

Qty.	Description
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1	CRN 32-2-1 A-F-A-E-HQQE
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Note! Product picture may differ from actual product

Product No.: [96122521](#)

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via DIN flanges.

The pump is fitted with a 3-phase, fan-cooled asynchronous motor.

Liquid:

Pumped liquid: Water
 Liquid temperature range: -40 .. 120 °C
 Selected liquid temperature: 20 °C
 Density: 998.2 kg/m³

Technical:

Pump speed on which pump data are based: 3526 rpm
 Rated flow: 36 m³/h
 Rated head: 37.9 m
 Pump orientation: Vertical
 Shaft seal arrangement: Single
 Code for shaft seal: HQQE
 Approvals: CE,EAC,UKCA,SEPRO
 Approvals for drinking water: WRAS,ACS
 Curve tolerance: ISO9906:2012 3B

Materials:

Base: Stainless steel
 EN 1.4408
 AISI 316
 Impeller: Stainless steel
 EN 1.4401
 AISI 316
 Bearing: SIC
 Support bearing: Graflon

Installation:

Maximum ambient temperature: 60 °C
 Maximum operating pressure: 16 bar
 Max pressure at stated temp: 16 bar / 120 °C
 16 bar / -40 °C
 Type of connection: DIN
 Size of inlet connection: DN 65
 Size of outlet connection: DN 65
 Pressure rating for connection: PN 40
 Flange size for motor: FF265



Company name:

Created by:

Phone:

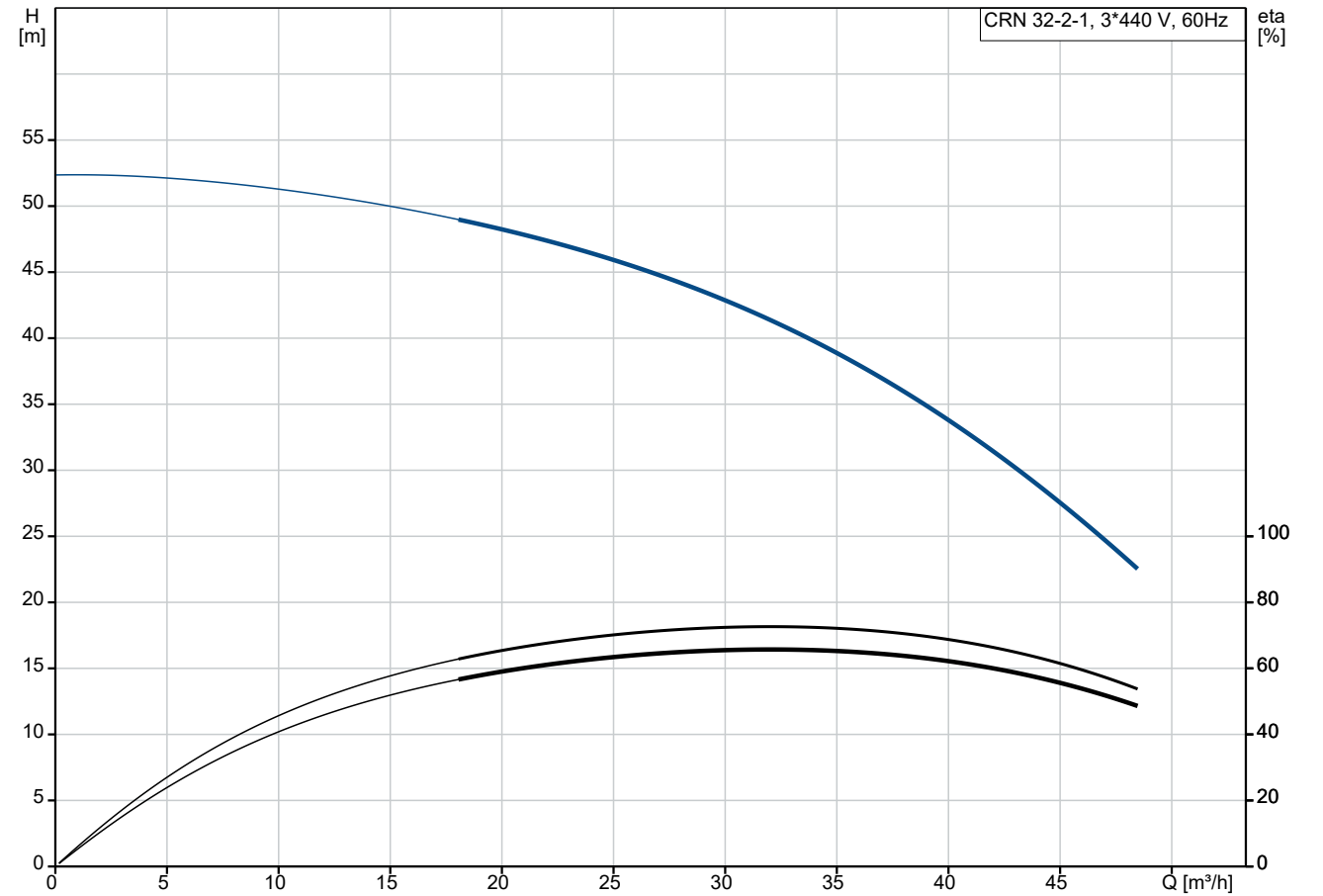
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29/10/2024

