

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

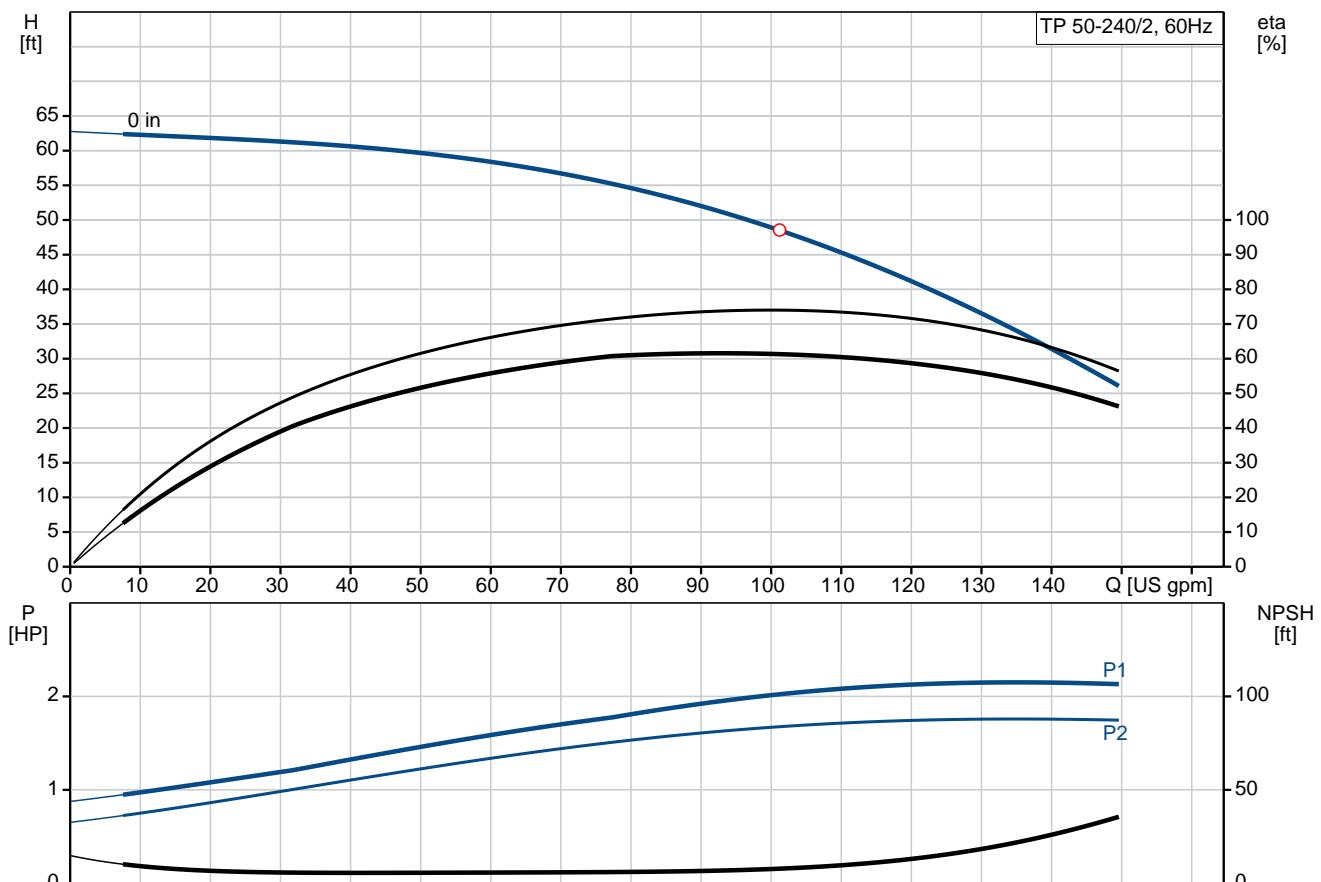


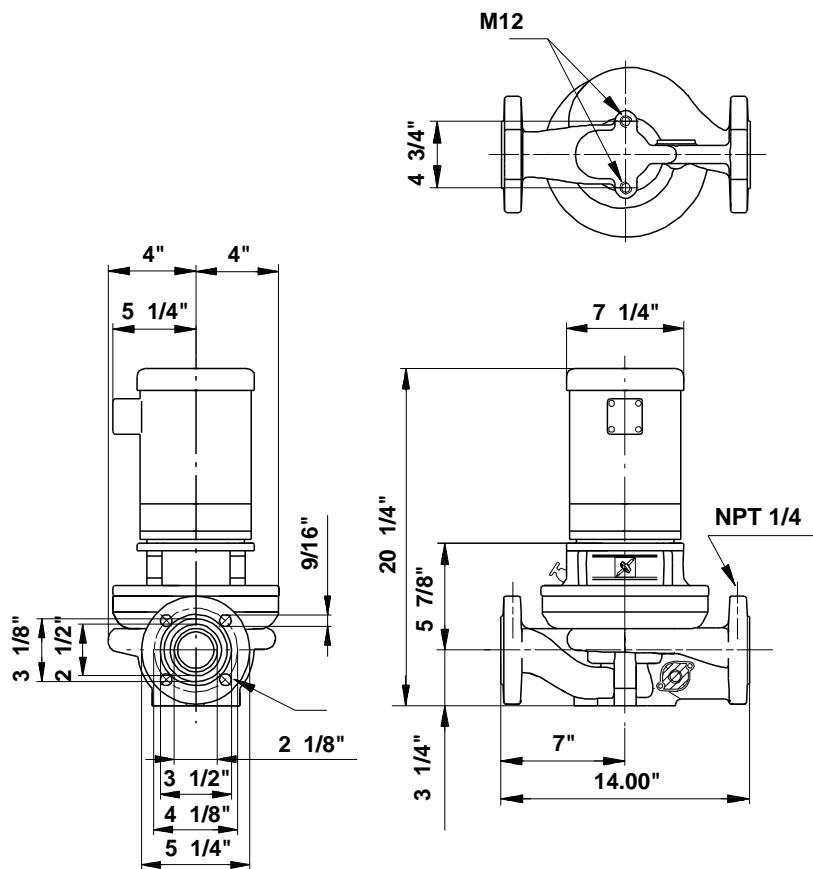
Product photo could vary from the actual product

TP 50-240/2

Single-stage in-line pumps

Conditions of Service	Pump Data	Motor Data
Flow: _____ Head: _____ Efficiency: _____ Liquid: Water Temperature: 68 °F NPSH required: ft Viscosity: _____ Specific Gravity: 1.000	Maximum operating pressure: 145 psi Liquid temperature range: 5 .. 284 °F Maximum ambient temperature: 104 °F Approvals motor: UL Recognized Component, CSA Shaft seal: BUBE Flange standard: USA Pipe connection: 2" Product number: 96411819	Rated power - P2: 2 HP Rated voltage: 208-230/460 V Main frequency: 60 Hz Number of poles: 2 Insulation class: B Motor protection: NONE Motor type: Baldor, TEFC Motor_efficiency: 78.5 %





Materials:

Pump housing: Cast iron
EN-JL1040
ASTM 25 B

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

Material code: A



Company name:

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Phone:

Date:

2/20/2018

Tender Text



Product No.: [96411819](#)

TP 50-240/2 A-G-A-BUBE

Single-stage centrifugal volute in-line single-head pump:

- neck rings and impeller made of stainless steel
- cataphoresis treatment
- shell coupling
- top-pull-out principle for easy maintenance
