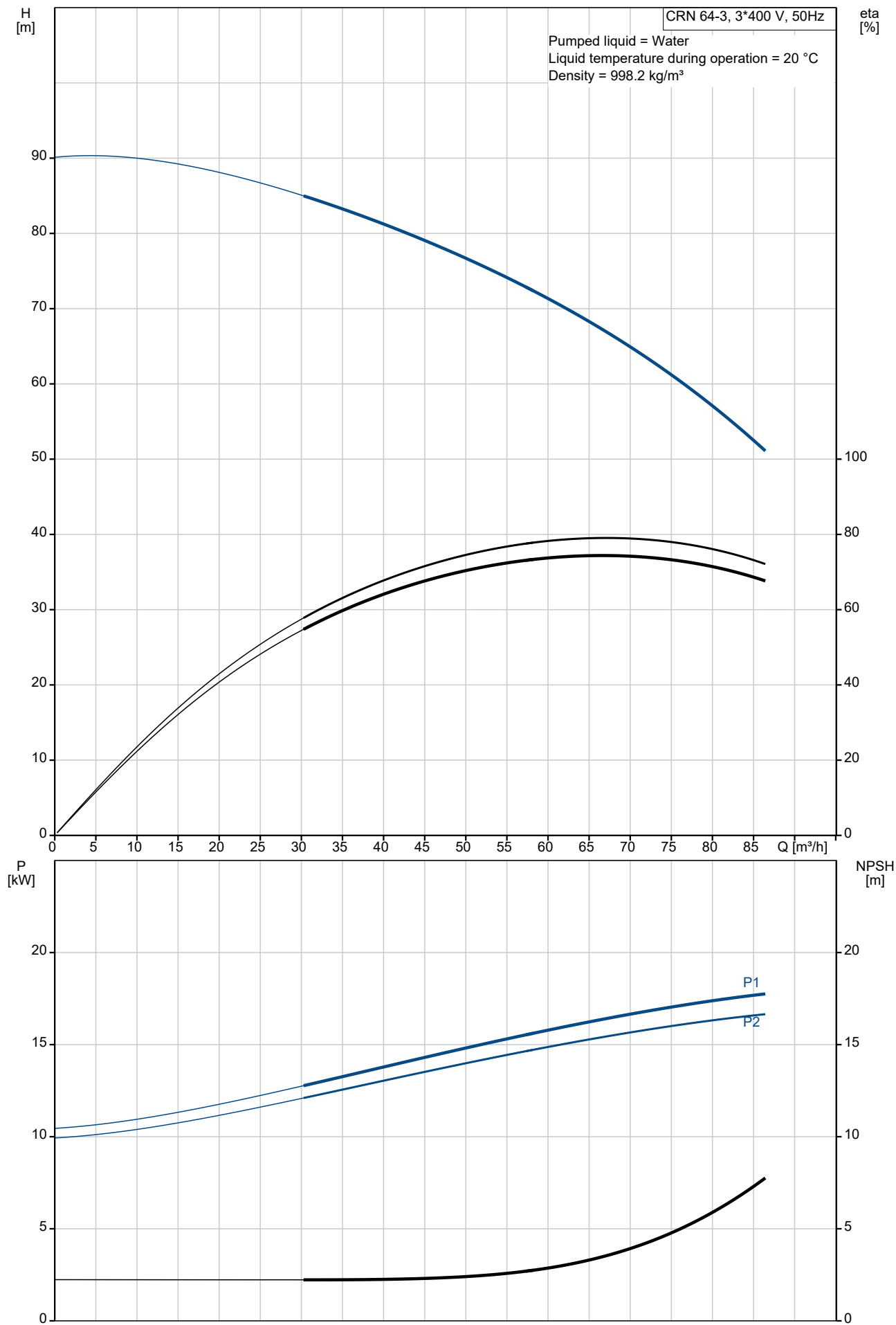


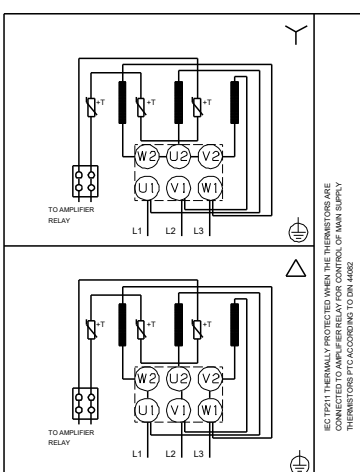
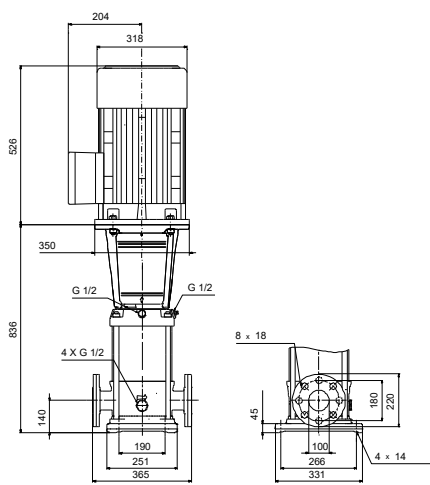
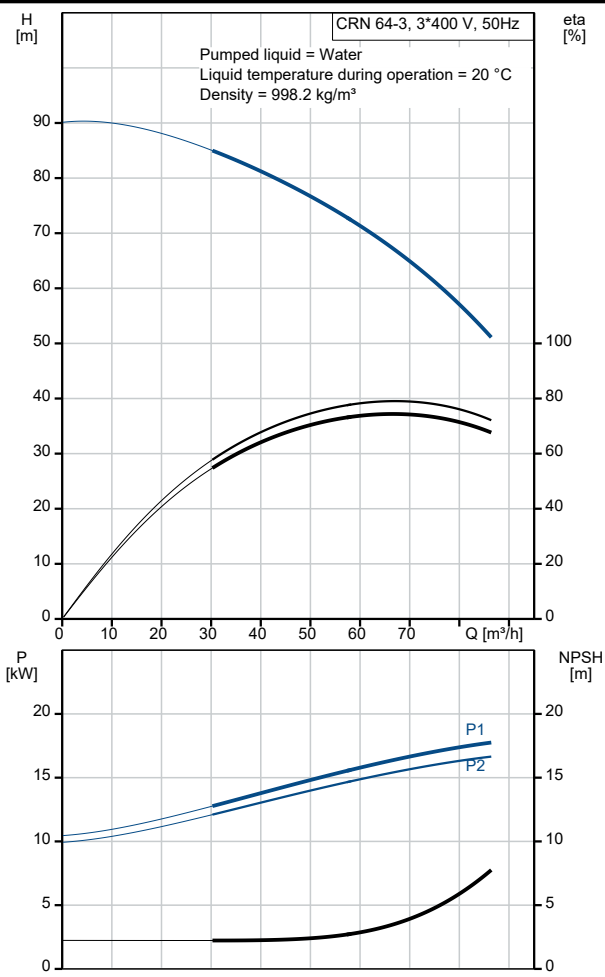
Qty.	Description
1	CRN 64-3 A-F-H-E-HQQE  Note! Product picture may differ from actual product Product No.: On request Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). Pump materials in contact with the liquid are in high-grade stainless steel. A cartridge 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: 2934 rpm Rated flow: 64 m³/h Rated head: 68 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: t max amb: 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 100 Size of outlet connection: DN 100 Pressure rating for connection: PN 16 Flange size for motor: FF300 Electrical data: Motor standard: IEC Motor type: 160LB IE Efficiency class: IE3 Rated power - P2: 18.5 kW Power (P2) required by pump: 18.5 kW Mains frequency: 50 Hz

Qty.	Description
1	Rated voltage: 3 x 380-415D/660-690Y V Rated current: 34,5-32,5/20,0-18,8 A Starting current: 830-980 % Cos phi - power factor: 0.89-0.85 Rated speed: 2940-2950 rpm Efficiency: IE3 92,4% Motor efficiency at full load: 92.4-92.4 % Motor efficiency at 3/4 load: 93.2 % Motor efficiency at 1/2 load: 93.2 % Number of poles: 2 Enclosure class (IEC 34-5): 55 Dust/Jetting Insulation class (IEC 85): F Motor No: 85U17528 Controls: Frequency converter: NONE Others: Minimum efficiency index, MEI $\geq$: 0.70 Net weight: 191 kg Gross weight: 224 kg Shipping volume: 0.495 m³ Country of origin: DK Custom tariff no.: 84137075