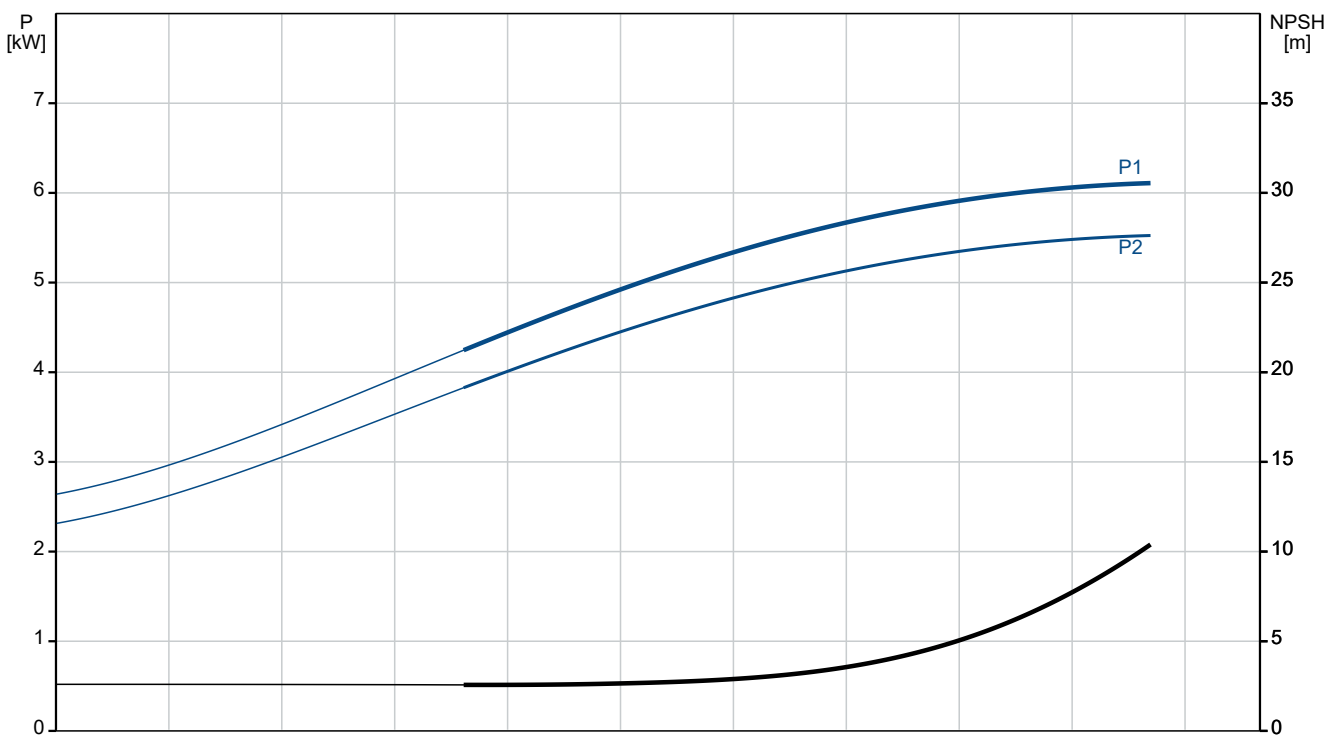
Qty.	Description
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1	Electrical data:
	Motor standard: IEC
	Motor type: 132SC
	Rated power - P2: 5.5 kW
	Power (P2) required by pump: 5.5 kW
	Mains frequency: 60 Hz
	Rated voltage: 3 x 220-277D/380-480Y V
	Rated current: 18,4-16,2/10,6-9,30 A
	Starting current: 1020-1480 %
	Cos phi - power factor: 0.90-0.80
	Rated speed: 3510-3550 rpm
	IE Efficiency class: NEMA Premium / IE3 60Hz
	Motor efficiency at full load: 89.5 %
	Motor efficiency at 3/4 load: 90.3-89.9 %
	Motor efficiency at 1/2 load: 89.9-87.9 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor No: 85U07417
	Controls:
	Frequency converter: None
	Others:
	Terminal box position: 6
	Minimum efficiency index, MEI ≥: 0.70
	Net weight: 96.1 kg
	Gross weight: 119 kg
	Shipping volume: 0.309 m³
	Country of origin: TW
	Custom tariff no.: 8413700000