- optimized hydraulics
- in-line design with opposite suction and discharge ports enabling mounting in pipework or on a concrete foundation
- corrosion resistant maintenance-free mechanical shaft seal.

The motor is a 3-phase AC motor.

Liquid:

Pumped liquid: Water
Liquid temperature range: 5 .. 284 °F
Liquid temperature during operation: 68 °F
Density: 62.29 lb/ft³

Technical:

Speed for pump data: 3490 rpm
Rated flow: 101 US gpm
Rated head: 48.56 ft
Primary shaft seal: BUBE
Approvals on motor nameplate: UL Recognized Component, CSA
Curve tolerance: ISO9906:2012 3B

Materials:

Pump housing: Cast iron
EN-JL1040
ASTM 25 B
Impeller: Stainless steel
DIN W.-Nr. 1.4301
AISI 304

Installation:

Maximum ambient temperature: 104 °F
Maximum operating pressure: 145 psi
Flange standard: USA
Pipe connection: 2"

Electrical data:

Motor type: Baldor, TEFC
Rated power - P2: 2 HP
Main frequency: 60 Hz
Rated voltage: 3 x 208-230/460 V



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Service factor: 1,15
Rated current: 5,7-5,4/2,7 A
Starting current: 38,7-35/17,5 A
Cos phi - power factor: 93
Rated speed: 3450 rpm
Motor efficiency at full load: 78.5 %
Motor efficiency at 3/4 load: 85.0 %
Motor efficiency at 1/2 load: 83.0 %
Number of poles: 2
Insulation class (IEC 85): B

Others:

Net weight: 79.4 lb
Gross weight: 78 lb
Shipping volume: 2.33 ft³

Position	Count	Description
1	TP 50-240/2 A-G-A-BUBE	<p></p> <p>Product No.: 96411819</p> <p>Single-stage centrifugal volute in-line single-head pump:</p> <ul style="list-style-type: none"> - neck rings and impeller made of stainless steel - cataphoresis treatment - shell coupling - top-pull-out principle for easy maintenance - optimized hydraulics - in-line design with opposite suction and discharge ports enabling mounting in pipework or on a concrete foundation - corrosion resistant maintenance-free mechanical shaft seal. <p>The motor is a 3-phase AC motor.</p> <p>Liquid:</p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: 5 .. 284 °F</p> <p>Liquid temperature during operation: 68 °F</p> <p>Density: 62.29 lb/ft³</p> <p>Technical:</p> <p>Speed for pump data: 3490 rpm</p> <p>Rated flow: 101 US gpm</p> <p>Rated head: 48.56 ft</p> <p>Primary shaft seal: BUBE</p> <p>Approvals on motor nameplate: UL Recognized Component, CSA</p> <p>Curve tolerance: ISO9906:2012 3B</p> <p>Materials:</p> <p>Pump housing: Cast iron EN-JL1040 ASTM 25 B</p> <p>Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304</p> <p>Installation:</p> <p>Maximum ambient temperature: 104 °F</p> <p>Maximum operating pressure: 145 psi</p> <p>Flange standard: USA</p> <p>Pipe connection: 2"</p> <p>Electrical data:</p> <p>Motor type: Baldor, TEFC</p> <p>Rated power - P2: 2 HP</p> <p>Main frequency: 60 Hz</p> <p>Rated voltage: 3 x 208-230/460 V</p> <p>Service factor: 1,15</p>



Company name:

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Position	Count	Description
		<p>Rated current: 5,7-5,4/2,7 A Starting current: 38,7-35/17,5 A Cos phi - power factor: 93 Rated speed: 3450 rpm Motor efficiency at full load: 78.5 % Motor efficiency at 3/4 load: 85.0 % Motor efficiency at 1/2 load: 83.0 % Number of poles: 2 Insulation class (IEC 85): B</p> <p>Others:</p> <p>Net weight: 79.4 lb Gross weight: 78 lb Shipping volume: 2.33 ft³</p>



Company name:

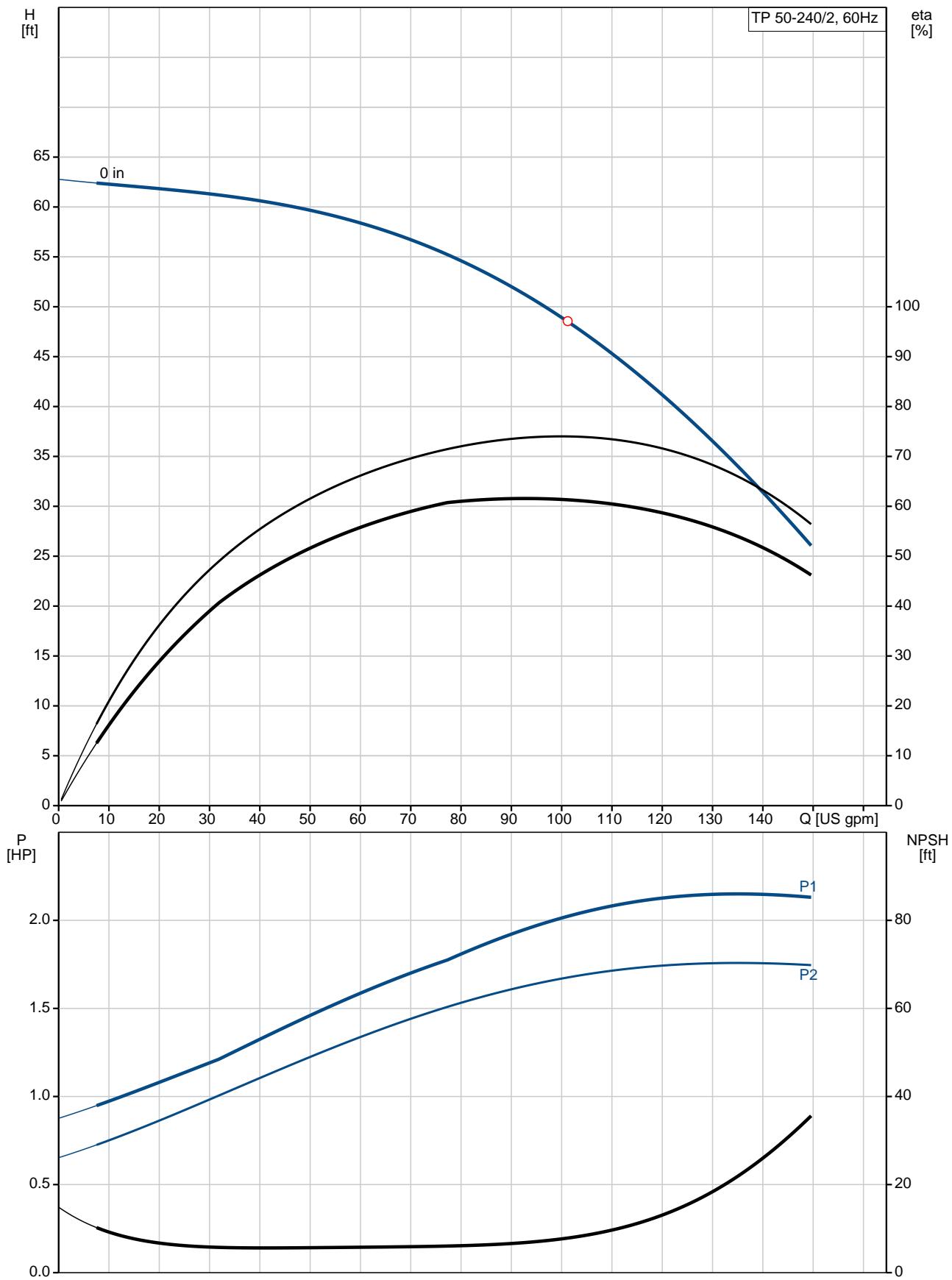
Created by:

Phone:

Date:

2/20/2018

96411819 TP 50-240/2 60 Hz





Company name:

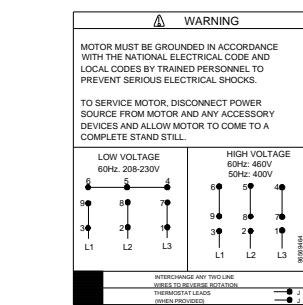
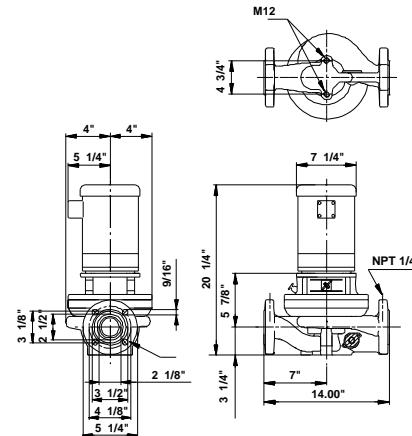
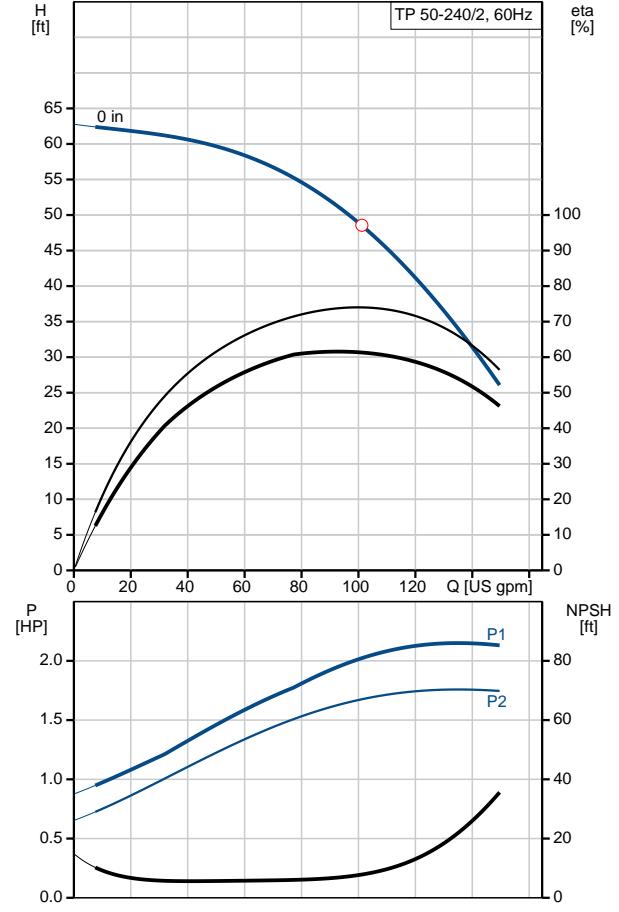
Created by:

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Date:

2/20/2018

Description	Value
General information:	
Product name:	TP 50-240/2 A-G-A-BUBE
Product No.:	96411819
EAN:	5700390524999
Technical:	
Speed for pump data:	3490 rpm
Rated flow:	101 US gpm
Rated head:	48.56 ft
Head max:	78.74 ft
Primary shaft seal:	BUBE
Approvals on motor nameplate:	UL Recognized Component, CSA
Curve tolerance:	ISO9906:2012 3B
Pump Number:	96405267
Pump version:	A
Materials:	
Pump housing:	Cast iron EN-JL1040 ASTM 25 B
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
Material code:	A
Installation:	
Maximum ambient temperature:	104 °F
Maximum operating pressure:	145 psi
Flange standard:	USA
Connect code:	G
Pipe connection:	2"
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	5 .. 284 °F
Liquid temperature during operation:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor type:	Baldor, TEFC
Rated power - P2:	2 HP
KVA code:	H
Main frequency:	60 Hz
Rated voltage:	3 x 208-230/460 V
Service factor:	1,15
Rated current:	5,7-5,4/2,7 A
Starting current:	38,7-35/17,5 A
Load current:	6,5-6,2/3,1 A
Cos phi - power factor:	93
Rated speed:	3450 rpm
Motor efficiency at full load:	78.5 %
Motor efficiency at 3/4 load:	85.0 %
Motor efficiency at 1/2 load:	83.0 %
Number of poles:	2
Insulation class (IEC 85):	B
Motor protection:	NONE
Motor Number:	85900705