On request CRN 64-3 A-F-H-E-HQQE 50 Hz

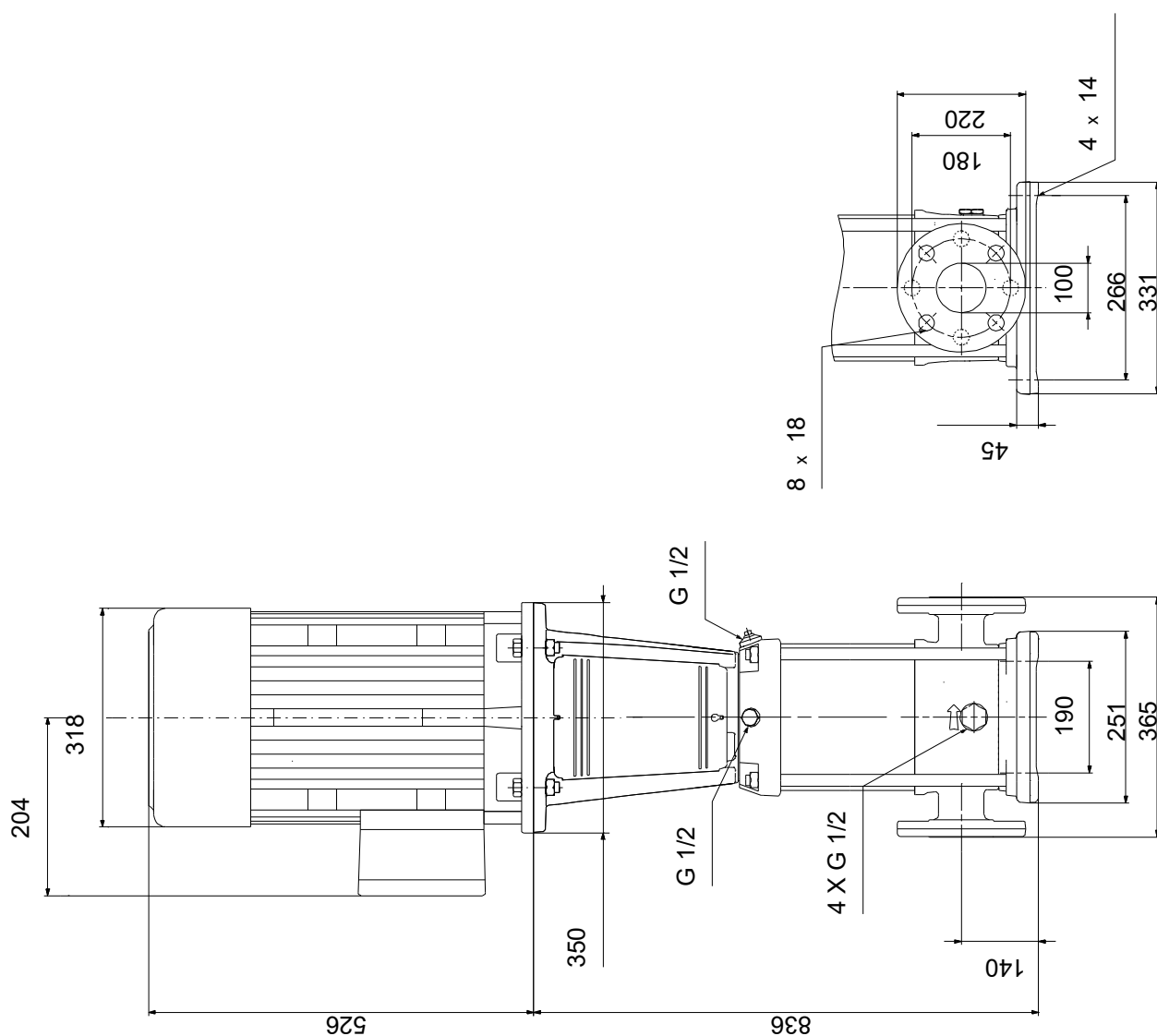


Description	Value		
General information:			
Product name:	CRN 64-3 A-F-H-E-HQQE		
Product No:	On request		
EAN number:	On request		
Technical:			
Pump speed on which pump data are based:	2934 rpm		
Rated flow:	64 m³/h		
Rated head:	68 m		
Maximum head:	90.3 m		
Stages:	3		
Impellers:	3		
Number of reduced-diameter impellers:	0		
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:	H		
Code for rubber:	E		
Bearing:	SIC		
Support bearing:	Graflon		
Installation:			
t max amb:	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 100		
Size of outlet connection:	DN 100		
Pressure rating for connection:	PN 16		
Flange size for motor:	FF300		
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:	160LB		
IE Efficiency class:	IE3		
Rated power - P2:	18.5 kW		
Power (P2) required by pump:	18.5 kW		
Mains frequency:	50 Hz		
Rated voltage:	3 x 380-415D/660-690Y V		
Rated current:	34,5-32,5/20,0-18,8 A		
Starting current:	830-980 %		
Cos phi - power factor:	0.89-0.85		
Rated speed:	2940-2950 rpm		
Efficiency:	IE3 92,4%		



