


Count	Description
1	<p data-bbox="225 342 539 365">TPE3 50-60-S A-F-A-BQQE</p>  <p data-bbox="225 663 491 685">Product No.: 99272255</p> <p data-bbox="225 723 1404 797">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.</p> <p data-bbox="225 808 1436 857">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="225 869 1430 916">The pump is fitted with a fan-cooled, permanent-magnet synchronous motor. The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2.</p> <p data-bbox="225 927 1449 974">The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuously variable control of the motor speed, which again enables adaptation of the performance to a given requirement.</p> <p data-bbox="225 1010 1120 1032">The pump is fitted with a combined temperature- and differential-pressure sensor.</p> <p data-bbox="225 1099 336 1122">Controls:</p> <p data-bbox="225 1133 667 1155">Frequency converter: Built-in</p> <p data-bbox="225 1189 312 1211">Liquid:</p> <p data-bbox="225 1223 657 1245">Pumped liquid: Water</p> <p data-bbox="225 1256 727 1279">Liquid temperature range: -13 .. 248 °F</p> <p data-bbox="225 1290 705 1312">Liquid temperature during operation: 68 °F</p> <p data-bbox="225 1323 705 1346">Density: 62.29 lb/ft³</p> <p data-bbox="225 1379 347 1402">Technical:</p> <p data-bbox="225 1413 826 1435">Pump speed on which pump data is based: 2500 rpm</p> <p data-bbox="225 1447 737 1469">Rated flow: 71.8 US gpm</p> <p data-bbox="225 1480 657 1503">Rated head: 12.8 ft</p> <p data-bbox="225 1514 667 1536">Actual impeller diameter: 2.91 in</p> <p data-bbox="225 1547 657 1570">Primary shaft seal: BQQE</p> <p data-bbox="225 1581 785 1603">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="225 1637 347 1659">Materials:</p> <p data-bbox="225 1671 903 1749">Pump housing: Cast iron EN-JL1040 ASTM A48-40 B</p> <p data-bbox="225 1760 903 1783">Impeller: Composite PES/PP 30% GF</p> <p data-bbox="225 1816 368 1839">Installation:</p> <p data-bbox="225 1850 715 1872">Range of ambient temperature: -4 .. 122 °F</p> <p data-bbox="225 1883 673 1906">Maximum operating pressure: 145 psi</p> <p data-bbox="225 1917 635 1939">Flange standard: DIN</p> <p data-bbox="225 1951 657 1973">Pipe connection: DN 50</p> <p data-bbox="225 1984 683 2007">Pressure stage: PN 6/10</p> <p data-bbox="225 2018 699 2040">Port-to-port length: 11 1/16 in</p> <p data-bbox="225 2051 635 2074">Flange size for motor: 56C</p> <p data-bbox="225 2107 405 2130">Electrical data:</p> <p data-bbox="225 2141 635 2163">Motor type: 71A</p>



Company name:

Created by:

