
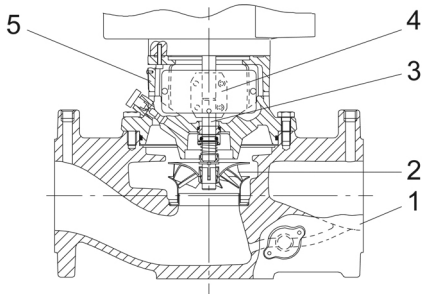
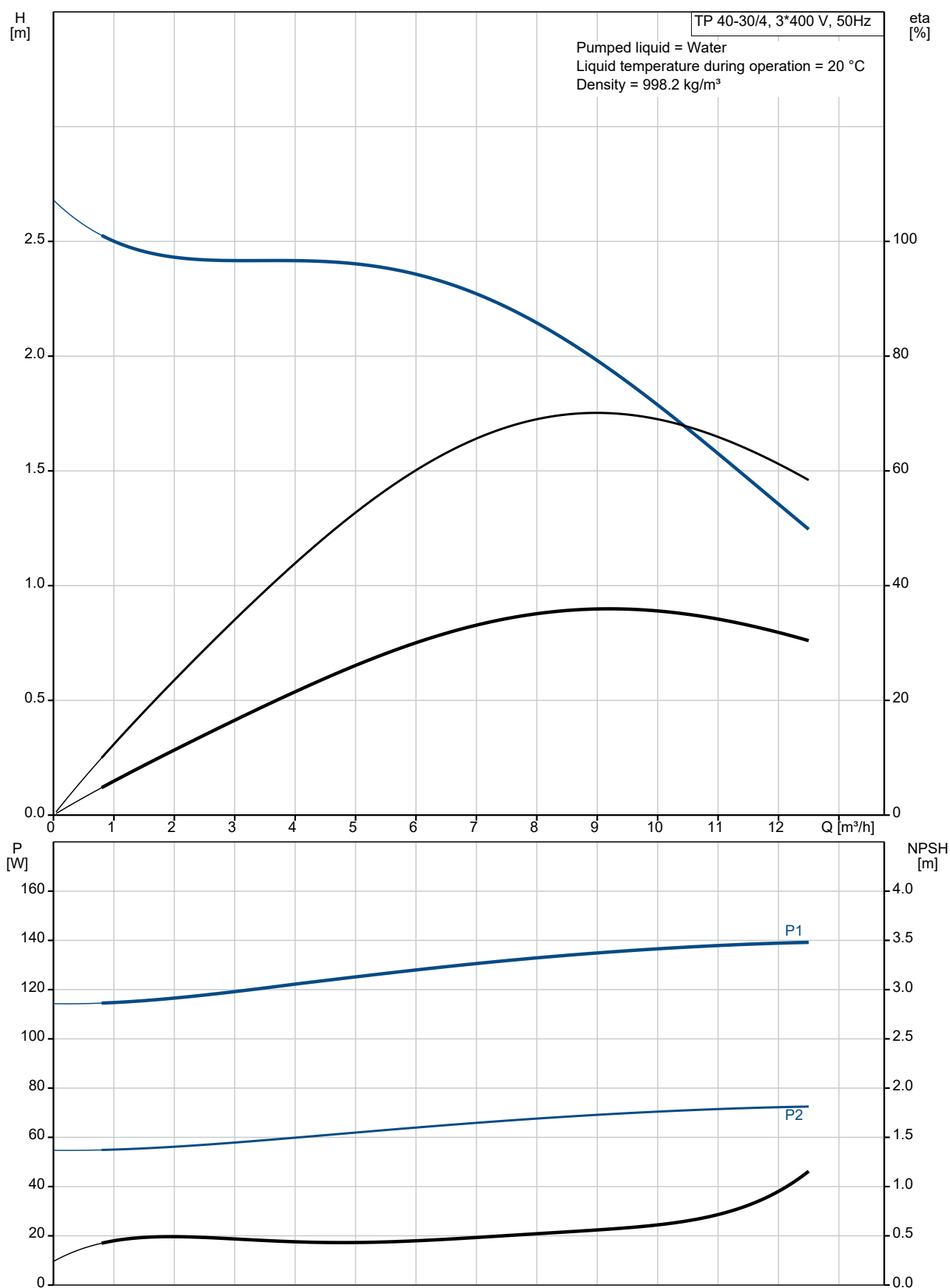


