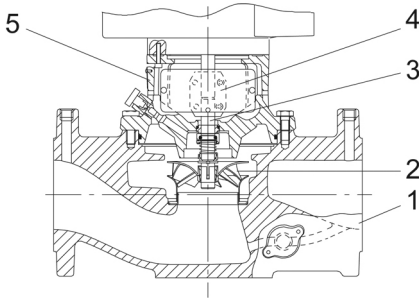


Qty.	Description
1	TP 40-230/2 A-F-A-BUBE  Note! Product picture may differ from actual product Product No.: 96463788 Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter. The pump is of the top-pull-out design, i.e. the power head (motor, pump head and impeller) can be removed for maintenance or service while the pump housing remains in the pipework. The pump is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 12756. Pipework connection is via PN 16 DIN flanges (EN 1092-2 and ISO 7005-2). The pump is fitted with a fan-cooled asynchronous motor. Pump  1: Pump housing 2: Impeller 3: Shaft 4: Coupling 5: Pump head The pump housing is provided with a replaceable stainless steel/PTFE neck ring to reduce the amount of liquid running from the discharge side of the impeller to the suction side. The impeller is secured with a split cone with nut. The pump is fitted with an unbalanced rubber bellows seal with torque transmission across the spring and around the bellows. Due to the bellows, the seal does not wear the shaft, and the axial movement is not prevented by deposits on the shaft. Seal faces: - Rotating seal ring material: tungsten carbide (WC) - Stationary seat material: carbon graphite, resin-impregnated Due to the favourable lubricating properties of carbon graphite, the seal is suitable for use even under poor lubricating conditions, such as hot water. However, under such conditions, wear on the carbon graphite face can be expected, and seal life will be reduced . The material pairing is not recommended for liquids containing particles as this will result in wear on the tungsten carbide face. Secondary seal material: EPDM (ethylene-propylene rubber) EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils. A circulation of liquid through the duct of the air vent screw ensures lubrication and cooling of the shaft seal.

Qty.	Description
1	The flanges have tappings for mounting of pressure gauges. The motor stool forms connection between the pump housing and the motor, and is equipped with a manual air vent screw for venting of the pump housing and the shaft seal chamber. The sealing between motor stool and pump housing is an O-ring. The central part of the motor stool is provided with guards for protection against the shaft and coupling. Motor and pump shaft are connected via a shell coupling. Motor The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034. The motor is flange-mounted with tapped-hole flange (FT). Motor-mounting designation in accordance with IEC 60034-7: IM B 14, IM V 18 (Code I) / IM 3601, IM 3611 (Code II). The motor efficiency is classified as IE3 in accordance with IEC 60034-30-1. The motor does not incorporate motor protection and must be connected to a motor-protective circuit breaker which can be manually reset. The motor-protective circuit breaker must be set according to the rated current of the motor (I₁/1). Further product details Technical data Liquid: Pumped liquid: Water Liquid temperature range: 0 .. 140 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2835 rpm Rated flow: 12 m³/h Rated head: 16.98 m Actual impeller diameter: 138 mm Primary shaft seal: BUBE Code for shaft seal: BUBE Curve tolerance: ISO9906:2012 3B Materials: Type key, code for materials: A Pump housing: Cast iron EN-JL1040 ASTM A48-40B Impeller: Stainless steel EN 1.4301 AISI 304 Installation: Maximum ambient temperature: 60 °C Maximum operating pressure: 16 bar Type of connection: DIN



Company name:

Created by:

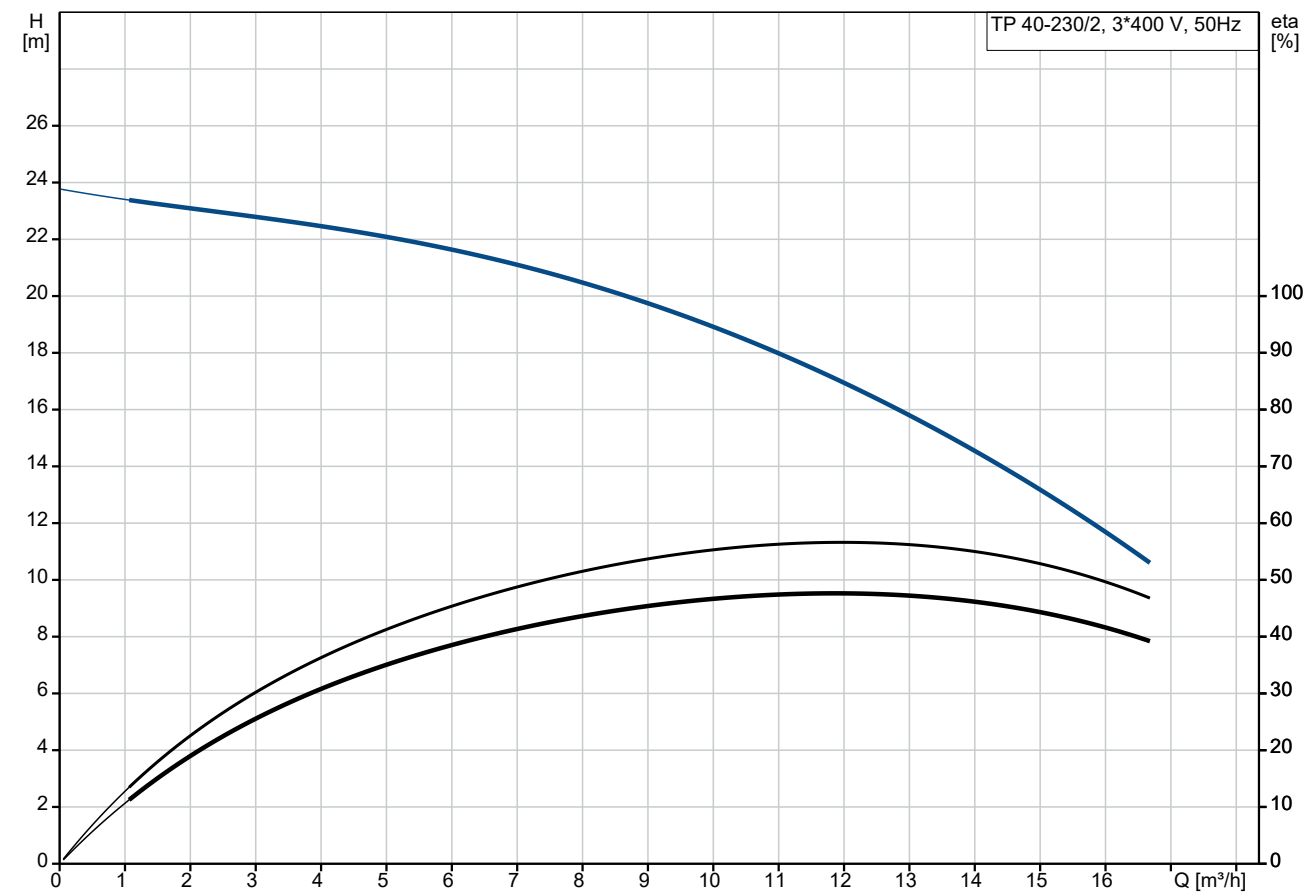
Phone:

Date:

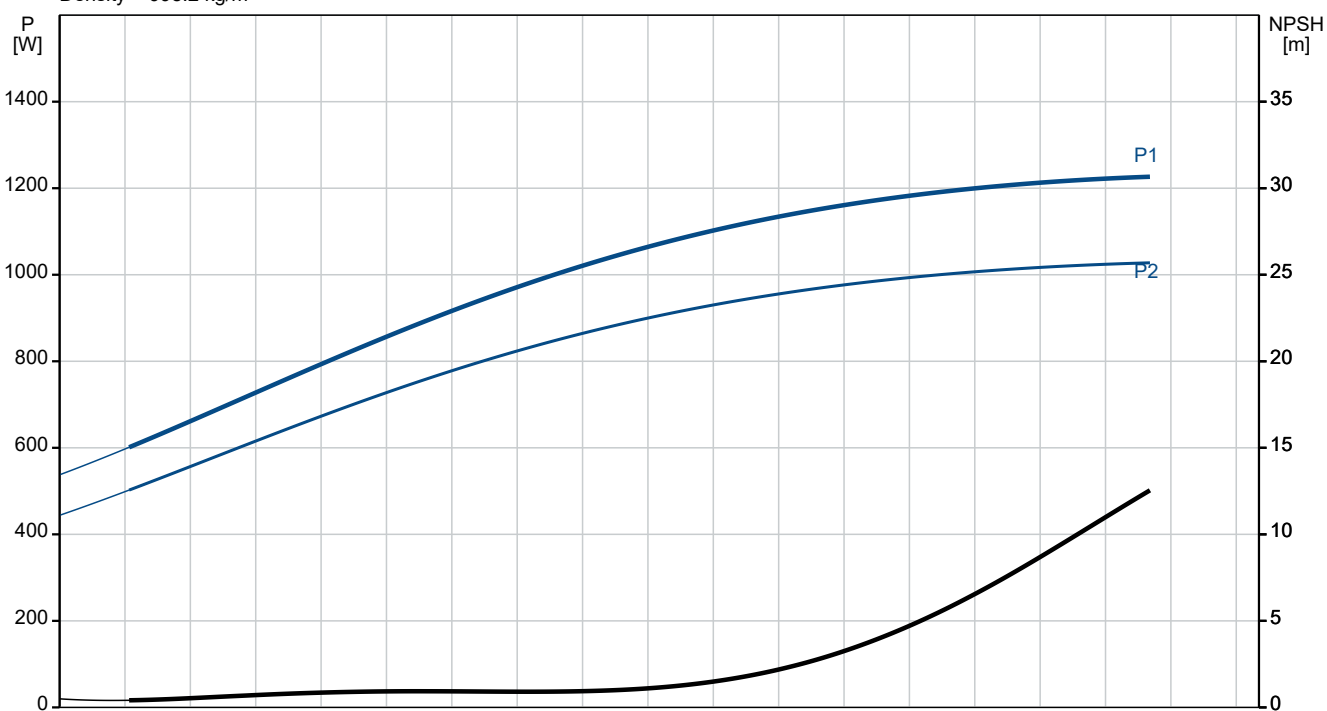
13/02/2026

Qty.	Description
1	Size of connection: DN 40 Pressure rating for connection: PN 16 Port-to-port length: 320 mm Electrical data: Motor type: 80C Rated power - P2: 1.1 kW Mains frequency: 50 Hz Rated voltage: 3 x 220-240D/380-415Y V Rated current: 4.35/2.50 A Starting current: 450-500 % Cos phi - power factor: 0.83-0.76 Rated speed: 2840-2870 rpm IE efficiency: IE3 82,7% IE Efficiency class: IE3 Motor efficiency at full load: 82.7 % Motor efficiency at 3/4 load: 84.6-84.0 % Motor efficiency at 1/2 load: 85.4-82.8 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U05105 Others: Minimum efficiency index, MEI ≥: 0.61 Net weight: 29.5 kg Gross weight: 36.5 kg Shipping volume: 0.06 m³