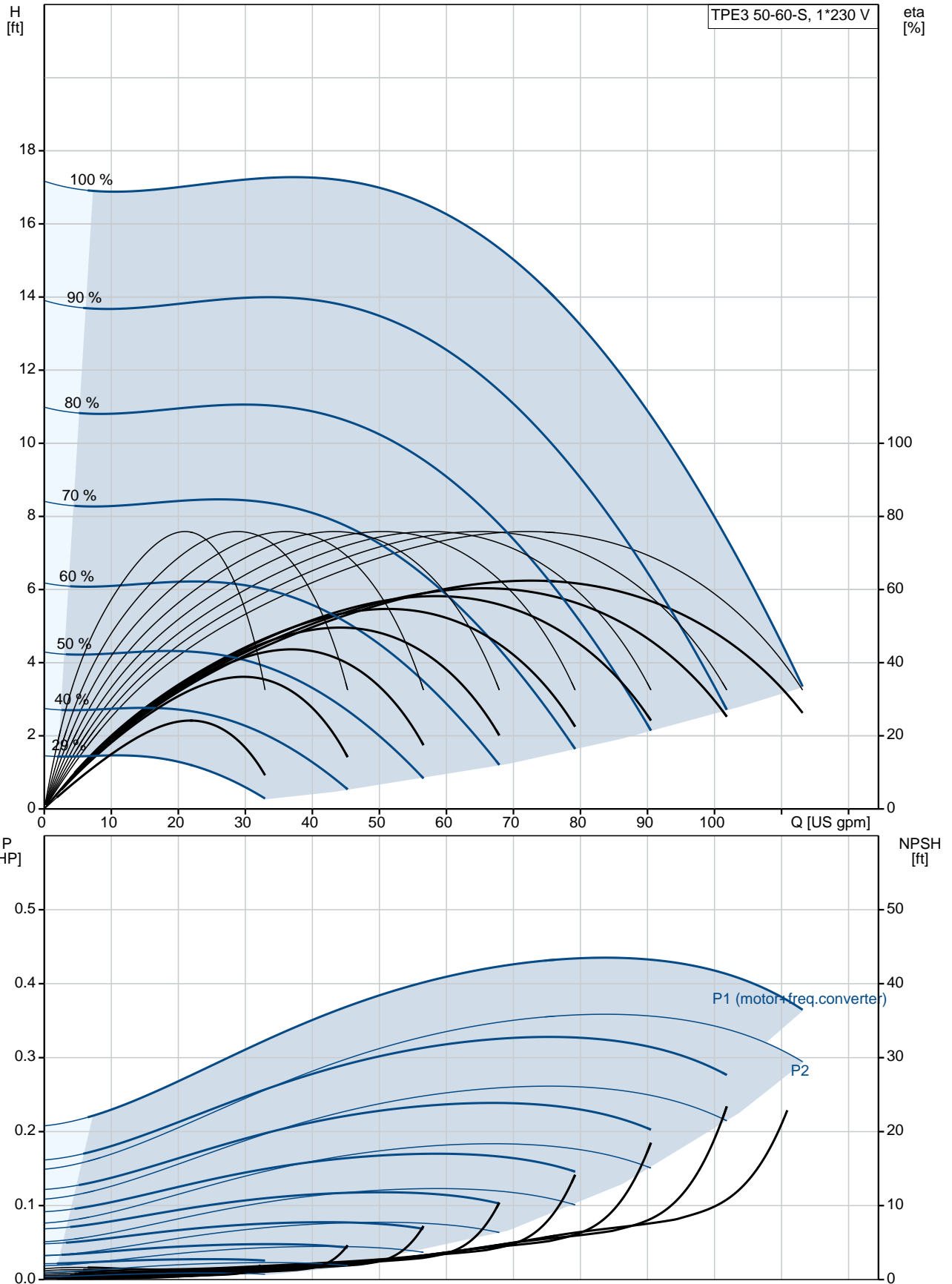
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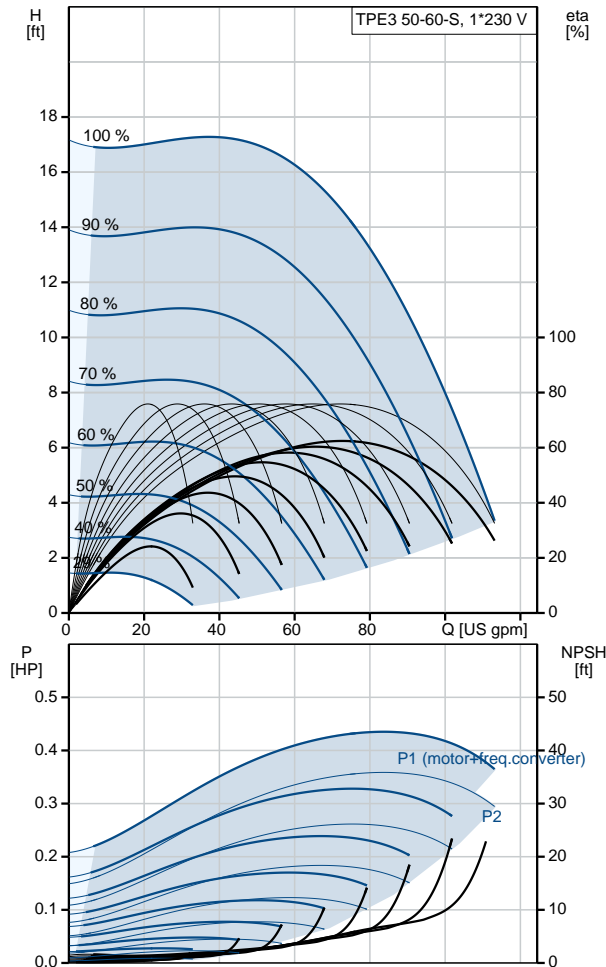
1/10/2019