Company name:

Created by:

Phone:

Date: 2/20/2018

Description	Value
Others:	
Net weight:	79.4 lb
Gross weight:	78 lb
Shipping volume:	2.33 ft ³
Country code:	Namreg



Company name:

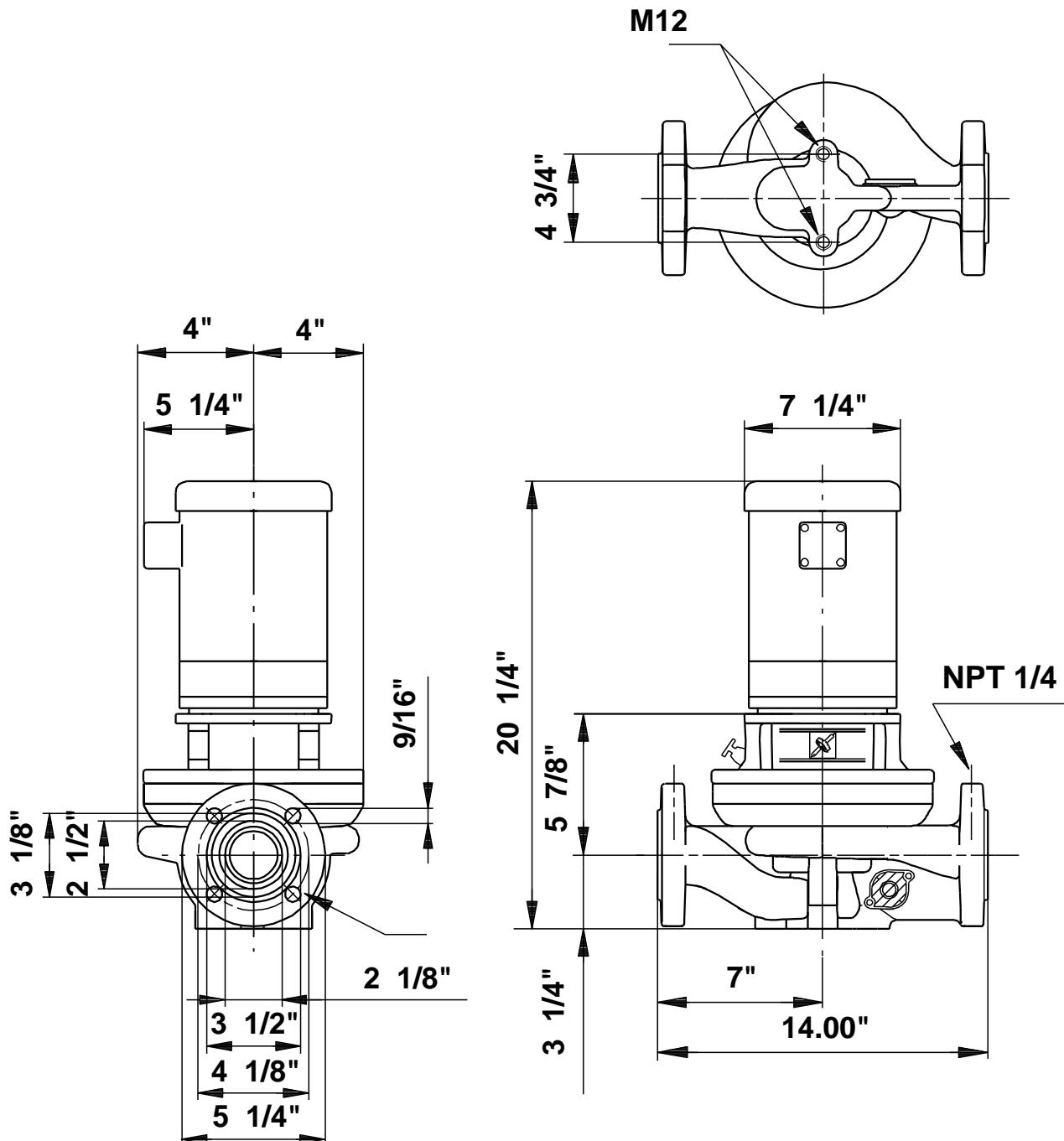
Created by:

Phone:

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2/20/2018

96411819 TP 50-240/2 60 Hz



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



Company name:

Created by:

Phone:

Date:

2/20/2018

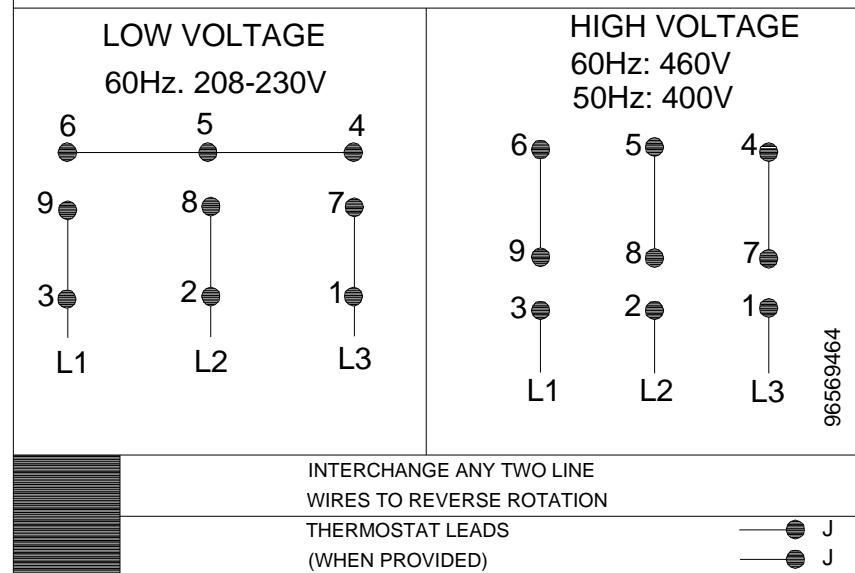
96411819 TP 50-240/2 60 Hz



WARNING

MOTOR MUST BE GROUNDED IN ACCORDANCE
WITH THE NATIONAL ELECTRICAL CODE AND
LOCAL CODES BY TRAINED PERSONNEL TO
PREVENT SERIOUS ELECTRICAL SHOCKS.

TO SERVICE MOTOR, DISCONNECT POWER
SOURCE FROM MOTOR AND ANY ACCESSORY
DEVICES AND ALLOW MOTOR TO COME TO A
COMPLETE STAND STILL.



All units are [mm] unless otherwise presented.



Company name:

Created by:

Phone:

Date:

2/20/2018

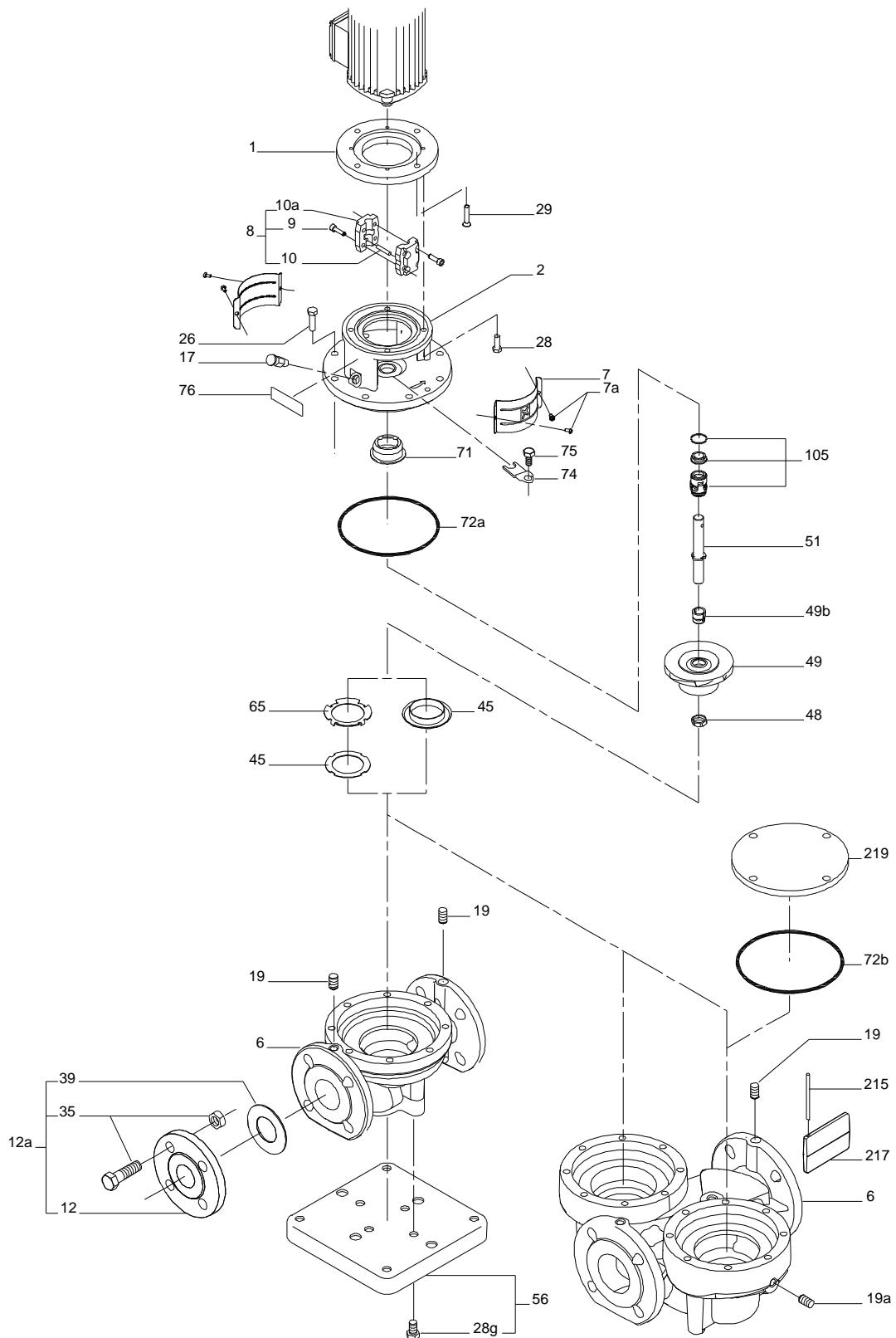
Order Data:

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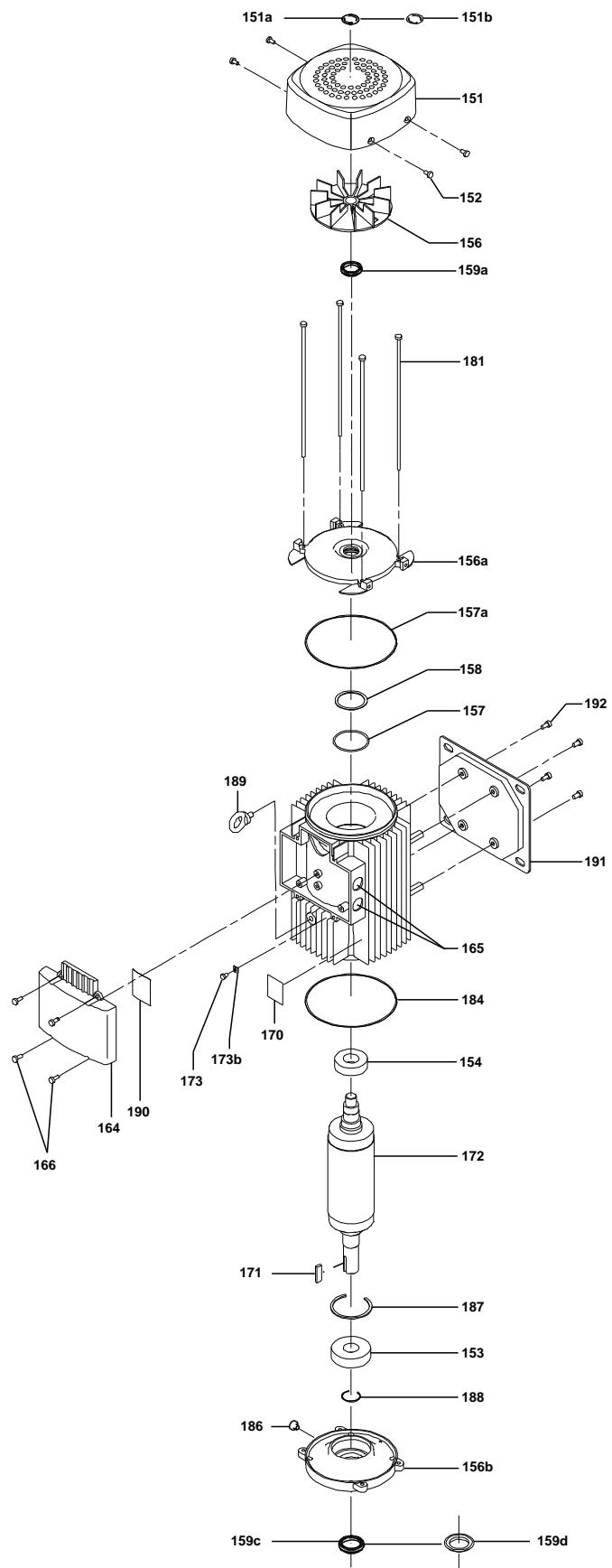
Amount: 1

