


Count	Description
1	<p data-bbox="225 338 555 367">TPE3 80-150-S A-F-A-BQQE</p>  <p data-bbox="225 660 491 689">Product No.: 99272198</p> <p data-bbox="225 719 1406 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="225 804 1418 857">The shaft seal is according to EN 12756. Pipework connection is via PN 10 DIN flanges (EN 1092-2 and ISO 7005-2).</p> <p data-bbox="225 864 1433 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="225 922 1453 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 1005 1120 1034">The pump is fitted with a combined temperature- and differential-pressure sensor.</p> <p data-bbox="225 1095 336 1124">Controls:</p> <p data-bbox="225 1126 667 1155">Frequency converter: Built-in</p> <p data-bbox="225 1184 312 1214">Liquid:</p> <p data-bbox="225 1216 657 1245">Pumped liquid: Water</p> <p data-bbox="225 1247 727 1276">Liquid temperature range: -13 .. 248 °F</p> <p data-bbox="225 1279 707 1308">Liquid temperature during operation: 68 °F</p> <p data-bbox="225 1310 708 1339">Density: 62.29 lb/ft³</p> <p data-bbox="225 1368 352 1397">Technical:</p> <p data-bbox="225 1400 828 1429">Pump speed on which pump data is based: 3400 rpm</p> <p data-bbox="225 1431 730 1460">Rated flow: 196 US gpm</p> <p data-bbox="225 1462 675 1491">Rated head: 32.48 ft</p> <p data-bbox="225 1494 667 1523">Actual impeller diameter: 3.54 in</p> <p data-bbox="225 1525 663 1554">Primary shaft seal: BQQE</p> <p data-bbox="225 1556 788 1585">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="225 1615 344 1644">Materials:</p> <p data-bbox="225 1646 904 1749">Pump housing: Cast iron EN-JL1040 ASTM A48-40 B</p> <p data-bbox="225 1751 904 1780">Impeller: Composite PES/PP 30% GF</p> <p data-bbox="225 1809 368 1839">Installation:</p> <p data-bbox="225 1841 715 1870">Range of ambient temperature: -4 .. 122 °F</p> <p data-bbox="225 1872 671 1901">Maximum operating pressure: 145 psi</p> <p data-bbox="225 1904 635 1933">Flange standard: DIN</p> <p data-bbox="225 1935 660 1964">Pipe connection: DN 80</p> <p data-bbox="225 1966 660 1995">Pressure stage: PN 10</p> <p data-bbox="225 1998 700 2027">Port-to-port length: 14 3/16 in</p> <p data-bbox="225 2029 635 2058">Flange size for motor: 56C</p> <p data-bbox="225 2087 405 2116">Electrical data:</p> <p data-bbox="225 2119 652 2148">Motor type: 90SC</p>



Company name:

Created by:

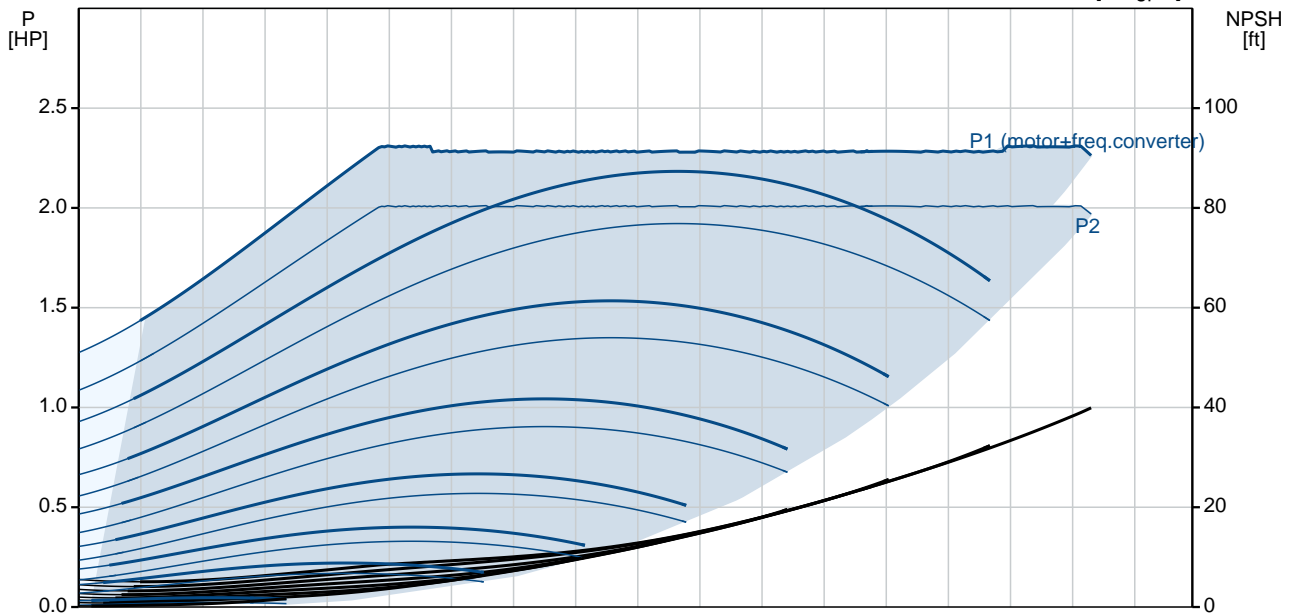
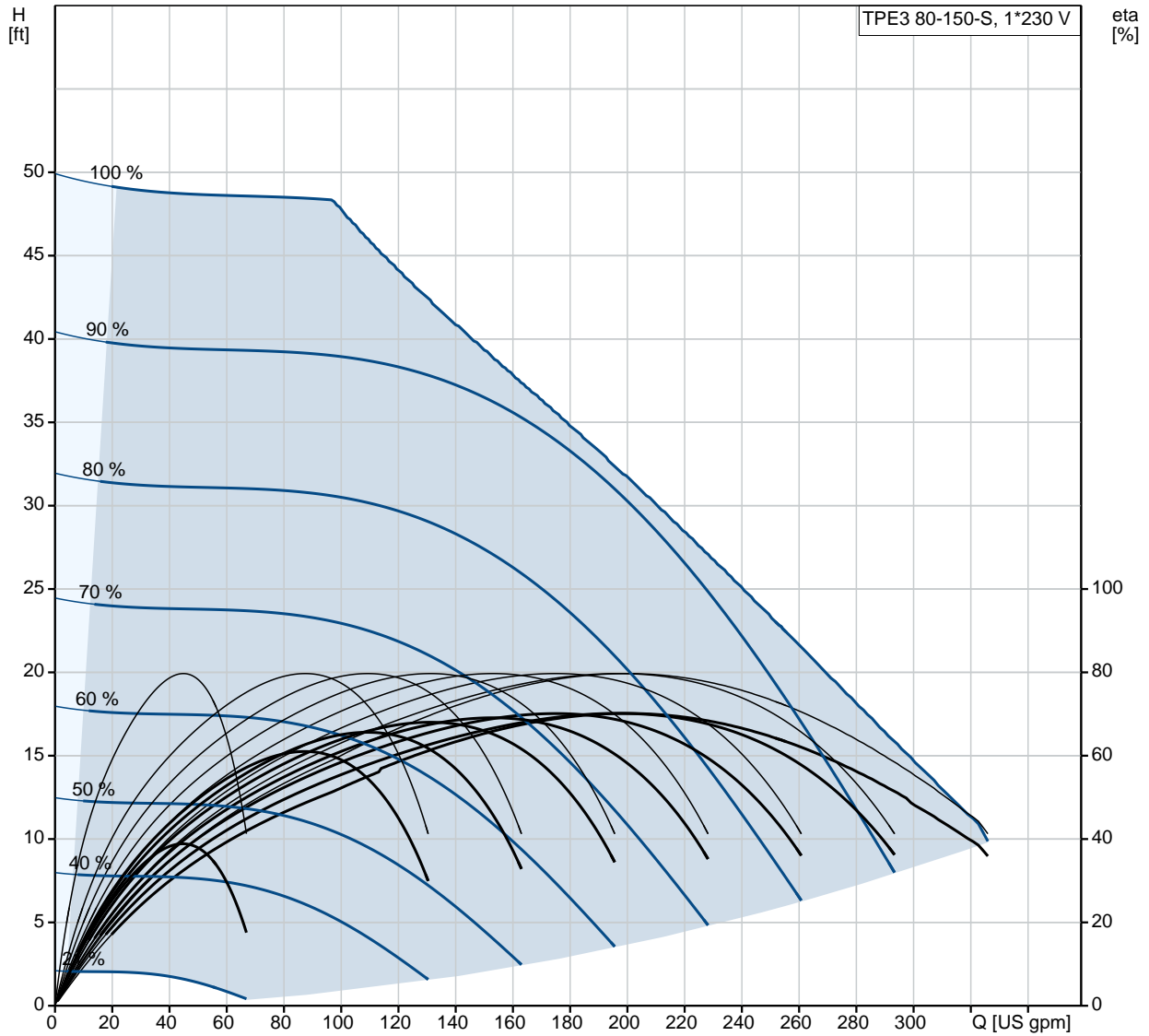
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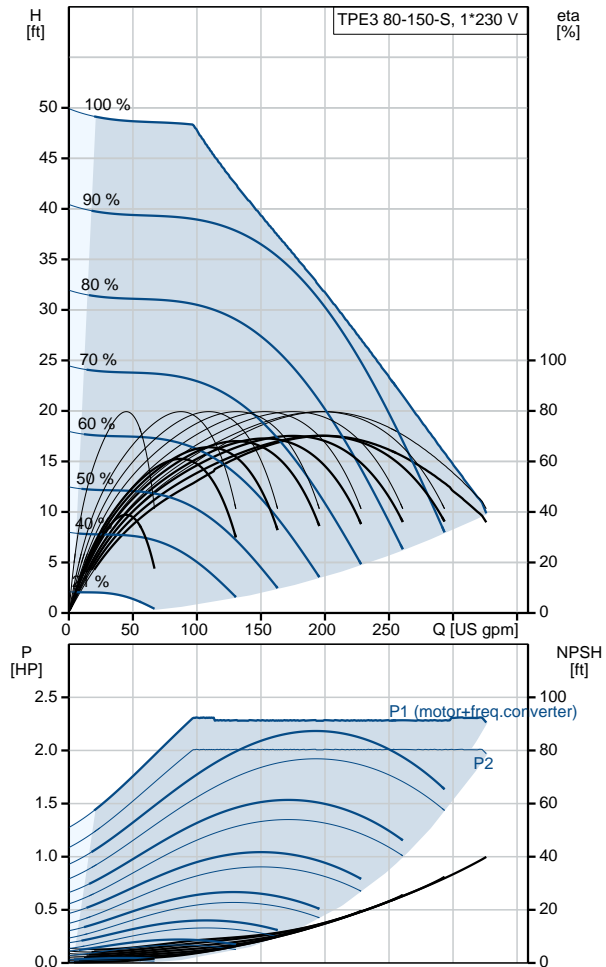
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Count	Description
	IE Efficiency class: IE5
	Rated power - P2: 2 HP
	Main frequency: 60 Hz
	Rated voltage: 1 x 200-240 V
	Rated current: 9.10-7.60 A
	Cos phi - power factor: 0.99
	Rated speed: 360-4000 rpm
	IE efficiency: 87.4%
	Motor efficiency at full load: 87.4 %
	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: 77.2 lb
	Gross weight: 96.4 lb
	Shipping volume: 5660 ft ³
	Danish VVS No.: 381604150
	Norwegian NRF no.: 9043472
	Country of origin: HU
	Custom tariff no.: 84137051