Count	Description
	IE Efficiency class: IE5
	Rated power - P2: 0.5 HP
	Main frequency: 60 Hz
	Rated voltage: 1 x 200-240 V
	Rated current: 2.40-2.10 A
	Cos phi - power factor: 0.96
	Rated speed: 360-4000 rpm
	IE efficiency: 84.0%
	Motor efficiency at full load: 84.0 %
	Enclosure class (IEC 34-5): IP55
	Insulation class (IEC 85): F
	Others:
	Minimum efficiency index, MEI : 0.7
	ErP status: EuP Standalone/Prod.
	Net weight: 54.5 lb
	Gross weight: 70.3 lb
	Shipping volume: 3570 ft ³
	Danish VVS No.: 381602060
	Norwegian NRF no.: 9043462
	Country of origin: HU
	Custom tariff no.: 84137051

99272255 TPE3 50-60-S A-F-A-BQQE 60 Hz



Description	Value
General information:	
Product name:	TPE3 50-60-S A-F-A-BQQE
Product No.:	99272255
EAN:	5713826361013
Technical:	
Pump speed on which pump data is based:	2500 rpm
Rated flow:	71.8 US gpm
Rated head:	12.8 ft
Head max:	19.69 ft
Actual impeller diameter:	2.91 in
Primary shaft seal:	BQQE
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump housing:	Cast iron EN-JL1040 ASTM A48-40 B
Impeller:	Composite PES/PP 30% GF
Material code:	A
Installation:	
Range of ambient temperature:	-4 .. 122 °F
Maximum operating pressure:	145 psi
Flange standard:	DIN
Pipe connection:	DN 50
Pressure stage:	PN 6/10
Port-to-port length:	11 1/16 in
Flange size for motor:	56C
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-13 .. 248 °F
Liquid temperature during operation:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor type:	71A
IE Efficiency class:	IE5
Rated power - P2:	0.5 HP
Main frequency:	60 Hz
Rated voltage:	1 x 200-240 V
Rated current:	2.40-2.10 A
Cos phi - power factor:	0.96
Rated speed:	360-4000 rpm
IE efficiency:	84.0%
Motor efficiency at full load:	84.0 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	YES
Motor Number:	99137984
Controls:	
Control panel:	HMI300 - Graphical
Function Module:	FM300 - Advanced
Frequency converter:	Built-in
Others:	
Minimum efficiency index, MEI :	0.7
ErP status:	EuP Standalone/Prod.
Net weight:	54.5 lb





Company name:

Created by:

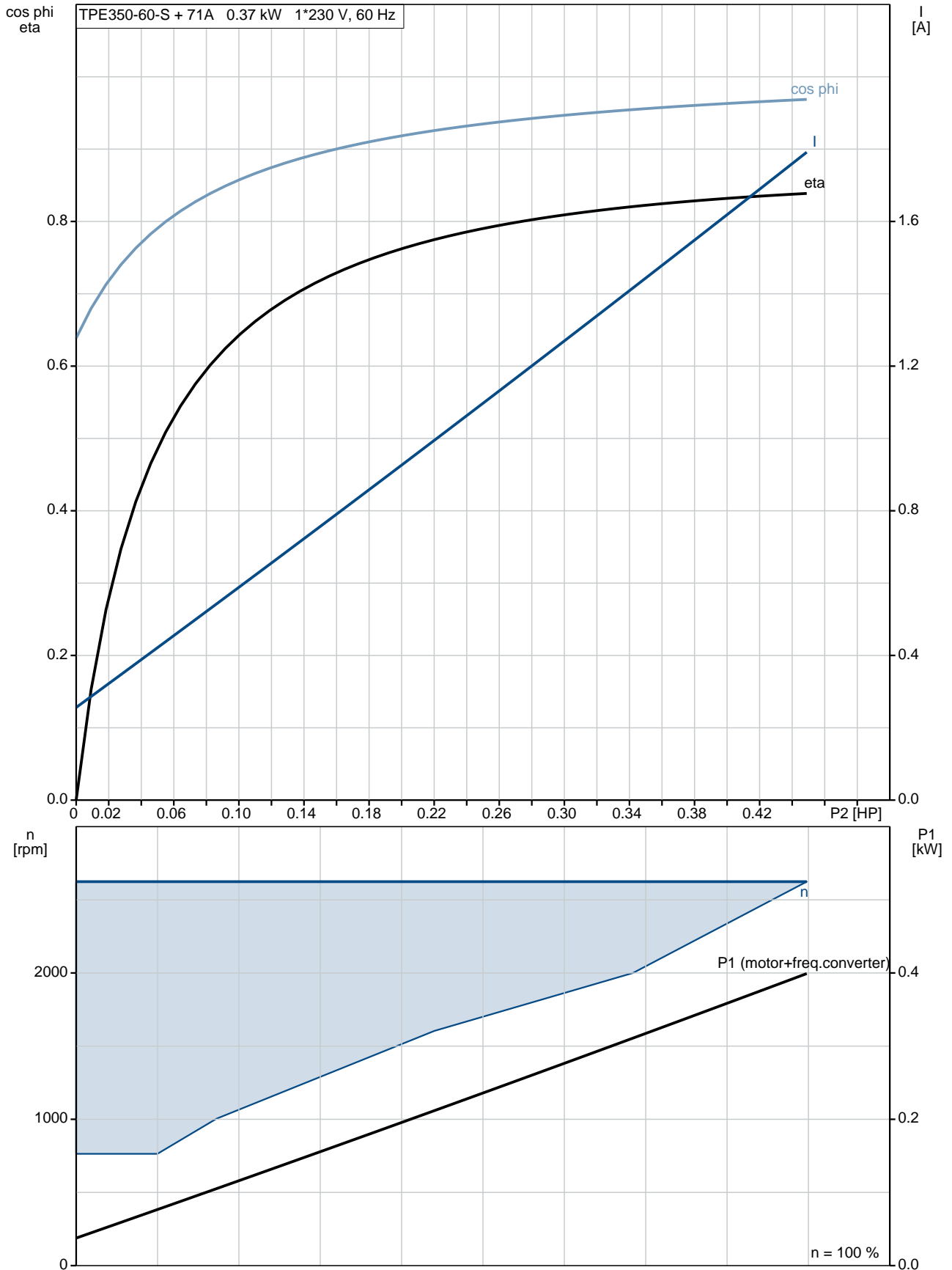
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