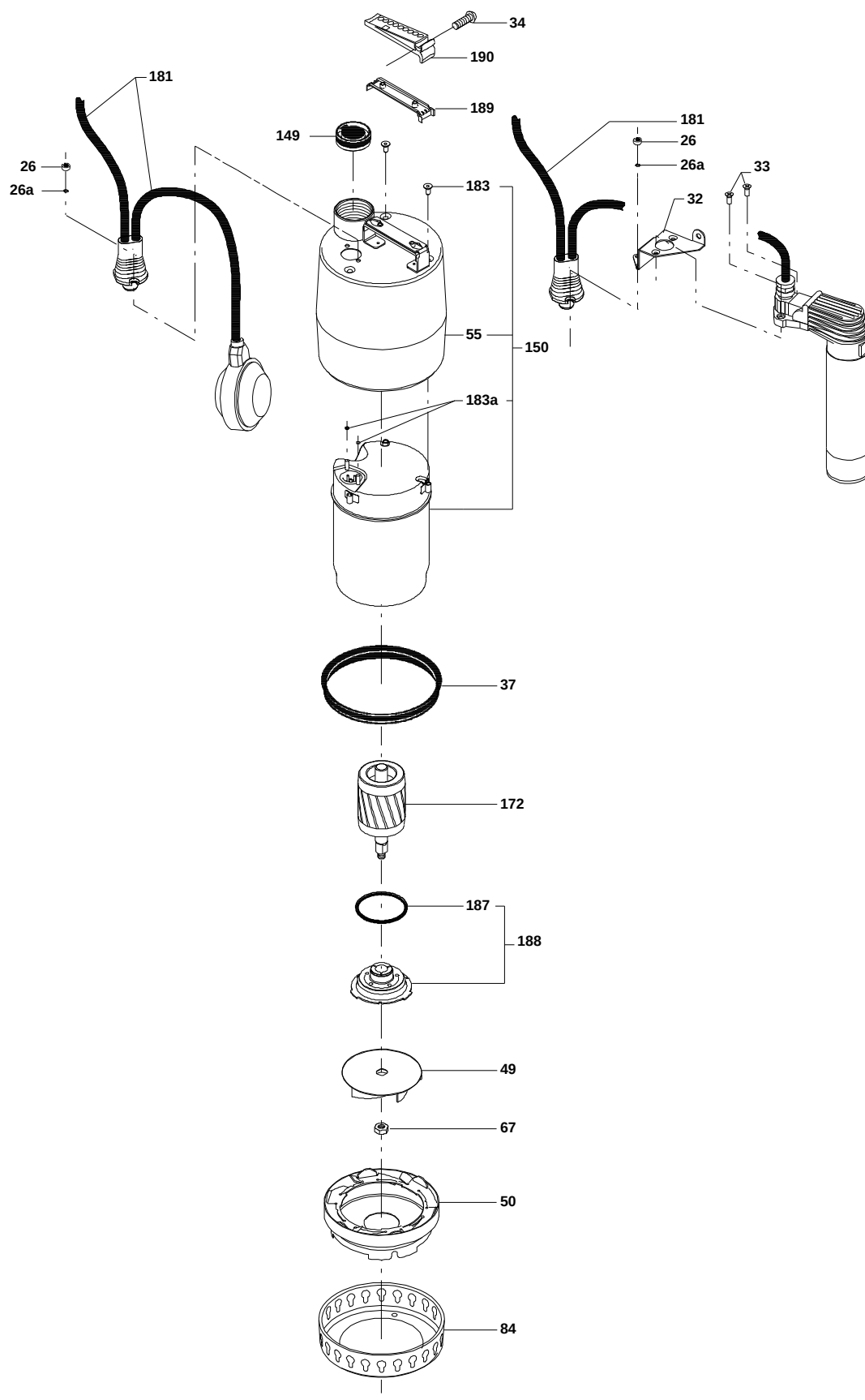
Product name: Unilift KP 250 M 1

Amount: 1