99272198 TPE3 80-150-S A-F-A-BQQE 60 Hz



Description	Value
General information:	
Product name:	TPE3 80-150-S A-F-A-BQQE
Product No.:	99272198
EAN:	5713826359874
Technical:	
Pump speed on which pump data is based:	3400 rpm
Rated flow:	196 US gpm
Rated head:	32.48 ft
Head max:	49.22 ft
Actual impeller diameter:	3.54 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 80
Pressure stage:	PN 10
Port-to-port length:	14 3/16 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/ft ³
Electrical data:	
Motor type:	90SC
IE Efficiency class:	IE5
Rated power - P2:	2 HP
Main frequency:	60 Hz
Rated voltage:	1 x 200-240 V
Rated current:	9.10-7.60 A
Cos phi - power factor:	0.99
Rated speed:	360-4000 rpm
IE efficiency:	87.4%
Motor efficiency at full load:	87.4 %
Enclosure class (IEC 34-5):	IP55
Insulation class (IEC 85):	F
Motor protection:	YES
Motor Number:	99137988
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.





Company name:

Created by:

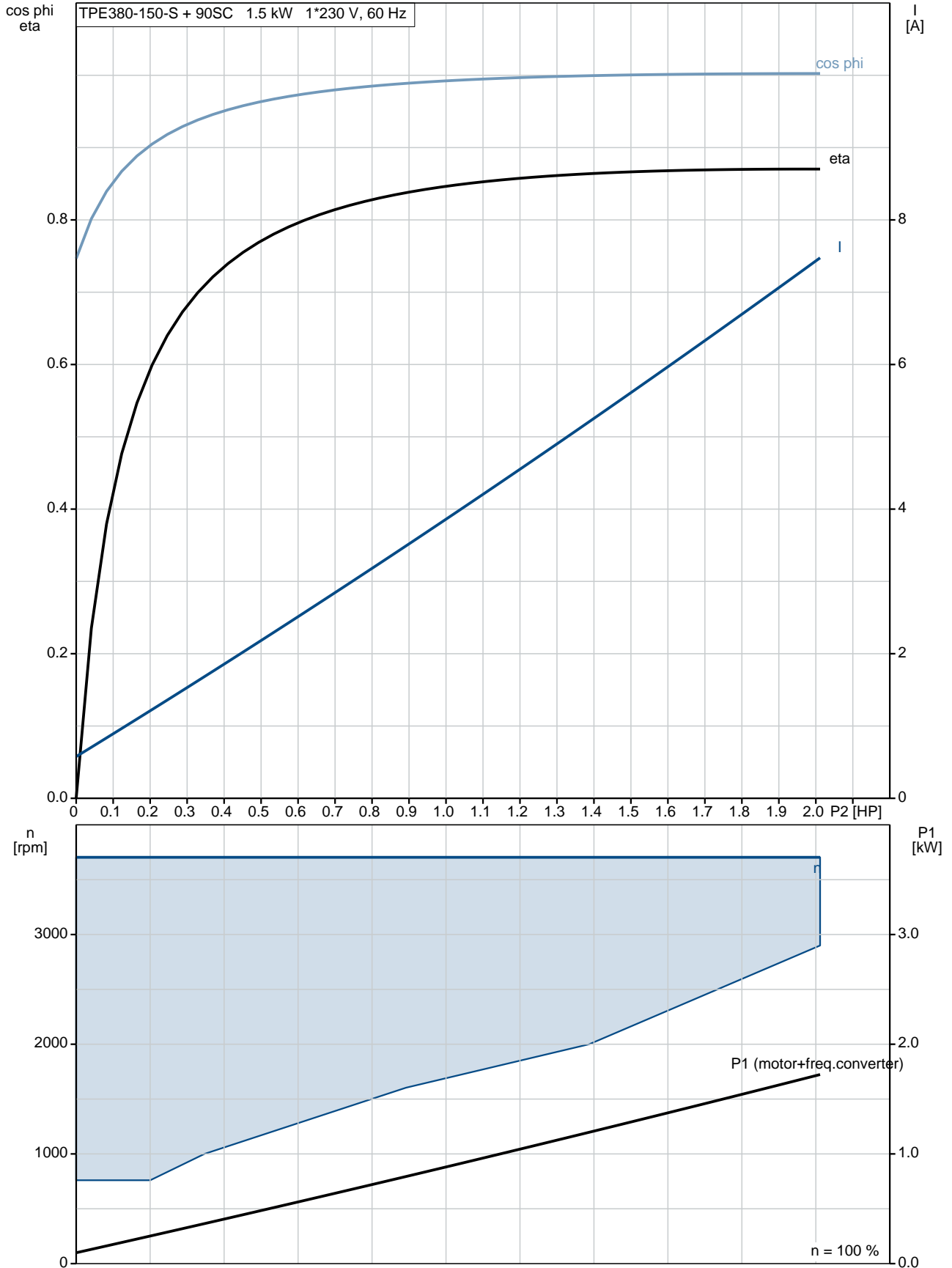
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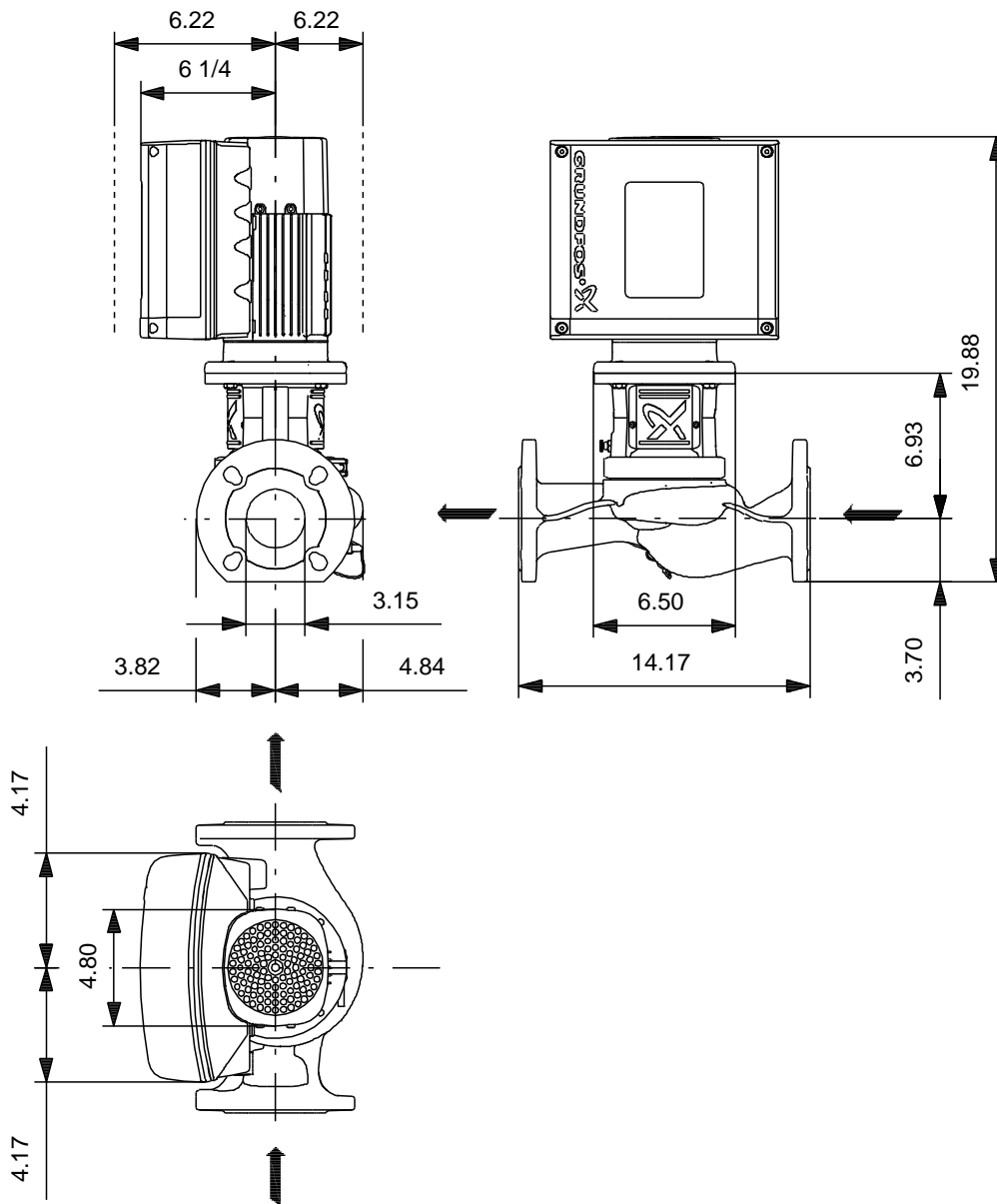
1/10/2019