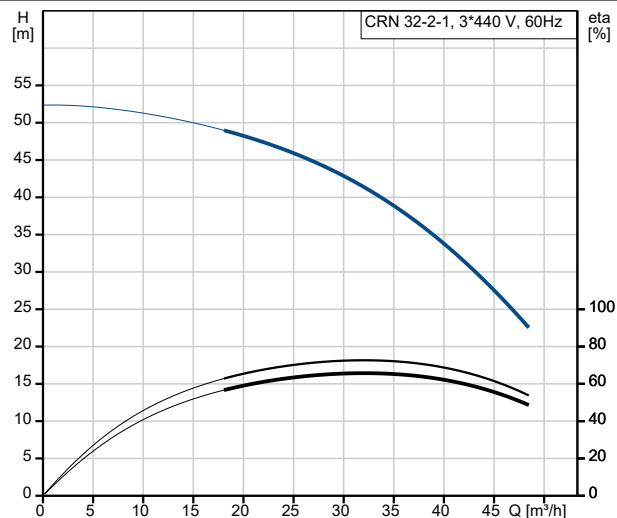
96122521 CRN 32-2-1 A-F-A-E-HQQE 60 Hz



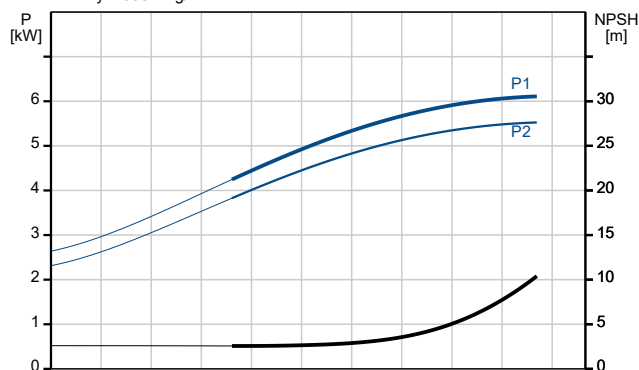
Pumped liquid = Water
 Liquid temperature during operation = 20 °C
 Density = 998.2 kg/m³



Description	Value
General information:	
Product name:	CRN 32-2-1 A-F-A-E-HQQE
Product No:	96122521
EAN number:	5700396685656
Technical:	
Pump speed on which pump data are based:	3526 rpm
Rated flow:	36 m³/h
Rated head:	37.9 m
Maximum head:	51.4 m
Stages:	2
Impellers:	2
Number of reduced-diameter impellers:	1
Low NPSH:	N
Pump orientation:	Vertical
Shaft seal arrangement:	Single
Code for shaft seal:	HQQE
Approvals:	CE,EAC,UKCA,SEPRO
Approvals for drinking water:	WRAS,ACS
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	B
Materials:	
Base:	Stainless steel
Base:	EN 1.4408
Base:	AISI 316
Impeller:	Stainless steel
Impeller:	EN 1.4401
Impeller:	AISI 316
Material code:	A
Code for rubber:	E
Bearing:	SIC
Support bearing:	Graflon
Installation:	
Maximum ambient temperature:	60 °C
Maximum operating pressure:	16 bar
Max pressure at stated temp:	16 bar / 120 °C
Max pressure at stated temp:	16 bar / -40 °C
Type of connection:	DIN
Size of inlet connection:	DN 65
Size of outlet connection:	DN 65
Pressure rating for connection:	PN 40
Flange size for motor:	FF265
Connect code:	F
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-40 .. 120 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor standard:	IEC
Motor type:	132SC
Rated power - P2:	5.5 kW
Power (P2) required by pump:	5.5 kW
Mains frequency:	60 Hz
Rated voltage:	3 x 220-277D/380-480Y V
Rated current:	18,4-16,2/10,6-9,30 A



