

CRN10-21 SF-P-G-E-HQQE 75kW 3x400D 50Hz

Grundfos Pump 96512200



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Please contact us for more information, or visit our website

<http://www.lenntech.com/grundfos/CRN10SF/96512200/CRN-10-21-SF-SF-P-G-E-HQQE.html>

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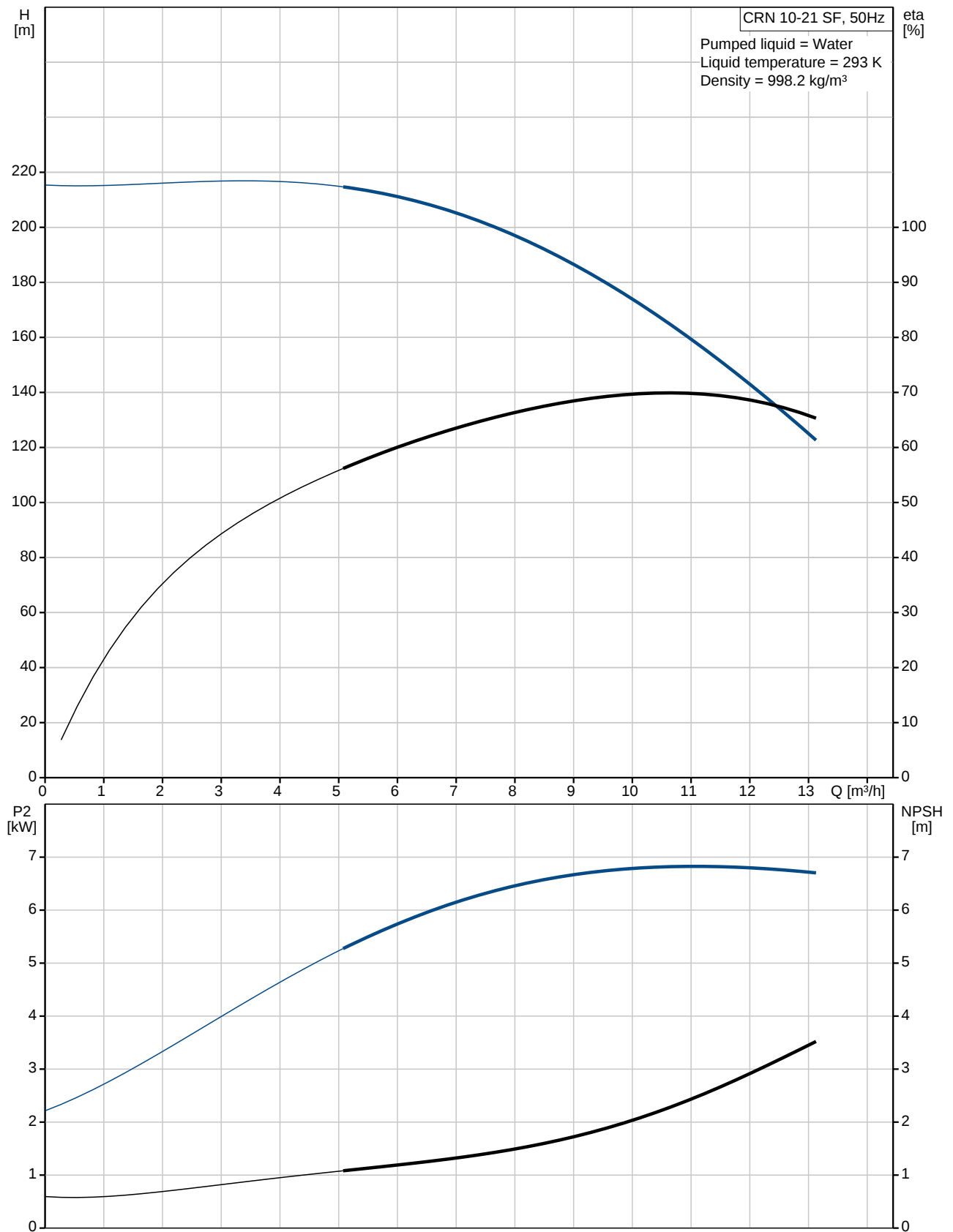
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Position	Qty.	Description
	1	CRN 10-21 SF SF-P-G-E-HQQE  Note! Product picture may differ from actual product Product No.: 96512200 Vertical, non-self-priming high-pressure pump with inline suction and discharge ports of identical diameter and reverse hydraulics and flow direction (high-pressure version). Pump hydraulics consisting of base, pump head of lost-wax cast stainless steel and stainless steel impellers with floating PTFE neck rings. Base and pump head are connected by means of staybolts and a stainless steel sleeve. Motor and pump shafts are connected via a balanced 2-part coupling. Hard-wearing cartridge shaft seal for easy replacement. Pumps of 11 kW and up with spacer coupling. Surface-cooled 3-phase motor with power and main dimensions according to DIN/IEC. Liquid: Pumped liquid: Water Liquid temperature range: 253 .. 393 K Liquid temp: 293 K Density: 998.2 kg/m³ Technical: Speed for pump data: 2919 rpm Rated flow: 10 m³/h Rated head: 173 m Shaft seal: HQQE Approvals on nameplate: CE, TR Curve tolerance: ISO 9906:1999 Annex A Materials: Pump housing: Stainless steel DIN W.-Nr. 1.4408 ASTM A 351 CF 8M Impeller: Stainless steel DIN W.-Nr. 1.4401 AISI 316 Installation: Maximum ambient temperature: 333 K Max pressure at stated temp: 50 bar / 120 °C 50 bar / -20 °C Minimum inlet pressure: 200 kPa