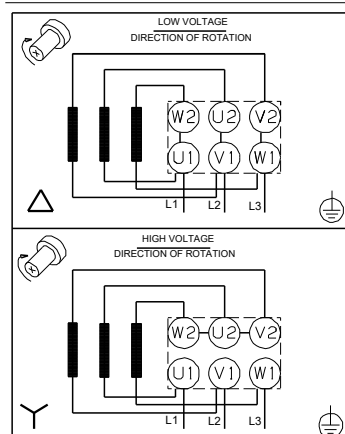
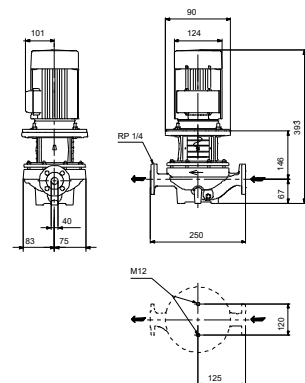
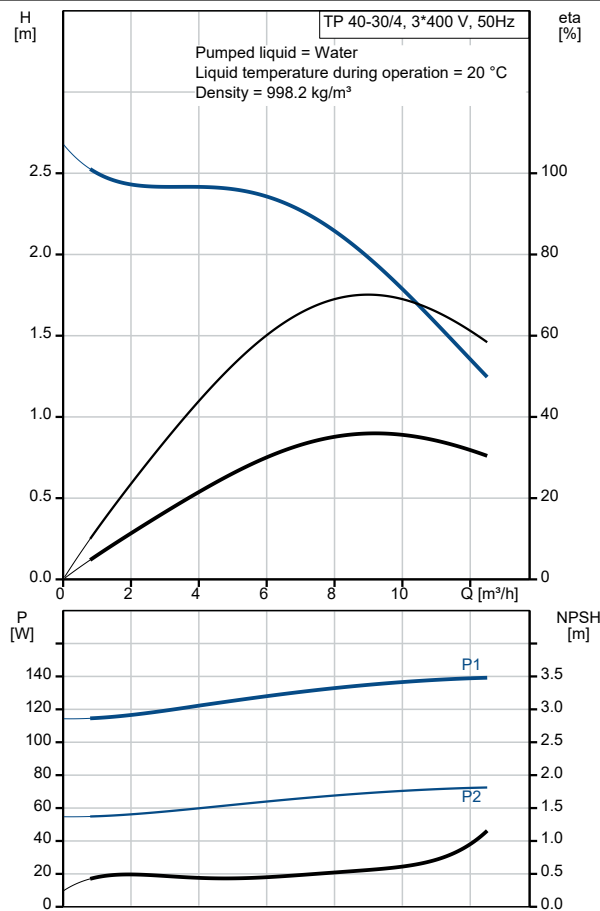
Qty.	Description
1	<p data-bbox="199 338 531 365">TP 40-30/4 A-F-A-BQQE-AX3</p> <div data-bbox="226 394 568 913">  </div> <p data-bbox="592 896 1064 920">Note! Product picture may differ from actual product</p> <p data-bbox="199 927 478 952">Product No.: On request</p> <p data-bbox="199 985 1297 1012">Single-stage, close-coupled, volute pump with in-line suction and discharge ports of identical diameter.</p> <p data-bbox="199 1014 1401 1068">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.</p> <p data-bbox="199 1070 831 1097">The pump is fitted with an unbalanced rubber bellows seal.</p> <p data-bbox="199 1099 1382 1153">The shaft seal is according to EN 12756. Pipework connection is via PN 6/10 DIN flanges (EN 1092-2 and ISO 7005-2).</p> <p data-bbox="199 1155 817 1182">The pump is fitted with a fan-cooled asynchronous motor.</p> <p data-bbox="199 1184 1449 1263">The product's minimum efficiency index (MEI) is greater or equal to 0.70. This is by the Commission Regulation (EU) considered as an indicative benchmark for best-performing water pump available on the market as from 1 January 2013.</p> <p data-bbox="199 1265 1455 1344">Cast-iron parts have an epoxy-based coating made in a cathodic electro-deposition (CED) process. CED is a high-quality dip-painting process where an electrical field around the products ensures deposition of paint particles as a thin, well-controlled layer on the surface.</p> <p data-bbox="199 1391 284 1417">Pump</p> <div data-bbox="209 1435 632 1727">  </div> <p data-bbox="199 1756 386 1783">1: Pump housing</p> <p data-bbox="199 1785 319 1812">2: Impeller</p> <p data-bbox="199 1814 290 1841">3: Shaft</p> <p data-bbox="199 1843 327 1870">4: Coupling</p> <p data-bbox="199 1872 354 1899">5: Pump head</p> <p data-bbox="199 1904 1385 1955">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.</p> <p data-bbox="199 1960 729 1986">The impeller is secured with a split cone with nut.</p> <p data-bbox="199 1989 1452 2067">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.</p> <p data-bbox="199 2072 346 2098">Primary seal:</p>