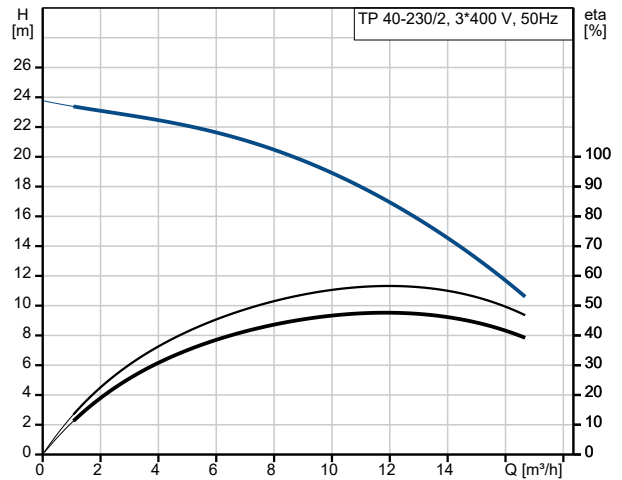
96463788 TP 40-230/2 A-F-A-BUBE 50 Hz



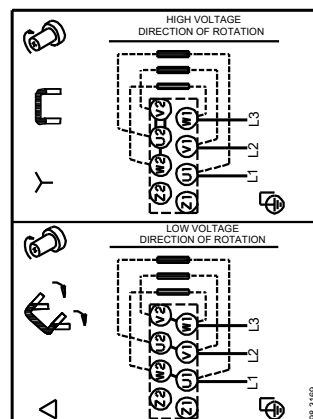
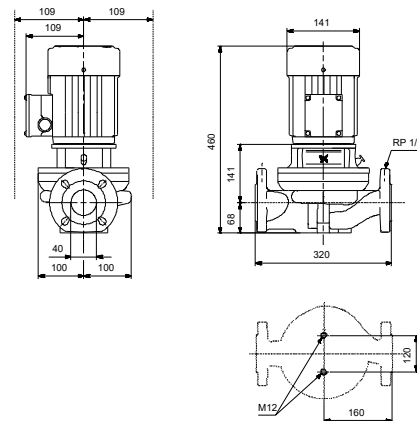
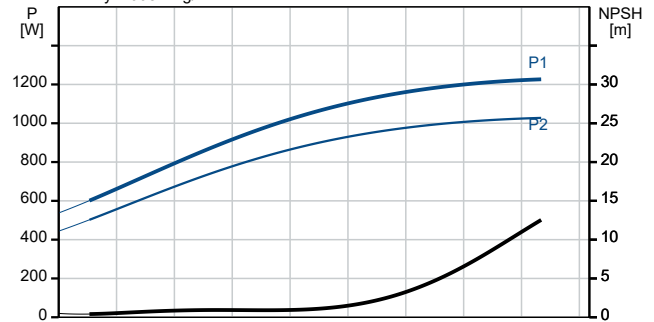
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	TP 40-230/2 A-F-A-BUBE
Product No:	96463788
EAN number:	5700394782913
Technical:	
Pump speed on which pump data are based:	2835 rpm
Rated flow:	12 m³/h
Rated head:	16.98 m
Maximum head:	230 dm
Actual impeller diameter:	138 mm
Primary shaft seal:	BUBE
Code for shaft seal:	BUBE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Materials:	
Type key, code for materials:	A
Pump housing:	Cast iron EN-JL1040 ASTM A48-40B
Impeller:	Stainless steel EN 1.4301 AISI 304
Material code:	A
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	16 bar
Type key, code for pipework connection:	F
Type of connection:	DIN
Size of connection:	DN 40
Pressure rating for connection:	PN 16
Port-to-port length:	320 mm
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 140 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	80C
Rated power - P2:	1.1 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240D/380-415Y V
Rated current:	4.35/2.50 A
Starting current:	450-500 %
Cos phi - power factor:	0.83-0.76
Rated speed:	2840-2870 rpm
IE efficiency:	IE3 82,7%
IE Efficiency class:	IE3
Motor efficiency at full load:	82.7 %
Motor efficiency at 3/4 load:	84.6-84.0 %
Motor efficiency at 1/2 load:	85.4-82.8 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F



Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³





Company name:

Created by:

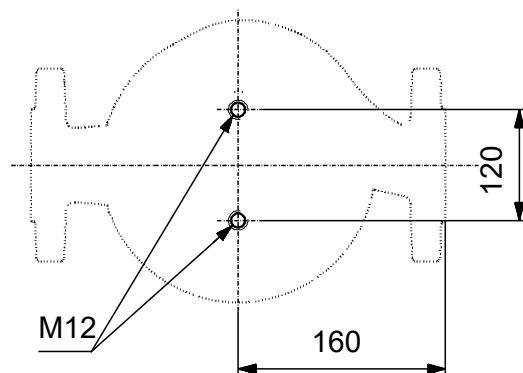
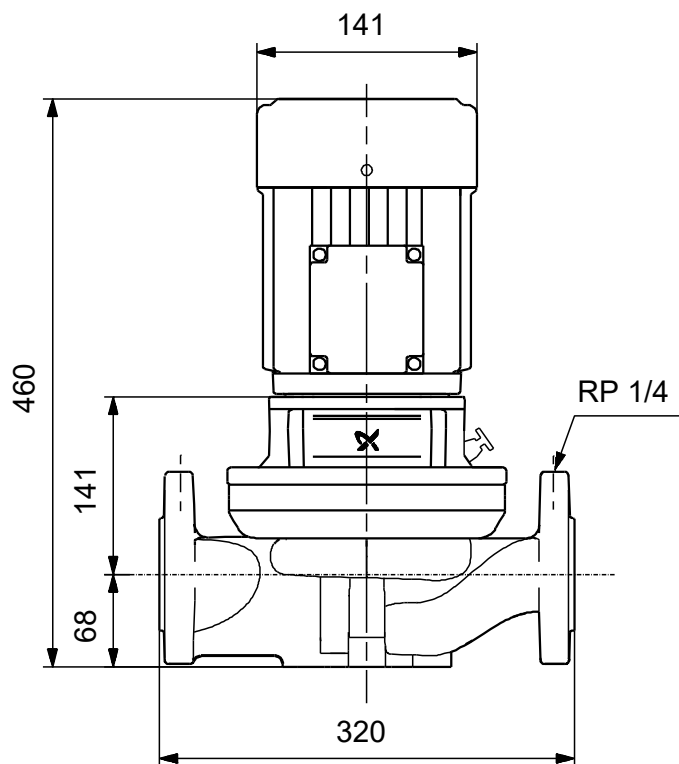
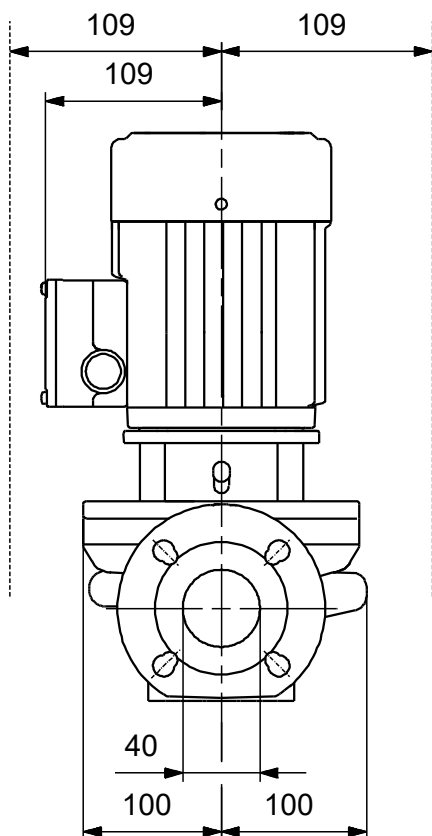
Phone:

Date:

13/02/2026

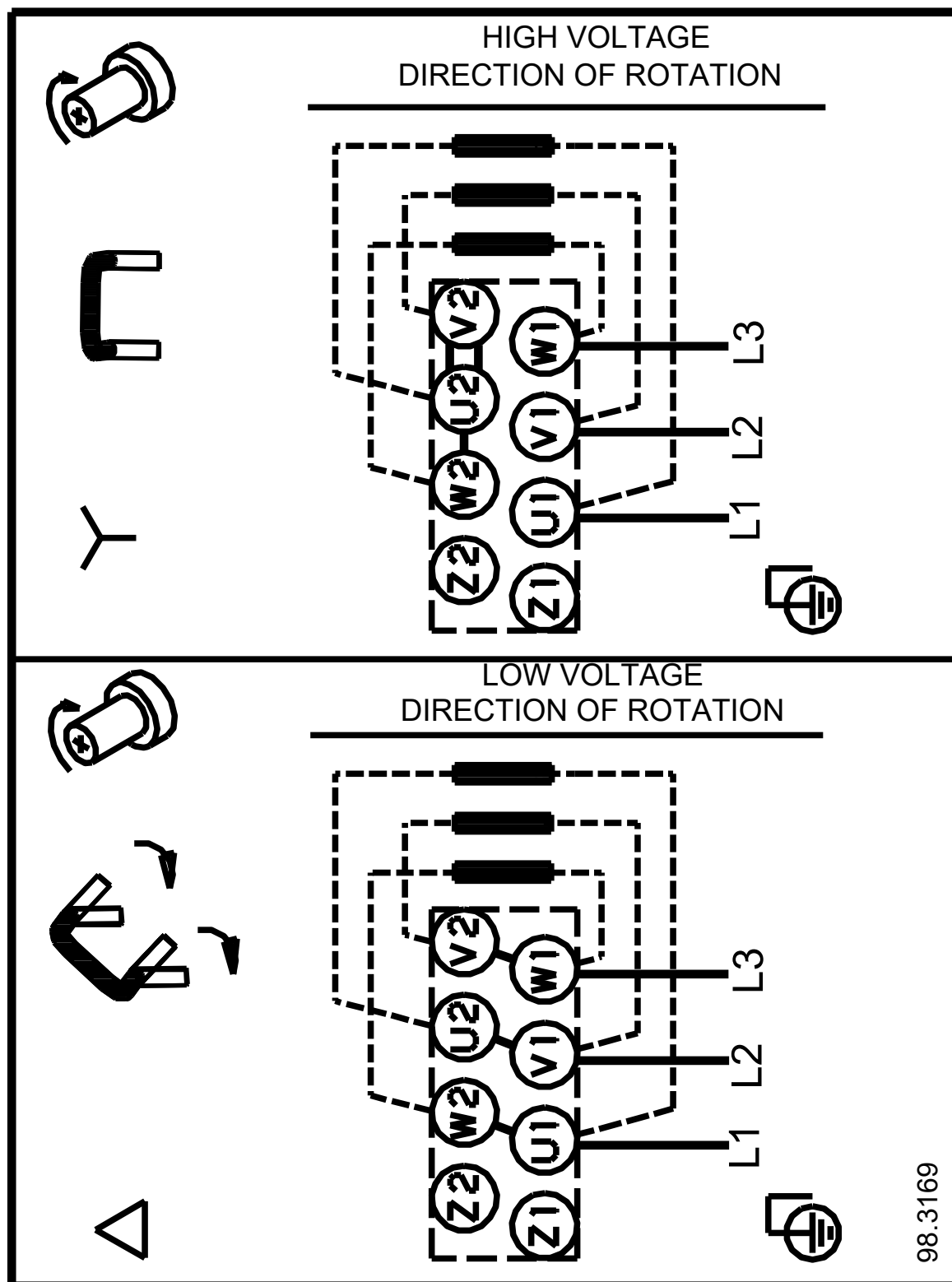
Description	Value
Built-in motor protection:	NONE
Motor No:	85U05105
Others:	
Minimum efficiency index, MEI ≥:	0.61
Net weight:	29.5 kg
Gross weight:	36.5 kg
Shipping volume:	0.06 m ³

96463788 TP 40-230/2 A-F-A-BUBE 50 Hz



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

96463788 TP 40-230/2 A-F-A-BUBE 50 Hz



98.3169

Note! All units are in [mm] unless others are stated.