Position	Qty.	Description
		Flange standard: PJE Pipe connection: 60,1 mm Flange size for motor: FF265 Electrical data: Motor type: 132SB IE Efficiency class: IE3 Number of poles: 2 Rated power - P2: 7.5 kW Power (P2) required by pump: 7.5 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-415 D/660-690 Y V Rated current: 14,4-14,0/8,30-8,10 A Starting current: 780-910 % Cos phi - power factor: 0,88-0,82 Rated speed: 2910-2920 rpm Efficiency: IE3 90,1% Enclosure class (IEC 34-5): 55 (Protect. water jets/dust) Insulation class (IEC 85): F Others: Label: Grundfos Blueflux Minimum efficiency index, MEI ≥: 0.7 Net weight: 109 kg Gross weight: 130 kg

96512200 CRN 10-21 SF 50 Hz



Description	Value
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Product name: CRN 10-21 SF SF-P-G-E-HQQE

Product No: 96512200

EAN number: 5700396599113

Technical:

Speed for pump data: 2919 rpm
 Rated flow: 10 m³/h
 Rated head: 173 m
 Impellers: 21
 Shaft seal: HQQE
 Approvals on nameplate: CE, TR
 Curve tolerance: ISO 9906:1999 Annex A
 Stages: 21
 Pump version: SF
 Model: A

Materials:

Pump housing: Stainless steel
 DIN W.-Nr. 1.4408
 ASTM A 351 CF 8M
 Impeller: Stainless steel
 DIN W.-Nr. 1.4401
 AISI 316
 Material code: G
 Code for rubber: E

Installation:

Maximum ambient temperature: 333 K
 Max pressure at stated temp: 50 bar / 120 °C
 50 bar / -20 °C
 Minimum inlet pressure: 200 kPa
 Flange standard: PJE
 Connect code: P
 Pipe connection: 60,1 mm
 Flange size for motor: FF265

Liquid:

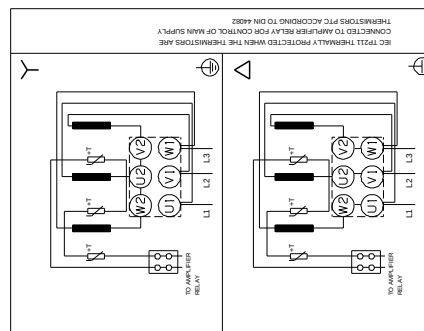
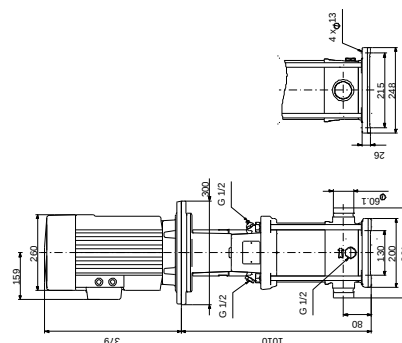
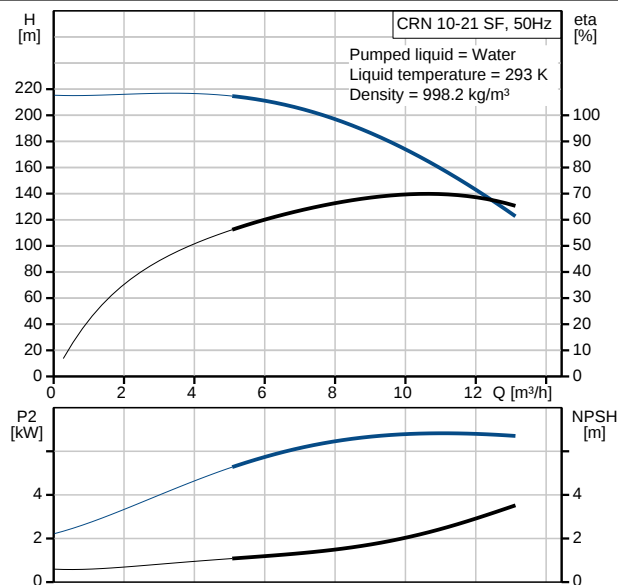
Pumped liquid: Water
 Liquid temperature range: 253 .. 393 K
 Liquid temp: 293 K
 Density: 998.2 kg/m³