Qty.	Description
	<ul style="list-style-type: none"> Rotating seal ring material: silicon carbide (SiC) Stationary seat material: silicon carbide (SiC) <p>This material pairing is used where higher corrosion resistance is required. The high hardness of this material pairing offers good resistance against abrasive particles.</p> <p>Secondary seal material: EPDM (ethylene-propylene rubber)</p> <p>EPDM has excellent resistance to hot water. EPDM is not suitable for mineral oils.</p> <p>A circulation of liquid through the duct of the air vent screw ensures lubrication and cooling of the shaft seal.</p> <p>The flanges have tappings for mounting of pressure gauges.</p> <p>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.</p> <p>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.</p> <p>Motor</p> <p>The motor is a totally enclosed, fan-cooled motor with principal dimensions to IEC and DIN standards. Electrical tolerances comply with IEC 60034.</p> <p>The motor is flange-mounted with tapped-hole flange (FT).</p> <p>Motor-mounting designation in accordance with IEC 60034-7: IM B 14, IM V 18 (Code I) / IM 3601, IM 3611 (Code II).</p> <p>The motor efficiency is classified as IE2 in accordance with IEC 60034-30.</p> <p>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).</p> <p>Further product details</p> <p>Technical data</p> <p>Controls:</p> <p>Frequency converter: NONE</p> <p>Liquid:</p> <p>Liquid temperature range: -25 .. 120 °C</p> <p>Selected liquid temperature: 20 °C</p> <p>Technical:</p> <p>Materials:</p> <p>Installation:</p> <p>Range of ambient temperature: -20 .. 40 °C</p> <p>Maximum operating pressure: 10 bar</p> <p>Max pressure at stated temp: 10 bar / 120 °C</p> <p>Electrical data:</p> <p>Starting current: 310-310 %</p> <p>Others:</p> <p>Country of origin: HU</p> <p>Custom tariff no.: 84137051</p>

On request TP 40-30/4 A-F-A-BQQE-AX3 50 Hz



Description	Value
General information:	
Product name:	TP 40-30/4 A-F-A-BQQE-AX3
Product No:	On request
EAN number:	On request
Technical:	
Pump speed on which pump data are based:	1400 rpm
Rated flow:	8 m³/h
Rated head:	2.15 m
Maximum head:	30 dm
Actual impeller diameter:	87 mm
Code for shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B2
Pump version:	A
Materials:	
Pump housing:	Cast iron
Pump housing:	EN-GJL-250
Pump housing:	ASTM class 35
Impeller:	Stainless steel
Impeller:	EN 1.4301
Impeller:	AISI 304
Material code:	A
Installation:	
Range of ambient temperature:	-20 .. 40 °C
Maximum operating pressure:	10 bar
Max pressure at stated temp:	10 bar / 120 °C
Type of connection:	DIN
Size of connection:	DN 40
Pressure rating for connection:	PN 6/10
Port-to-port length:	250 mm
Flange size for motor:	FT75
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-25 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	SIEMENS
IE Efficiency class:	IE2
Rated power - P2:	0.12 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 220-240/380-415 V
Rated current:	0,74-0,8/0,43-0,46 A
Starting current:	310-310 %
Cos phi - power factor:	0.66
Rated speed:	1390 rpm
Efficiency:	IE2 59,1%
Motor efficiency at full load:	59.1-59.1 %
Motor efficiency at 3/4 load:	56.4-56.4 %
Motor efficiency at 1/2 load:	49-49 %
Number of poles:	4
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Built-in motor protection:	NONE
Motor No:	99995098
Controls:	
Frequency converter:	NONE





