

## Tender Text



Product photo could vary from the actual product

Product No.: [81545135](#)

### 5S05-13

Multi-stage submersible pump for raw water supply, groundwater lowering and pressure boosting. The pump is suitable for pumping clean, thin, non-aggressive liquids without solid particles or fibers.

The pump is made entirely of Stainless steel DIN W.-Nr. DIN W.-Nr. 1.4301 and suitable for horizontal and vertical installation. The pump is fitted with a built-in non-return valve.

The motor is a 1-phase motor of the canned type with a sand shield, liquid-lubricated bearings and pressure-equalizing diaphragm.

#### Liquid:

Pumped liquid: Water  
Maximum liquid temperature: 104 °F  
Max liquid temperature at 0.15 m/sec: 104 °F  
Liquid temperature during operation: 68 °F  
Density: 62.29 lb/ft<sup>3</sup>

#### Technical:

Speed for pump data: 3450 rpm  
Rated flow: 4.4 US gpm  
Rated head: 246.1 ft  
Shaft seal for motor: LIPSEAL  
Approvals on nameplate: CE,EAC,CSACOMP,UR  
Curve tolerance: ISO9906:2012 3B

#### Materials:

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

#### Installation:

Pump outlet: 1"NPT  
Motor diameter: 4 inch



Company name:

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Phone:

Date:

2/22/2018

**Electrical data:**

Motor type: MS402  
Type of motor: CSIR  
Rated power - P2: 0.5 HP  
Power (P2) required by pump: 0.831 HP  
Main frequency: 60 Hz  
Rated voltage: 1 x 230 V  
Service factor: 1,6  
Rated current: 6 A  
Cos phi - power factor: 0,76  
Rated speed: 3450 rpm  
Start. method: direct-on-line  
Enclosure class (IEC 34-5): IP68  
Insulation class (IEC 85): B  
Built-in temperature transmitter: No

**Others:**

Net weight: 25.1 lb  
Gross weight: 28 lb

Position	Count	Description
	1	<p><b>5S05-13</b></p>  <p style="text-align: center;">Product photo could vary from the actual product</p> <p>Product No.: <a href="#">81545135</a>            Multi-stage submersible pump for raw water supply, groundwater lowering and pressure boosting. The pump is suitable for pumping clean, thin, non-aggressive liquids without solid particles or fibers.</p> <p>The pump is made entirely of Stainless steel DIN W.-Nr. DIN W.-Nr. 1.4301 and suitable for horizontal and vertical installation.            The pump is fitted with a built-in non-return valve.</p> <p>The motor is a 1-phase motor of the canned type with a sand shield, liquid-lubricated bearings and pressure-equalizing diaphragm.</p> <p><b>Liquid:</b>            Pumped liquid: Water            Maximum liquid temperature: 104 °F            Max liquid temperature at 0.15 m/sec: 104 °F            Liquid temperature during operation: 68 °F            Density: 62.29 lb/ft<sup>3</sup></p> <p><b>Technical:</b>            Speed for pump data: 3450 rpm            Rated flow: 4.4 US gpm            Rated head: 246.1 ft            Shaft seal for motor: LIPSEAL            Approvals on nameplate: CE,EAC,CSACOMP,UR            Curve tolerance: ISO9906:2012 3B</p> <p><b>Materials:</b>            Pump: Stainless steel                      DIN W.-Nr. 1.4301                      AISI 304            Impeller: Stainless steel                      DIN W.-Nr. 1.4301                      AISI 304            Motor: Stainless steel                      1.4301 EN                      AISI 304</p> <p><b>Installation:</b>            Pump outlet: 1"NPT            Motor diameter: 4 inch</p> <p><b>Electrical data:</b>            Motor type: MS402</p>



Company name:

Created by:

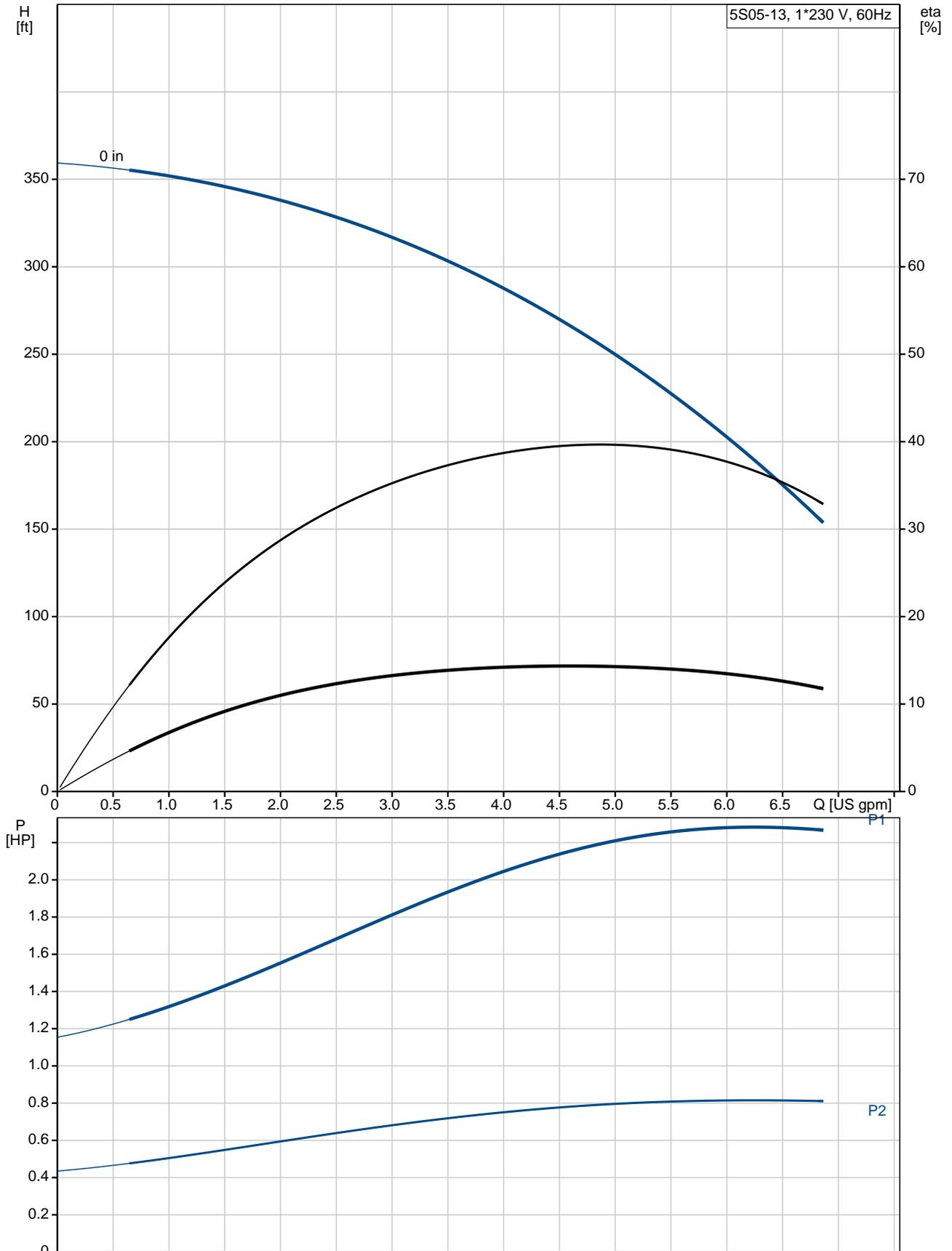
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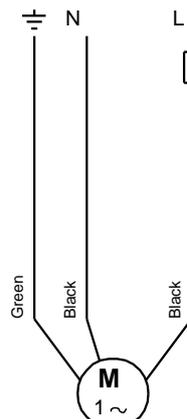
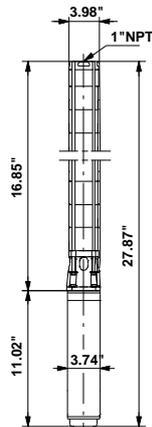
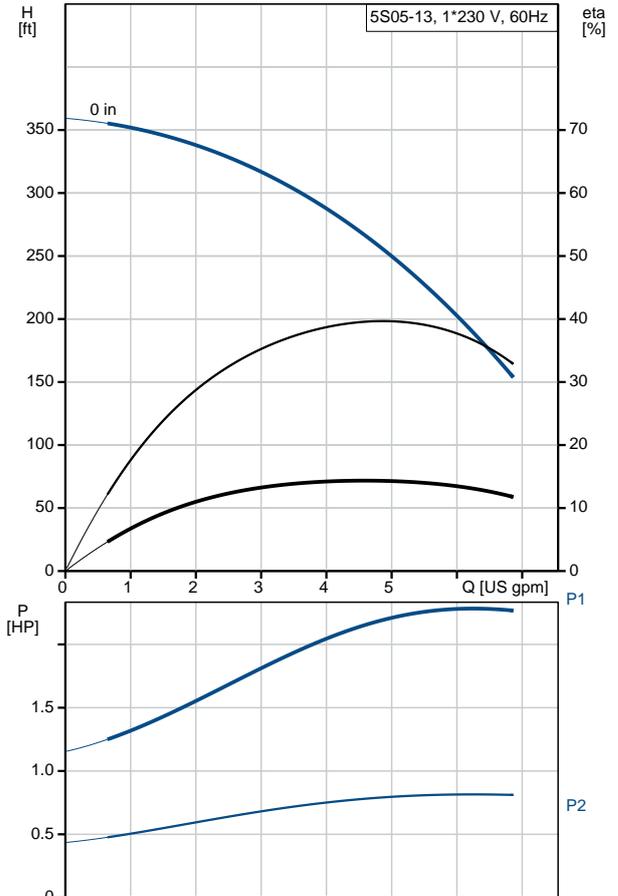
2/22/2018