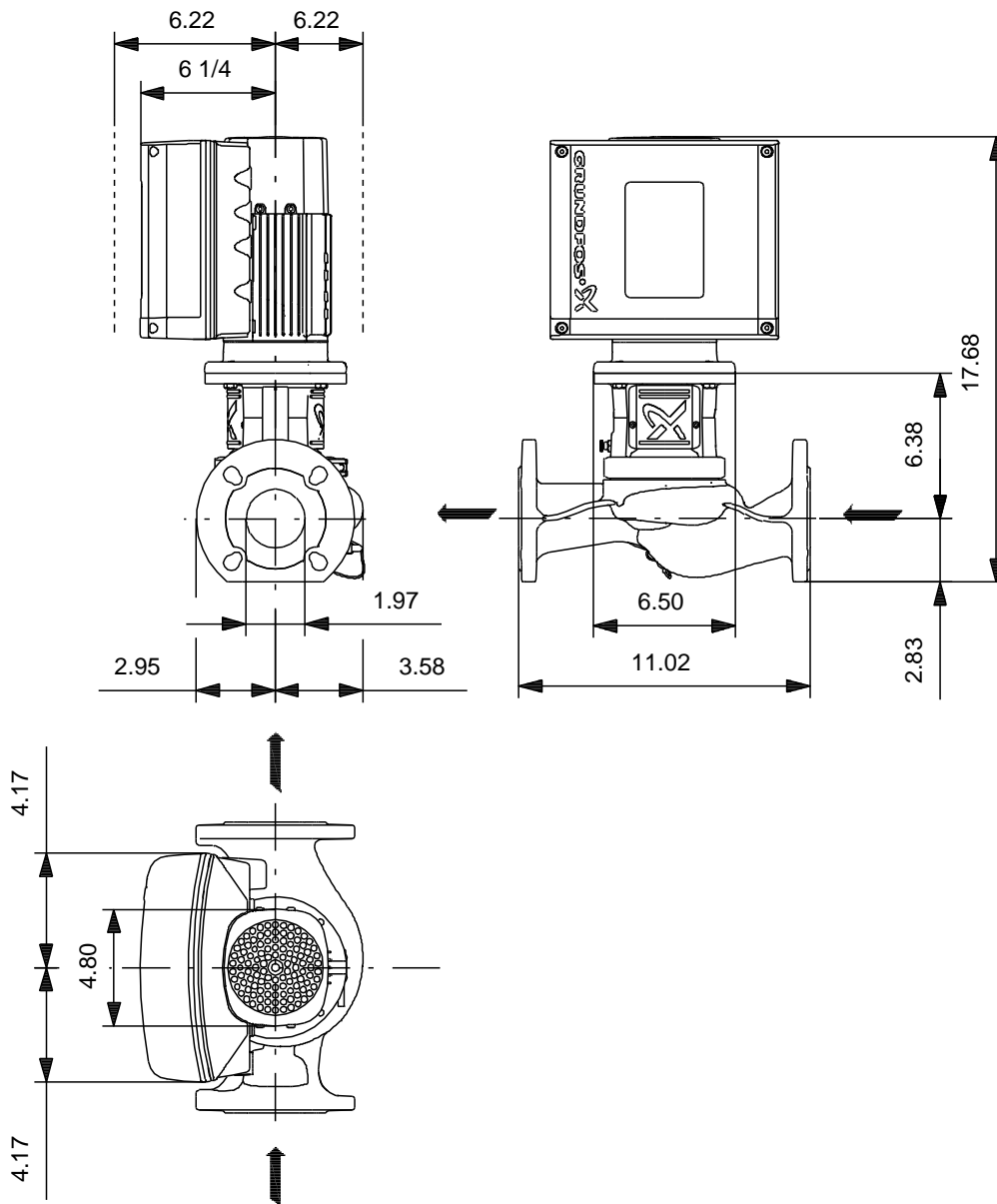
1/10/2019