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





Company name:

Created by:

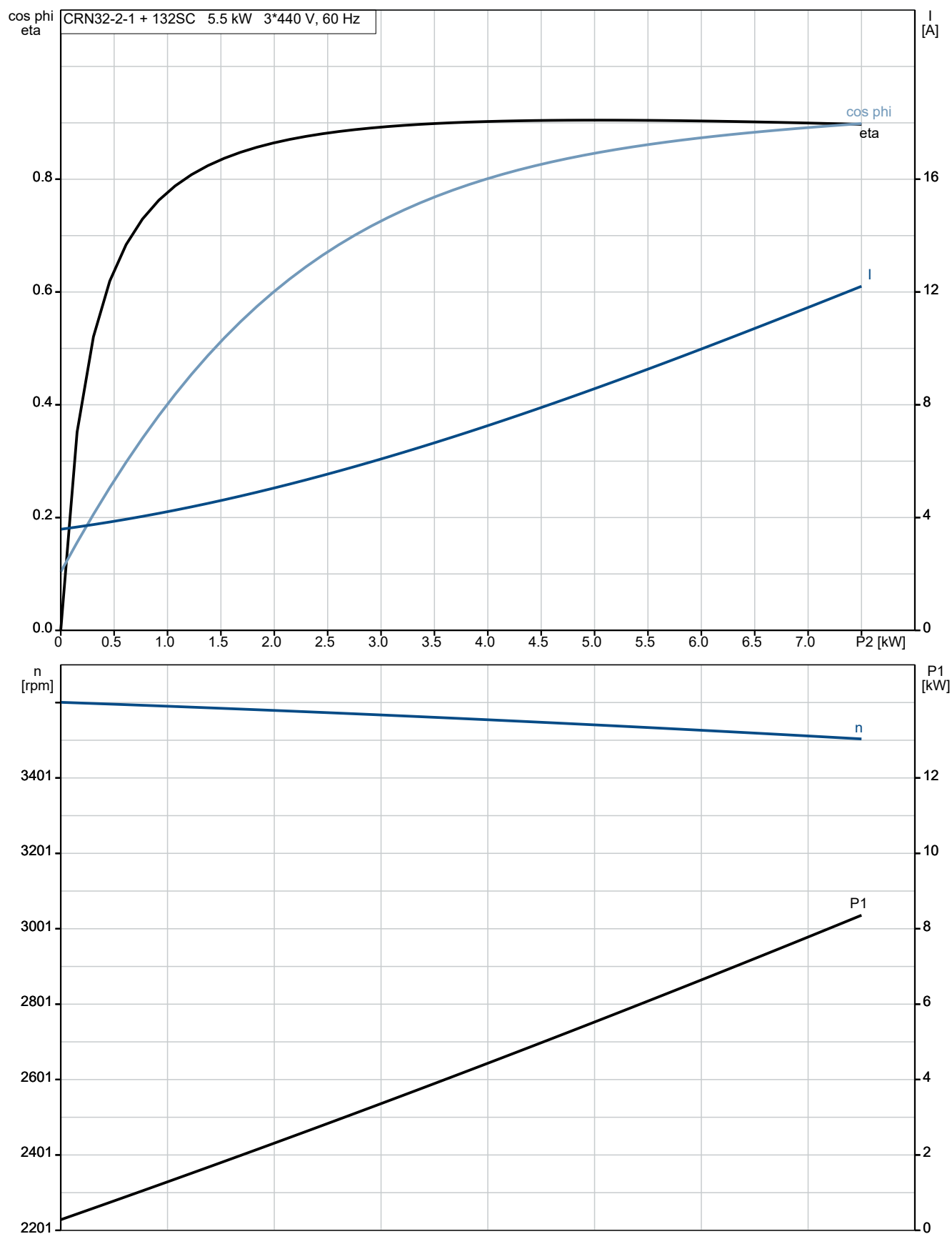
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Date:

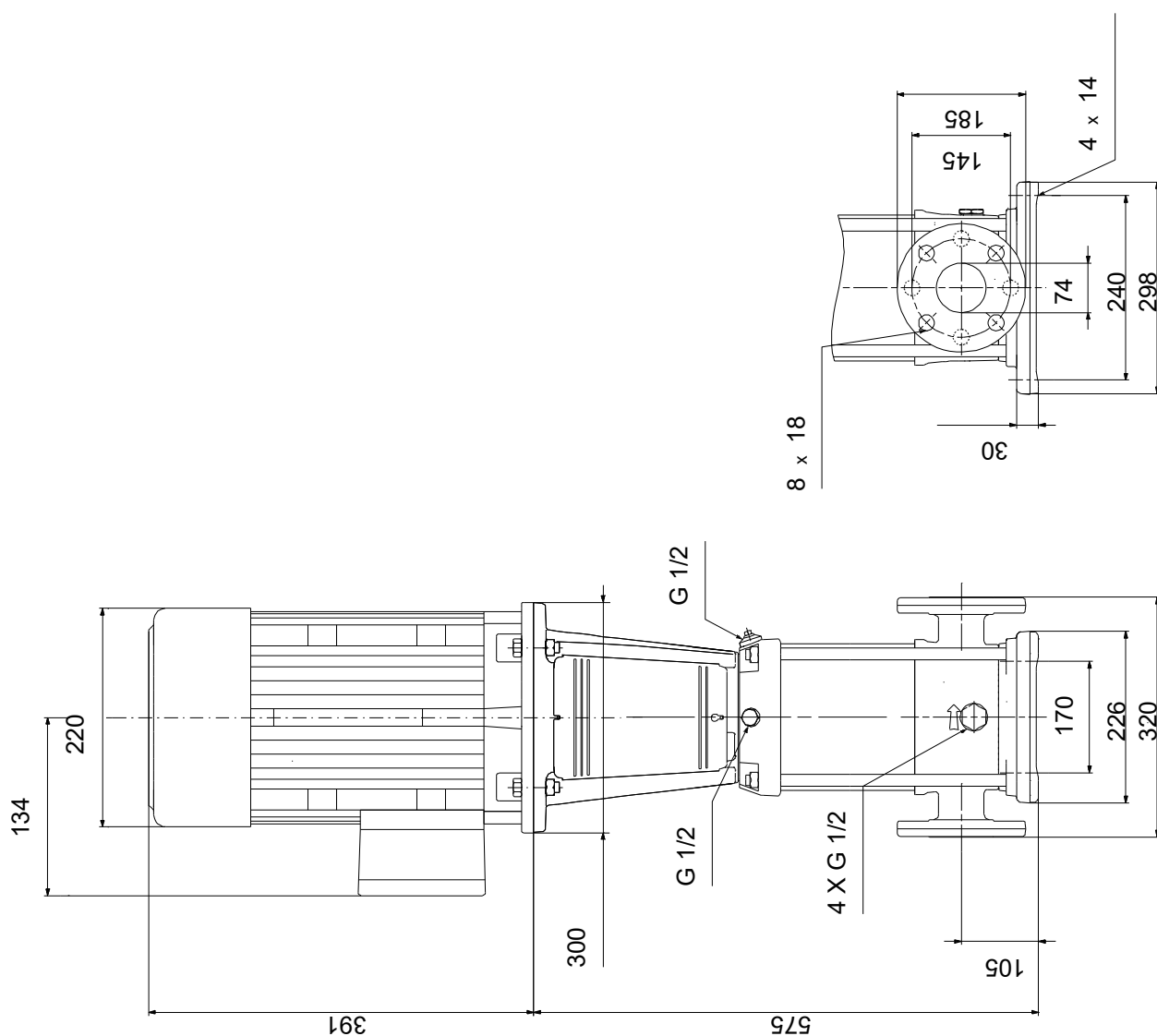
29/10/2024

Description	Value
Starting current:	1020-1480 %
Cos phi - power factor:	0.90-0.80
Rated speed:	3510-3550 rpm
IE Efficiency class:	NEMA Premium / IE3 60Hz
Motor efficiency at full load:	89.5 %
Motor efficiency at 3/4 load:	90.3-89.9 %
Motor efficiency at 1/2 load:	89.9-87.9 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U07417
Controls:	
Frequency converter:	None
Others:	
Terminal box position:	6
Minimum efficiency index, MEI ≥:	0.70
Net weight:	96.1 kg
Gross weight:	119 kg
Shipping volume:	0.309 m ³
Country of origin:	TW
Custom tariff no.:	8413700000