Product No.: 96411819

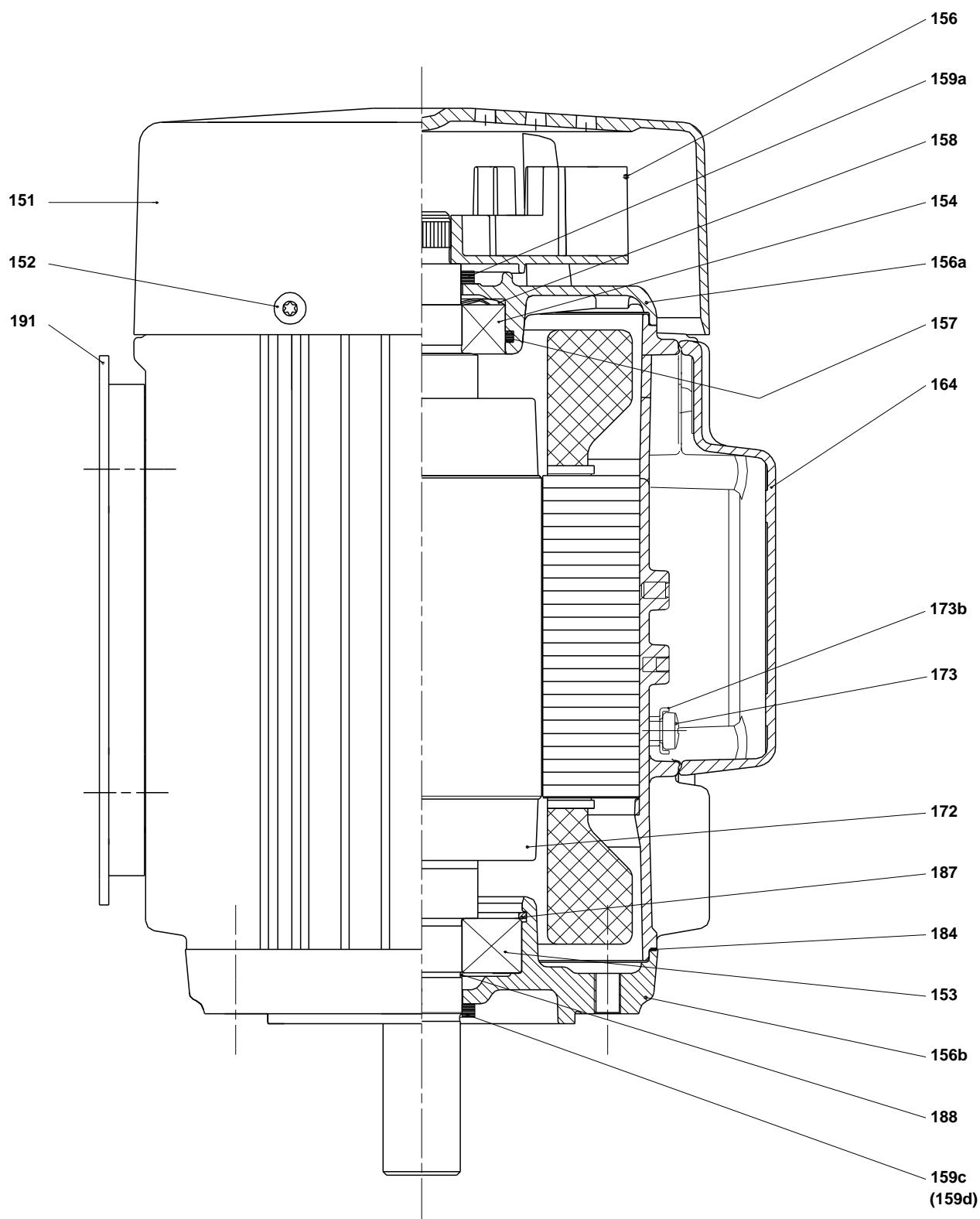
Total: Price on request

Exploded view (tm009281 2201)

TM009281

Exploded view (tm030553)

TM030553)

Sectional drawing (TM031465)

TM031465)



Company name:

Created by:

Phone:

Date:

2/20/2018

Parts list TP 50-240/2, Prod number 96411819

Valid from 8.11.2013 (1345)

Position	Description	Annotation	Classification data	Part No.	Count	Unit
-	Pump w/o motor				1	pcs
2	Motor stool				1	
6	Pump housing				1	
6	Pump housing				1	
7	Coupling guard				2	
7a	Pan head screw				4	
9	Hex socket head cap screw	Designation: DIN 912			4	
		Length: 20				
		Thread: M6				
10	Shaft pin	Diameter: 5			1	
		Length: 26				
10a	Coupling half				2	
17	Air vent screw				1	
19	Pipe plug				2	
26	Hex head screw	Length: 28			8	
		Thread: M10				
45	Teflon ring				1	
49	Impeller cpl.				1	
49b	Split cone				1	
49b	Split cone nut				1	
65	Neck ring				1	
72a	O-ring	Diameter: 154			1	
		Material type: EPDM				
		Thickness: 4				
76	Nameplate				1	
105	Shaft seal	Material type: EPDM			1	
+	Motor				1	pcs