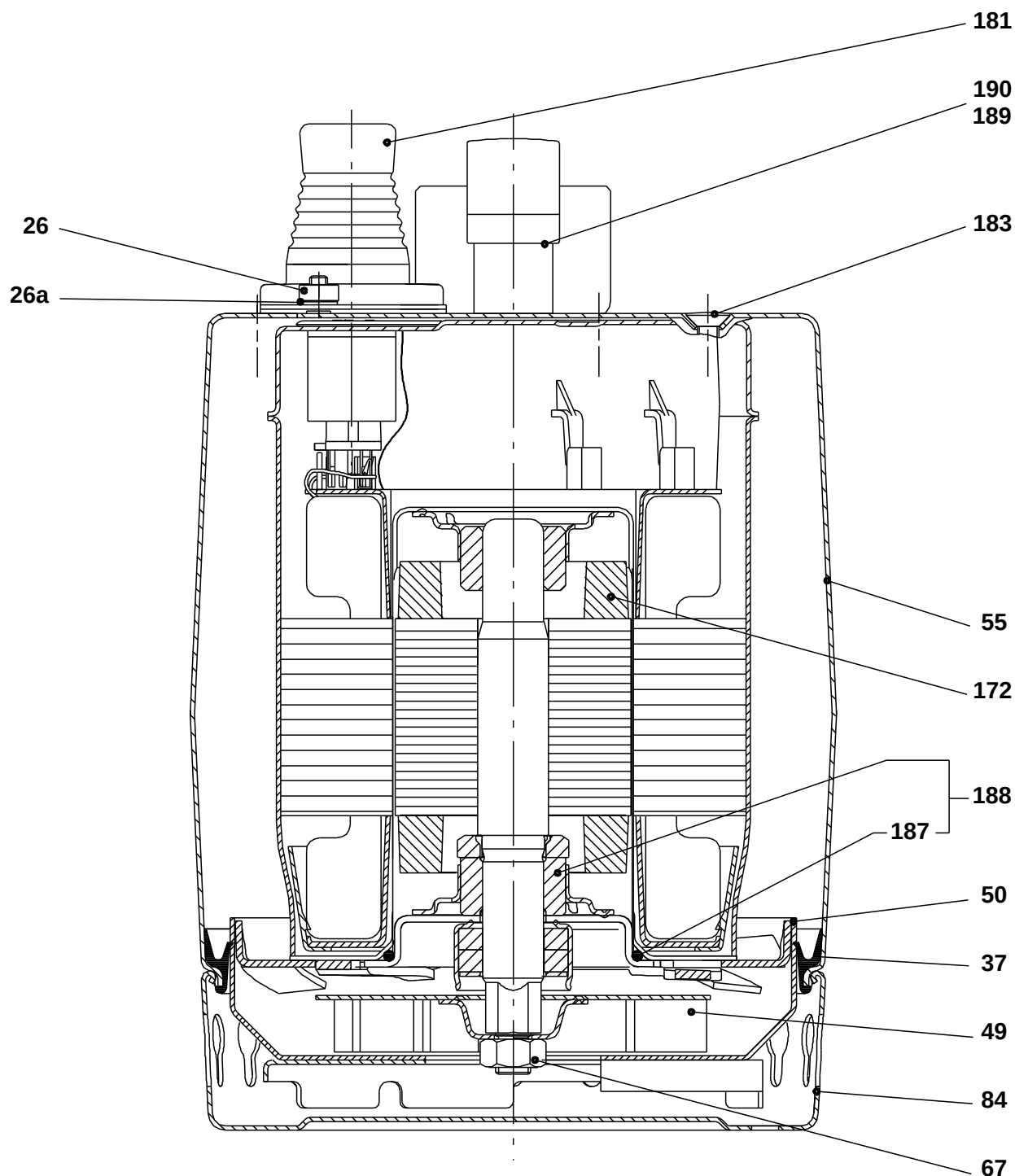
Product No.: 012DC001

Total: Price on request

Exploded view (tm001639 2499)