Company name:

Created by:

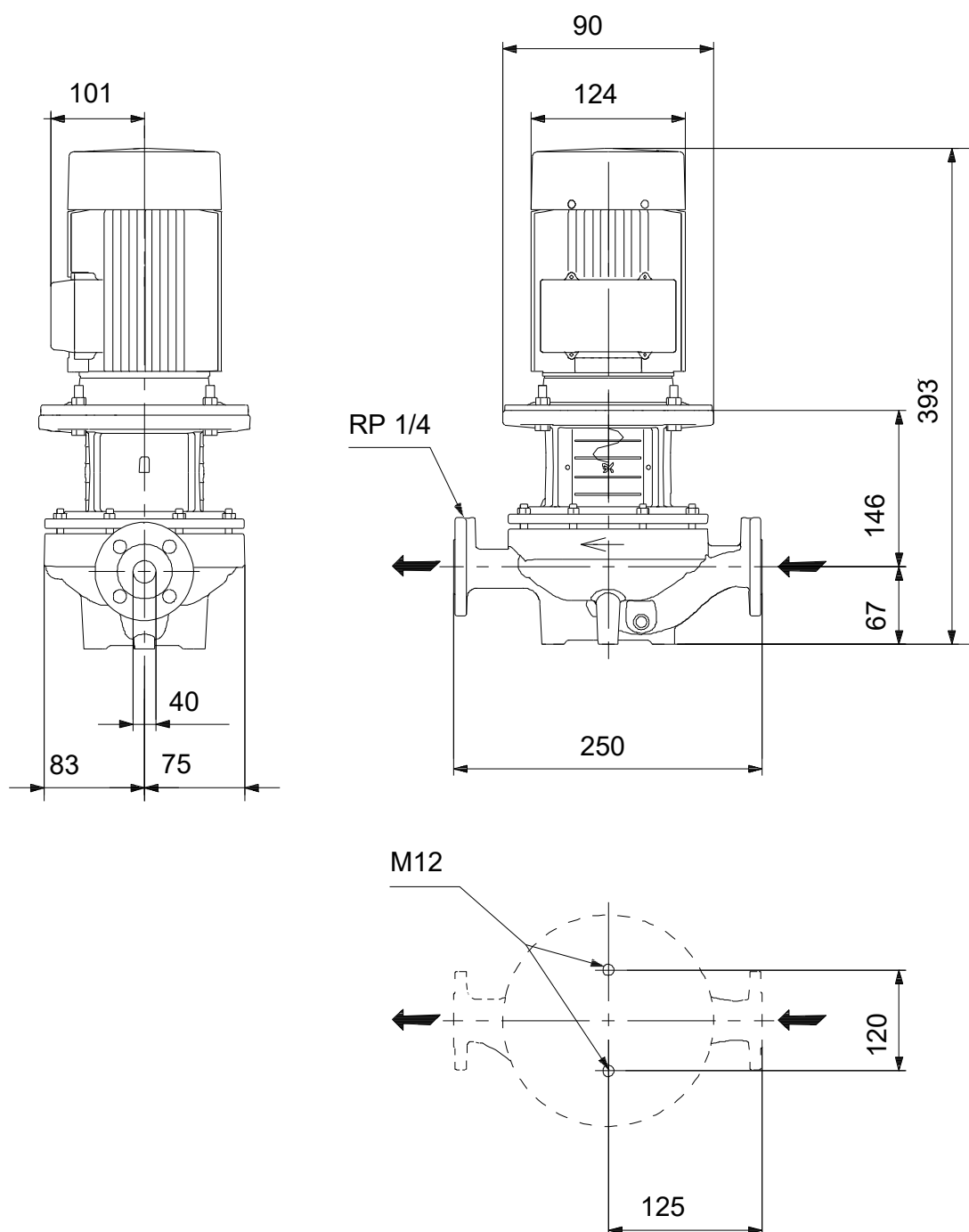
Phone:

Date:

25/10/2021

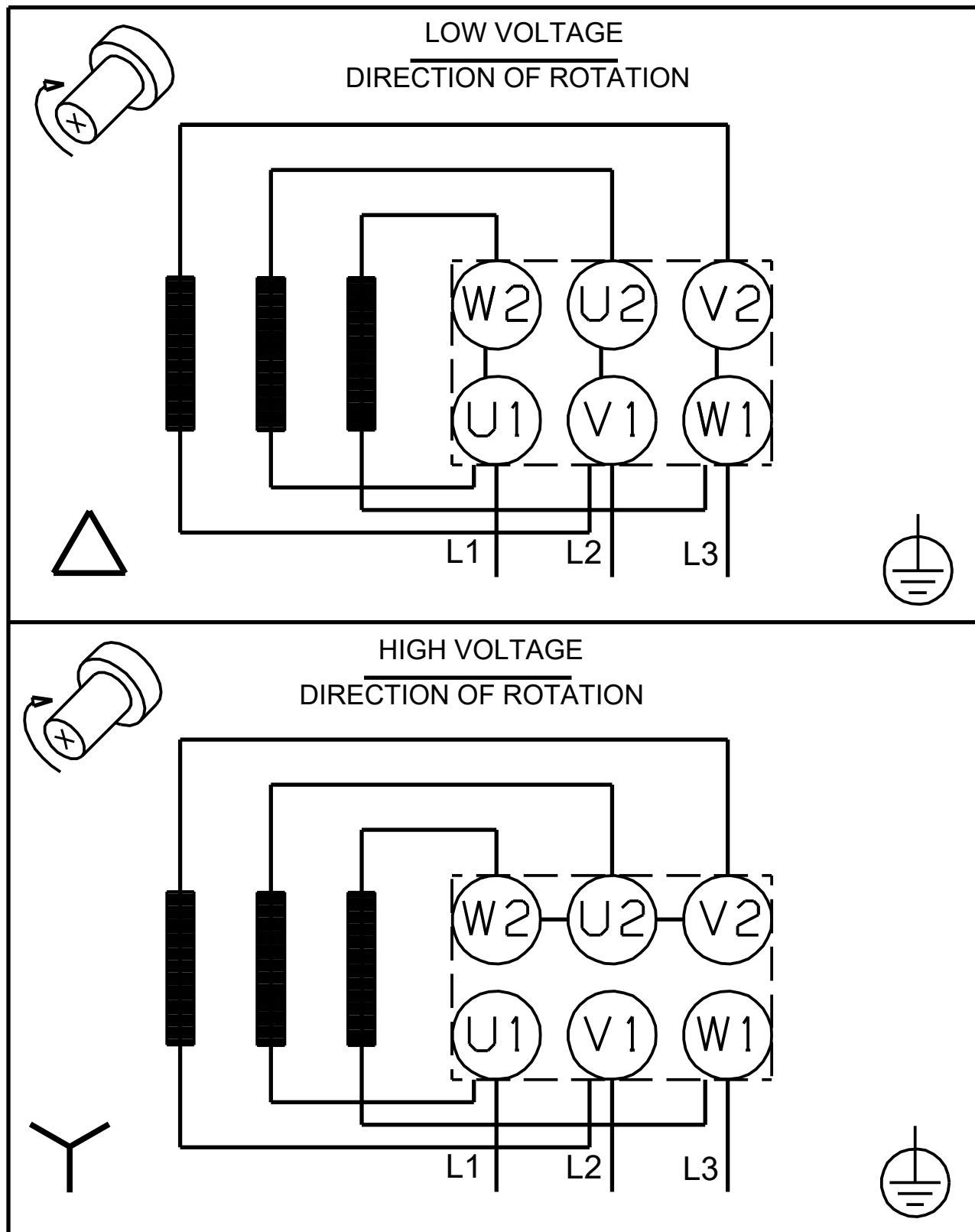
Description	Value
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	18.6 kg
Gross weight:	22.1 kg
Shipping volume:	0.08 m ³
Danish VVS No.:	38 1822.030
Finnish LVI No.:	4616023
Norwegian NRF no.:	9043551
Country of origin:	HU
Custom tariff no.:	84137051

On request TP 40-30/4 A-F-A-BQQE-AX3 50 Hz



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

On request TP 40-30/4 A-F-A-BQQE-AX3 50 Hz



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



Company name:

Created by:

Phone:

Date:

25/10/2021

Order Data:

Product name: TP 40-30/4

Amount: 1

Product No: On request

Total: Price on request