Description	Value
Net weight:	77.2 lb
Gross weight:	96.4 lb
Shipping volume:	5660 ft ³
Config. file no:	98481409
Danish VVS No.:	381604150
Norwegian NRF no.:	9043472
Country of origin:	HU
Custom tariff no.:	84137051

99272198 TPE3 80-150-S A-F-A-BQQE 60 Hz

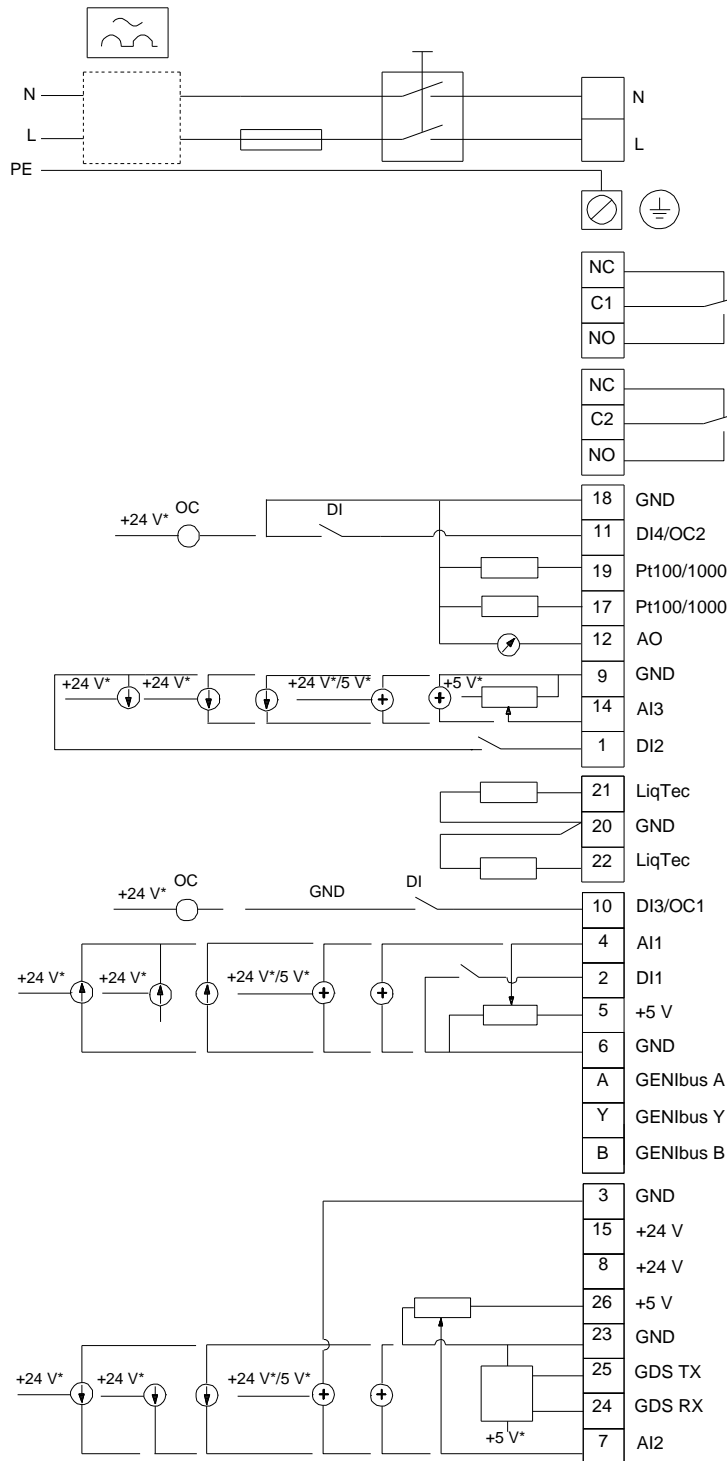


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Note! All units are in [mm] unless otherwise stated.
Disclaimer: This simplified dimensional drawing does not show all details.

99272198 TPE3 80-150-S A-F-A-BQQE 60 Hz



All units are [mm] unless otherwise presented.