Description	Value
Gross weight:	70.3 lb
Shipping volume:	3570 ft ³
Config. file no:	98481396
Danish VVS No.:	381602060
Norwegian NRF no.:	9043462
Country of origin:	HU
Custom tariff no.:	84137051

99272255 TPE3 50-60-S A-F-A-BQQE 60 Hz

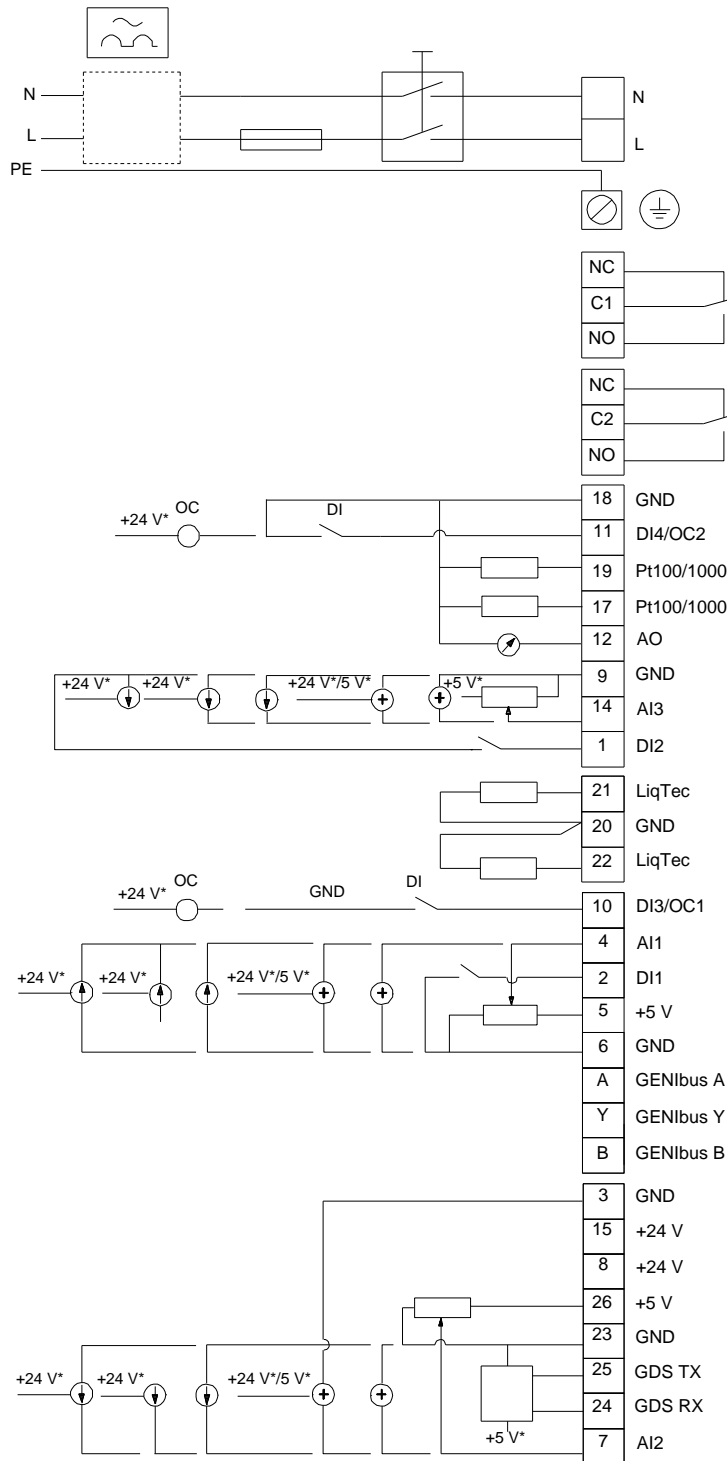


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Note! All units are in [mm] unless otherwise stated.
Disclaimer: This simplified dimensional drawing does not show all details.

99272255 TPE3 50-60-S A-F-A-BQQE 60 Hz



All units are [mm] unless otherwise presented.