Electrical data:

Motor type: 132SB
 IE Efficiency class: IE3
 Number of poles: 2
 Rated power - P2: 7.5 kW
 Power (P2) required by pump: 7.5 kW
 Mains frequency: 50 Hz
 Rated voltage: 3 x 380-415 D/660-690 Y V
 Rated current: 14,4-14,0/8,30-8,10 A
 Starting current: 780-910 %
 Cos phi - power factor: 0,88-0,82
 Rated speed: 2910-2920 rpm
 Efficiency: IE3 90,1%
 Enclosure class (IEC 34-5): 55 (Protect. water jets/dust)
 Insulation class (IEC 85): F
 Motor protec: PTC
 Motor No: 85905160

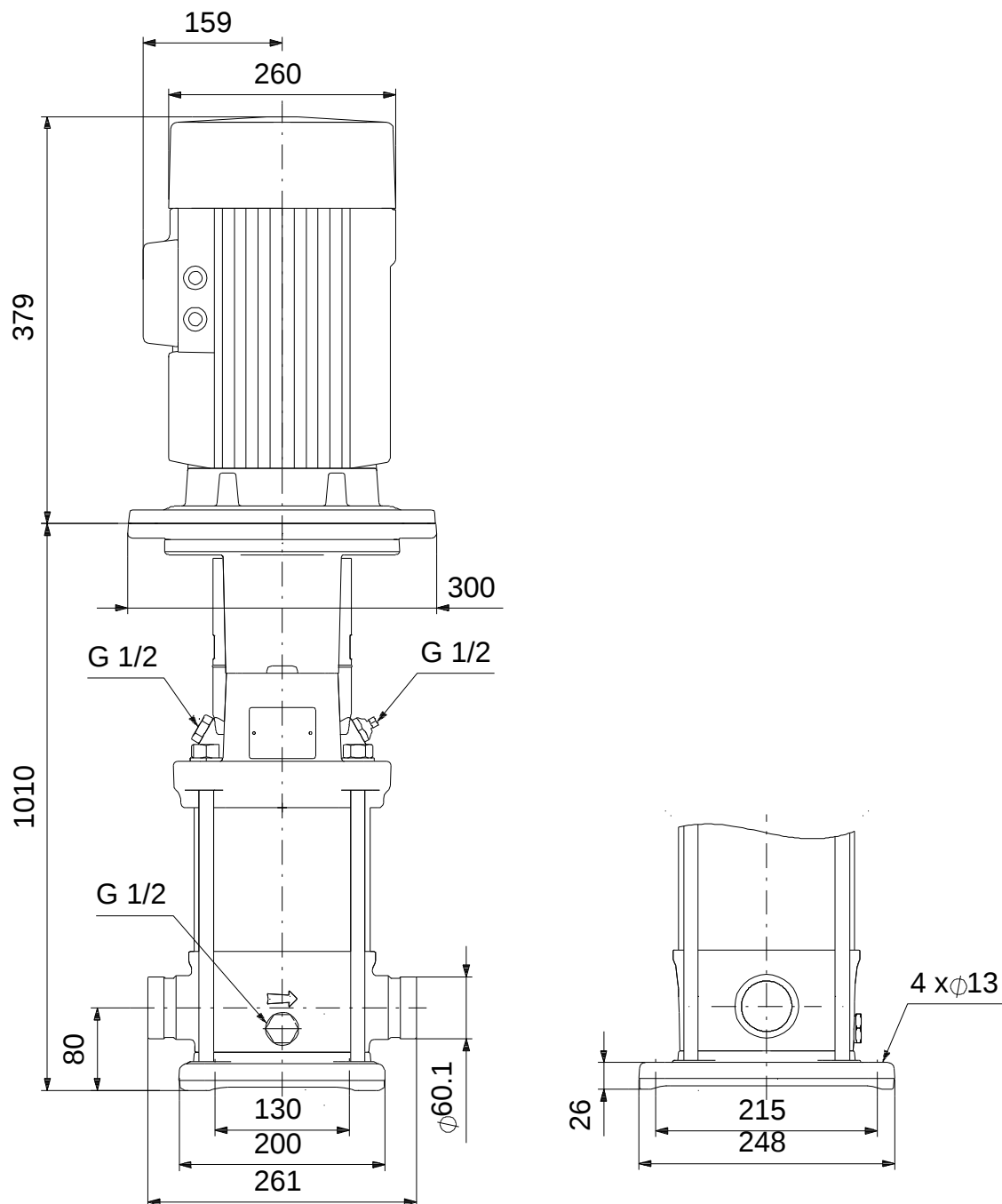
Others:

Label: Grundfos Blueflux



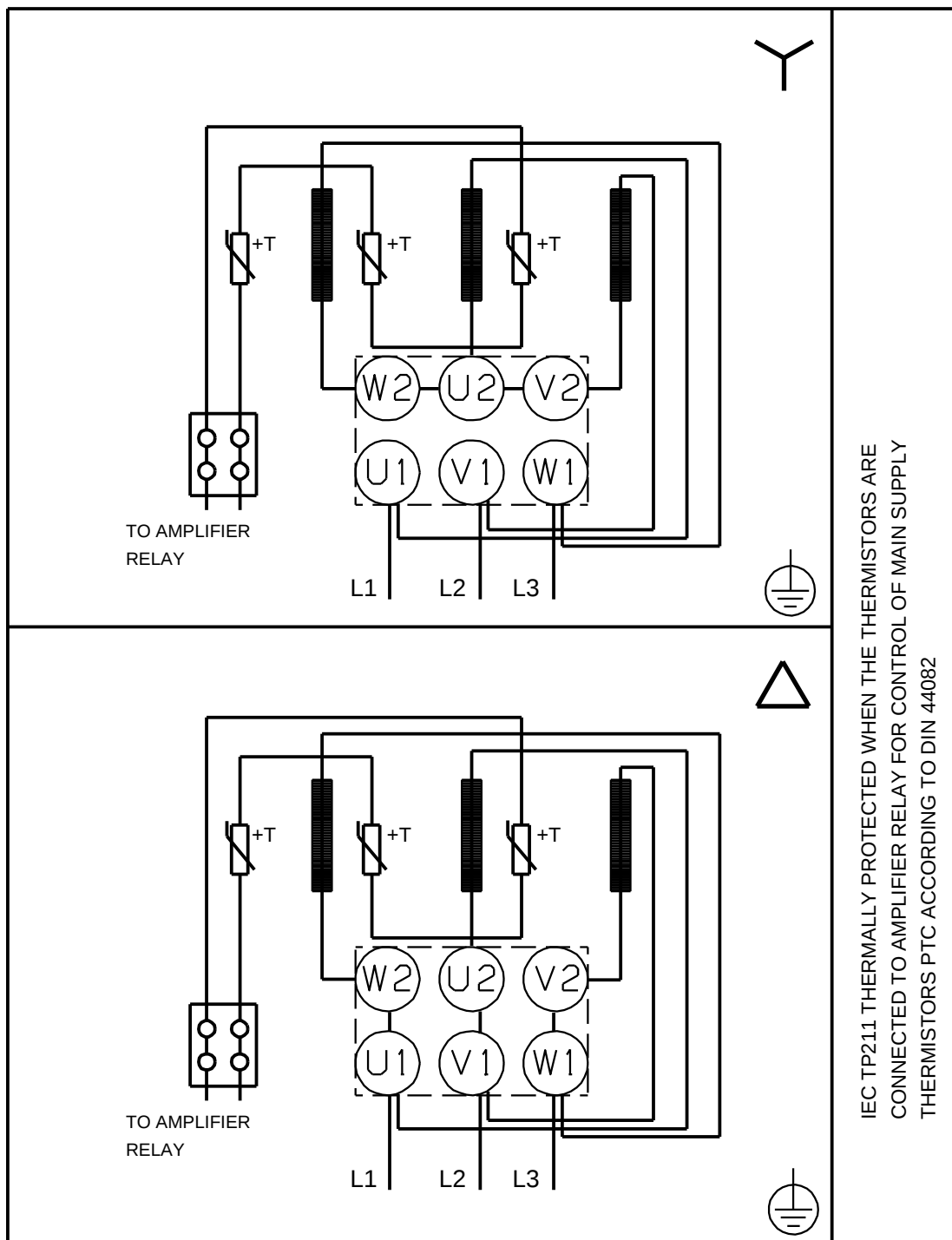
Description	Value
Minimum efficiency index, MEI $\geq$ 0.7	
Net weight:	109 kg
Gross weight:	130 kg

96512200 CRN 10-21 SF 50 Hz



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

96512200 CRN 10-21 SF 50 Hz



IEC TP211 THERMALLY PROTECTED WHEN THE THERMISTORS ARE
CONNECTED TO AMPLIFIER RELAY FOR CONTROL OF MAIN SUPPLY
THERMISTORS PTC ACCORDING TO DIN 44082

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

*Disclaimer: The information about the Grundfos pump in this document may be outdated.
Data may be subject to alterations without further notice.
Please contact us to verify the data above is still accurate/up-to-date.*

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