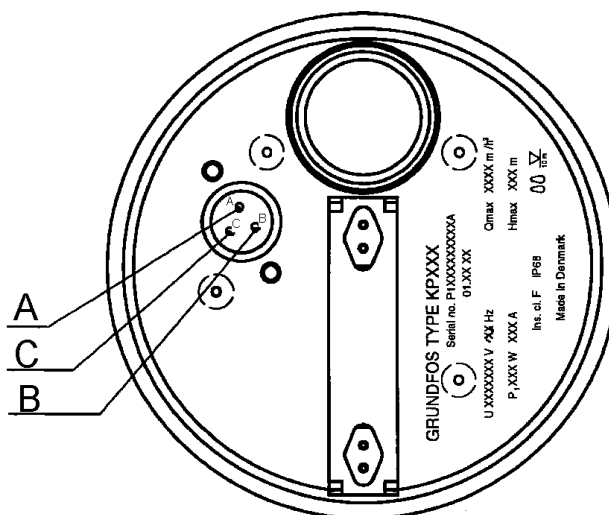
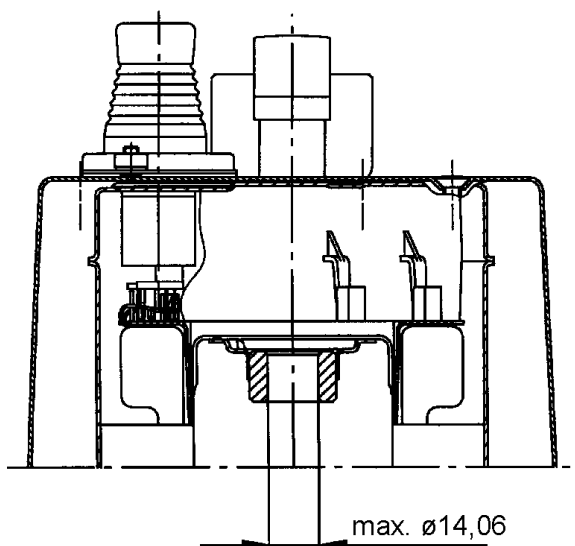


Sectional drawing (tm001747 2999)



TM001747

(tm013473 2999)



Main

- = Hovedvikling
- = Main winding
- = Hauptwicklung
- = Enroulement principal
- = Arrollamiento principal

Aux

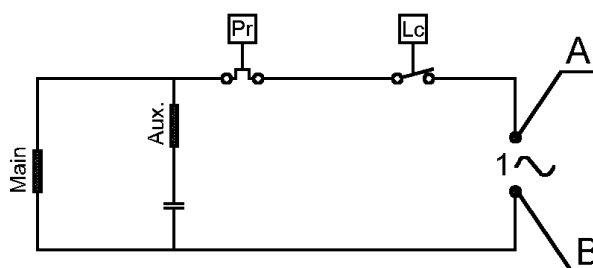
- = Hjælpevikling
- = Auxiliary winding
- = Hilfswicklung
- = Enroulement auxiliaire
- = Arrollamiento auxiliar

Lc

- = Niveaubydler
- = Level switch
- = Schwimmerschalter
- = Interrupteur à flotteur
- = Interruptor de nivel

Pr

- = Beskyttelsesanordning
- = Protector
- = Schutzeinrichtung
- = Dispositif de protection
- = Dispositivo de protección



TM013473

Parts list Unilift KP 250 M 1, Prod number 012DC001

Valid from 19.3.1993 (9312)

Position	Description	Annotation	Classification data	Part No.	Count	Unit
	Motor liquid				0	L
	Motor liquid				1	L
26	Nut		Thread: M4		2	pcs
26a	Washer		Designation: DIN 6798 A		2	pcs
			Inner diameter: 4,3			
			Outer diameter: 8			
			Thickness: 0,5			
37	Sealing part				1	pcs
+ 49	Impeller cpl.				1	pcs
50	Pump housing cpl.				1	pcs
67	Nut		Thread: M8		1	pcs
84	Strainer				1	pcs
+ 150	Stator w/housing cpl.		Thread: 5/4 NPT		1	pcs
			Winding resistance (ohm, 68°F): 2,4			
+ 172	Shaft w/rotor cpl.				1	pcs
+ 181	Cable cpl.				1	pcs
+ 188	Bearing cpl.				1	pcs
189	Lower handle				1	pcs
190	Upper handle				1	pcs