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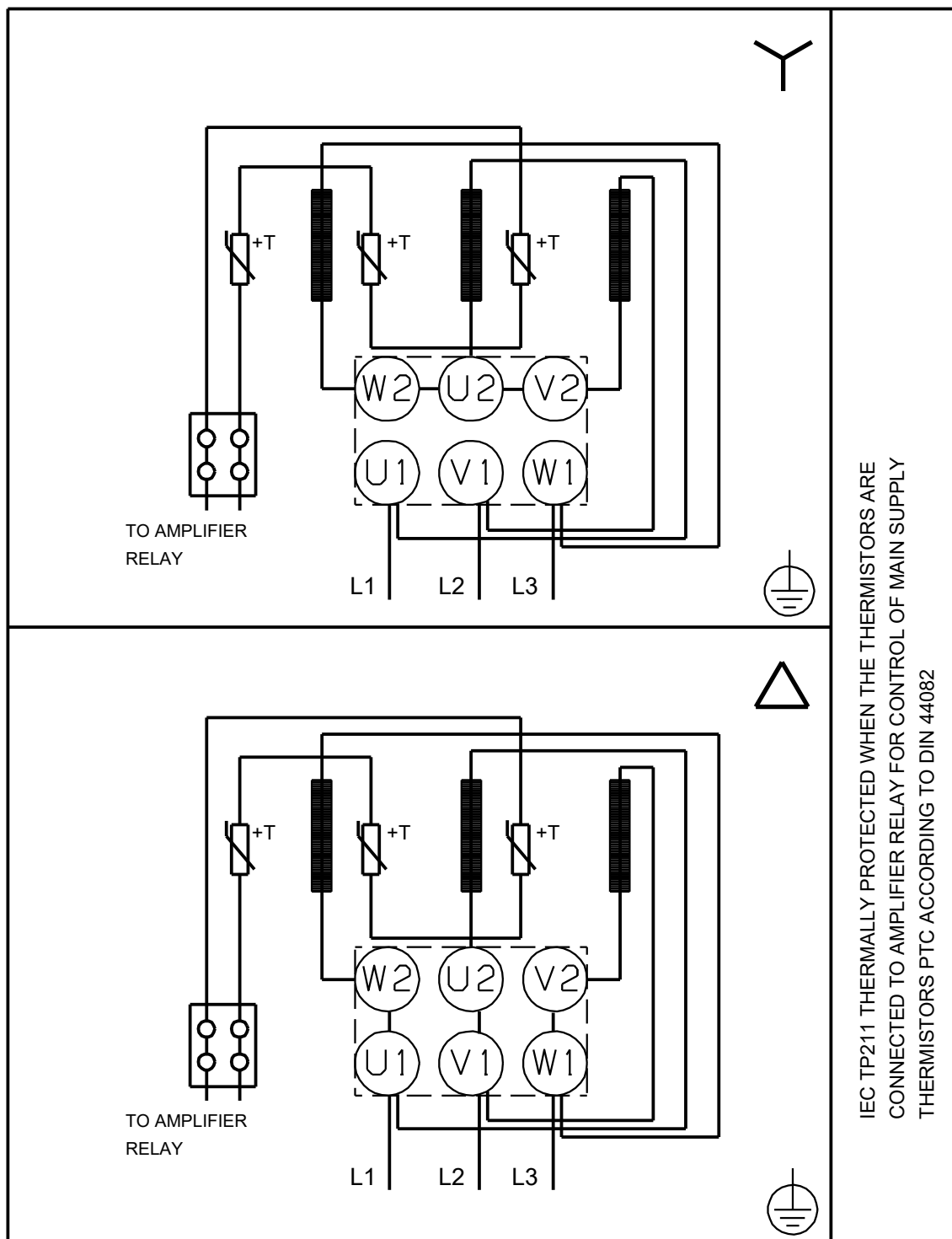


96122521 CRN 32-2-1 A-F-A-E-HQQE 60 Hz



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

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