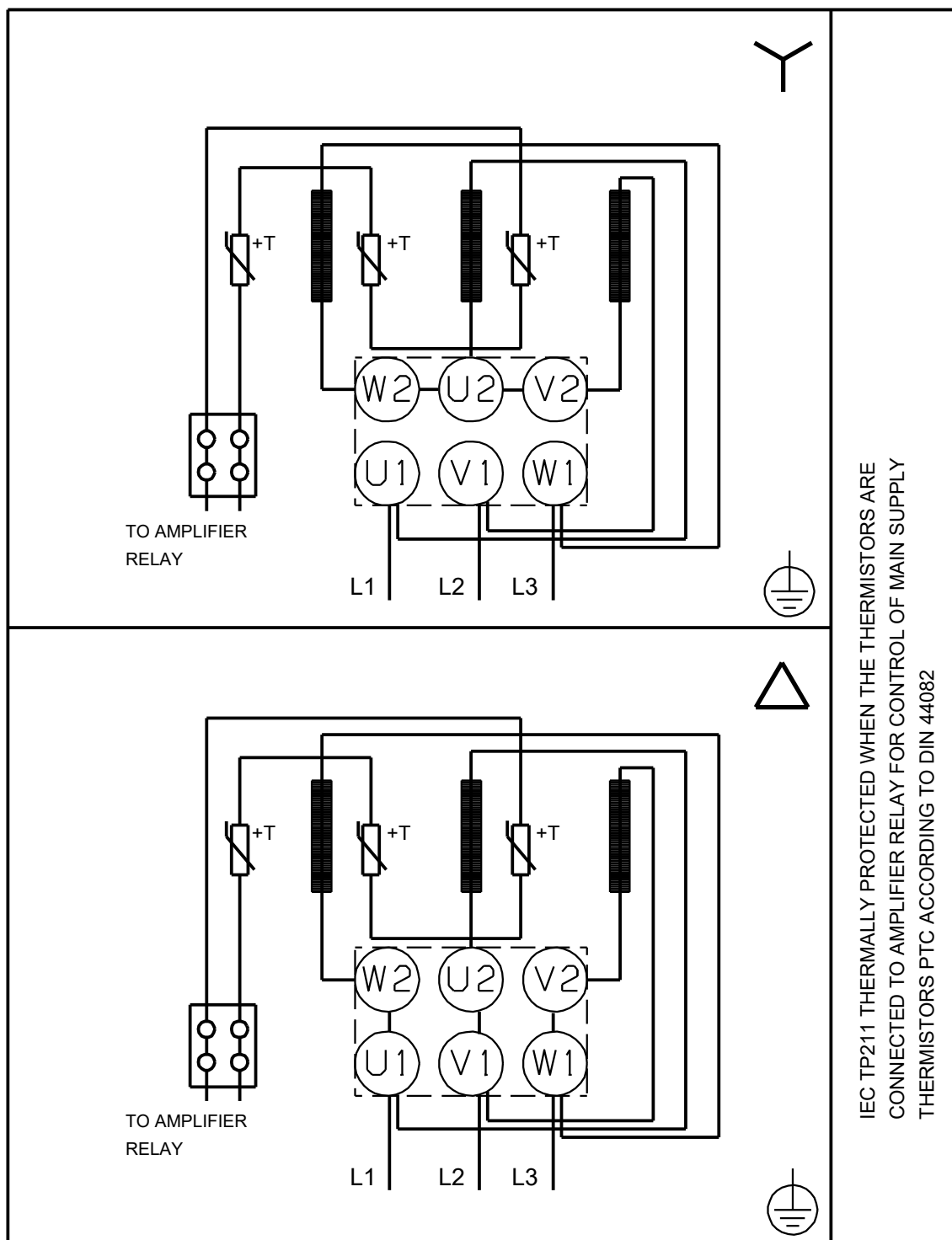
Description	Value
Motor efficiency at full load:	92.4-92.4 %
Motor efficiency at 3/4 load:	93.2 %
Motor efficiency at 1/2 load:	93.2 %
Number of poles:	2
Enclosure class (IEC 34-5):	55 Dust/Jetting
Insulation class (IEC 85):	F
Built-in motor protection:	PTC
Motor No:	85U17528
Controls:	
Frequency converter:	NONE
Others:	
Minimum efficiency index, MEI ≥:	0.70
Net weight:	191 kg
Gross weight:	224 kg
Shipping volume:	0.495 m³
Sales region:	Great Britain
Country of origin:	DK
Custom tariff no.:	84137075

On request CRN 64-3 A-F-H-E-HQQE 50 Hz



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

On request CRN 64-3 A-F-H-E-HQQE 50 Hz



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

Order Data:	
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Position	Your pos.	Product name	Amount	Product No	Total
		CRN 64-3	1	On request	Price on request