Position	Count	Description
		Type of motor: CSIR
		Rated power - P2: 0.5 HP
		Power (P2) required by pump: 0.831 HP
		Main frequency: 60 Hz
		Rated voltage: 1 x 230 V
		Service factor: 1,6
		Rated current: 6 A
		Cos phi - power factor: 0,76
		Rated speed: 3450 rpm
		Start. method: direct-on-line
		Enclosure class (IEC 34-5): IP68
		Insulation class (IEC 85): B
		Built-in temperature transmitter: No
		<b>Others:</b>
		Net weight: 25.1 lb
		Gross weight: 28 lb

## 81545135 5S05-13 60 Hz



Description	Value
<b>General information:</b>	
Product name:	5S05-13
Product No.:	81545135
EAN:	5700394509718
<b>Technical:</b>	
Speed for pump data:	3450 rpm
Rated flow:	4.4 US gpm
Rated head:	246.1 ft
Stages:	13
Shaft seal for motor:	LIPSEAL
Approvals on nameplate:	CE,EAC,CSACOMP,UR
Curve tolerance:	ISO9906:2012 3B
Pump Number:	8010013
Model:	A
Valve:	pump with built-in non-return valve
<b>Materials:</b>	
Pump:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
Motor:	Stainless steel 1.4301 EN AISI 304
<b>Installation:</b>	
Pump outlet:	1"NPT
Motor diameter:	4 inch
<b>Liquid:</b>	
Pumped liquid:	Water
Maximum liquid temperature:	104 °F
Max liquid temperature at 0.15 m/sec:	104 °F
Liquid temperature during operation:	68 °F
Density:	62.29 lb/ft <sup>3</sup>
<b>Electrical data:</b>	
Motor type:	MS402
Type of motor:	CSIR
Applic. motor:	NEMA
Rated power - P2:	0.5 HP
Power (P2) required by pump:	0.831 HP
KVA code:	L
Main frequency:	60 Hz
Rated voltage:	1 x 230 V
Service factor:	1,6
Rated current:	6 A
Cos phi - power factor:	0,76
Rated speed:	3450 rpm
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	B
Motor protection:	CONTACT
Thermal protec:	internal
Built-in temperature transmitter:	No





Company name:

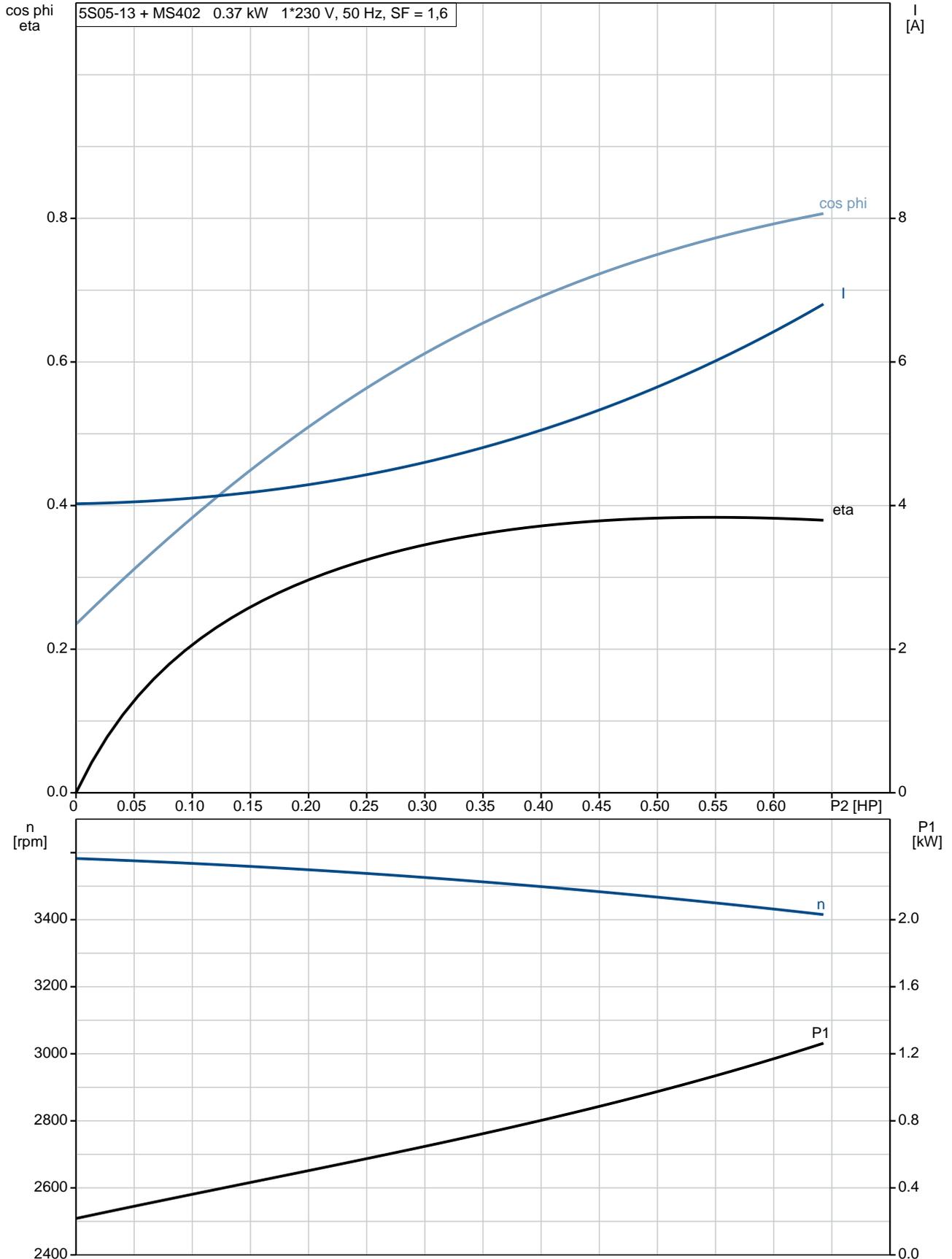
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Phone:

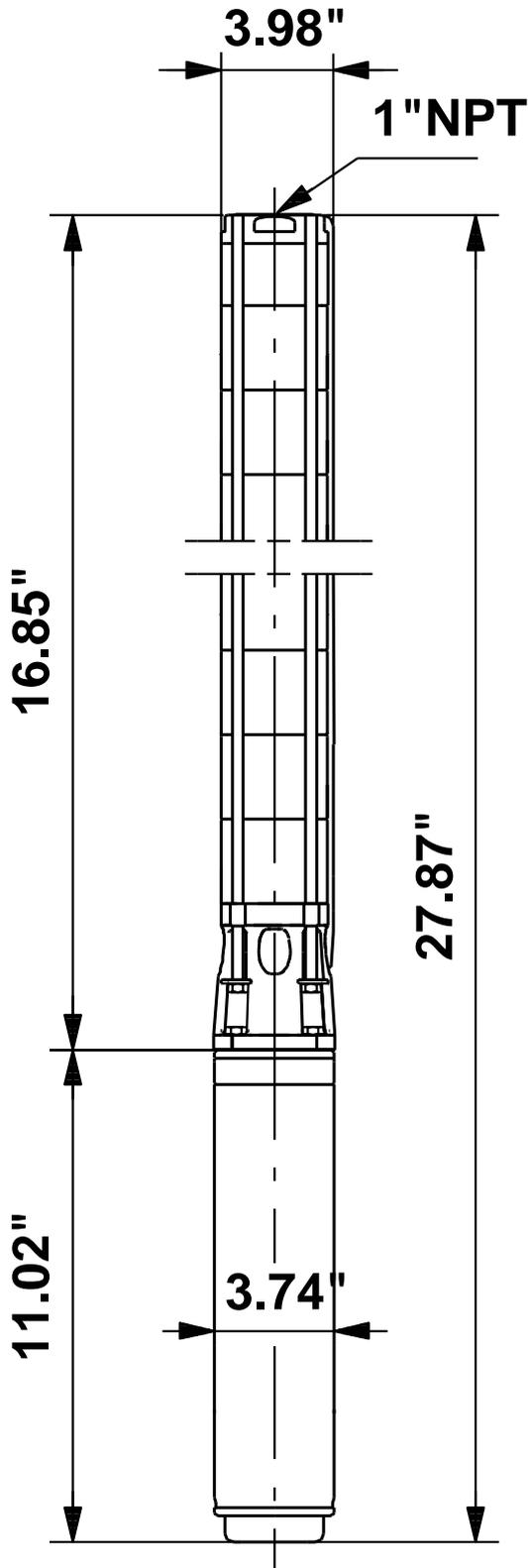
Date: 2/22/2018

Description	Value
Motor Number:	79453102
<b>Others:</b>	
Net weight:	25.1 lb
Gross weight:	28 lb
Sales region:	Namreg

## 81545135 5S05-13 60 Hz

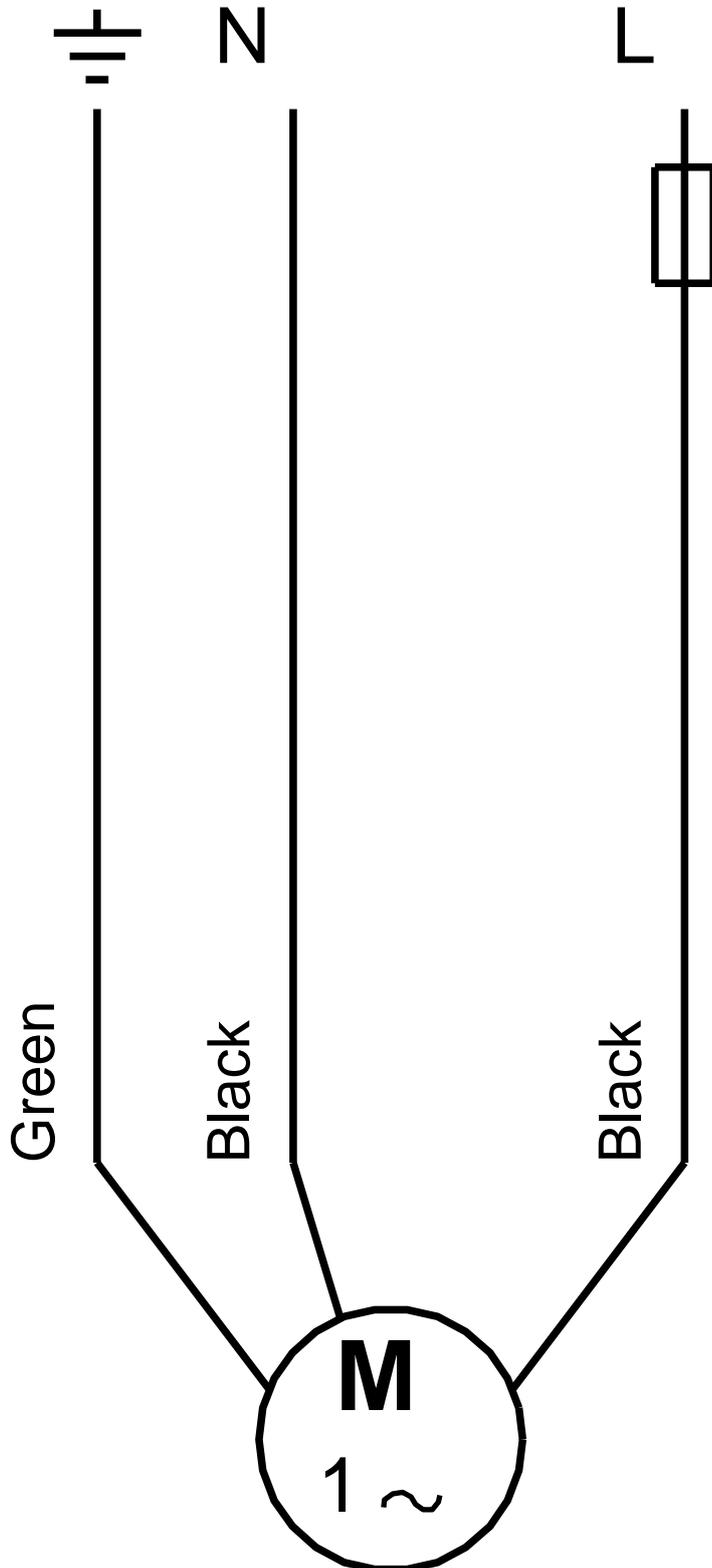


**81545135 5S05-13 60 Hz**



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

81545135 5S05-13 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: 5S05-13

Amount: 1

Product No.: 81545135

Total: Price on request

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