GRUNDFOS	**Company name:** **Created by:** **Phone:** **Date:** 12/11/2020

Qty.	Description
1	**SP 270-2D G**

Note! Product picture may differ from actual product

Product No.: 96430967

Multi-stage submersible pump for raw water supply, groundwater lowering, pressure boosting and varius industrial jobs.

The pump is suitable for pumping clean, thin, non-agressive liquids without solid particles or fibres.

Pump: The pump is made entirely of Cast iron DIN W.-Nr. EN-JL1040 and suitable for horizontal installation.

The pump is fitted with a built-in non-return valve.

Phase: The motor is a 3-phase motor with sand shield, liquid-lubricated bearings and pressure equalizing diaphragm.

Performance test according to ISO9906 2012 Grade 3B is available on request.

Liquid:
Pumped liquid: Water
Maximum liquid temperature: 40 °C
Max liquid t at 0.15 m/sec: 25 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:
Pump speed on which pump data are based: 2900 rpm
Rated flow: 270 m³/h
Rated head: 52 m
Type of impeller: D
Shaft seal for motor: CER/CARBON
Curve tolerance: ISO9906:2012 3B
Motor version: T30

Materials:
Pump: Cast iron
EN-JL1040
Impeller: Zinc-free bronze
DIN W.-Nr. 2.1050.01
Motor: Cast iron
DIN W.-Nr. 0.6025
ASTM 35-40

Installation:
Flange standard: DIN
Pump outlet: DN175
Motor diameter: 8 inch

Electrical data:

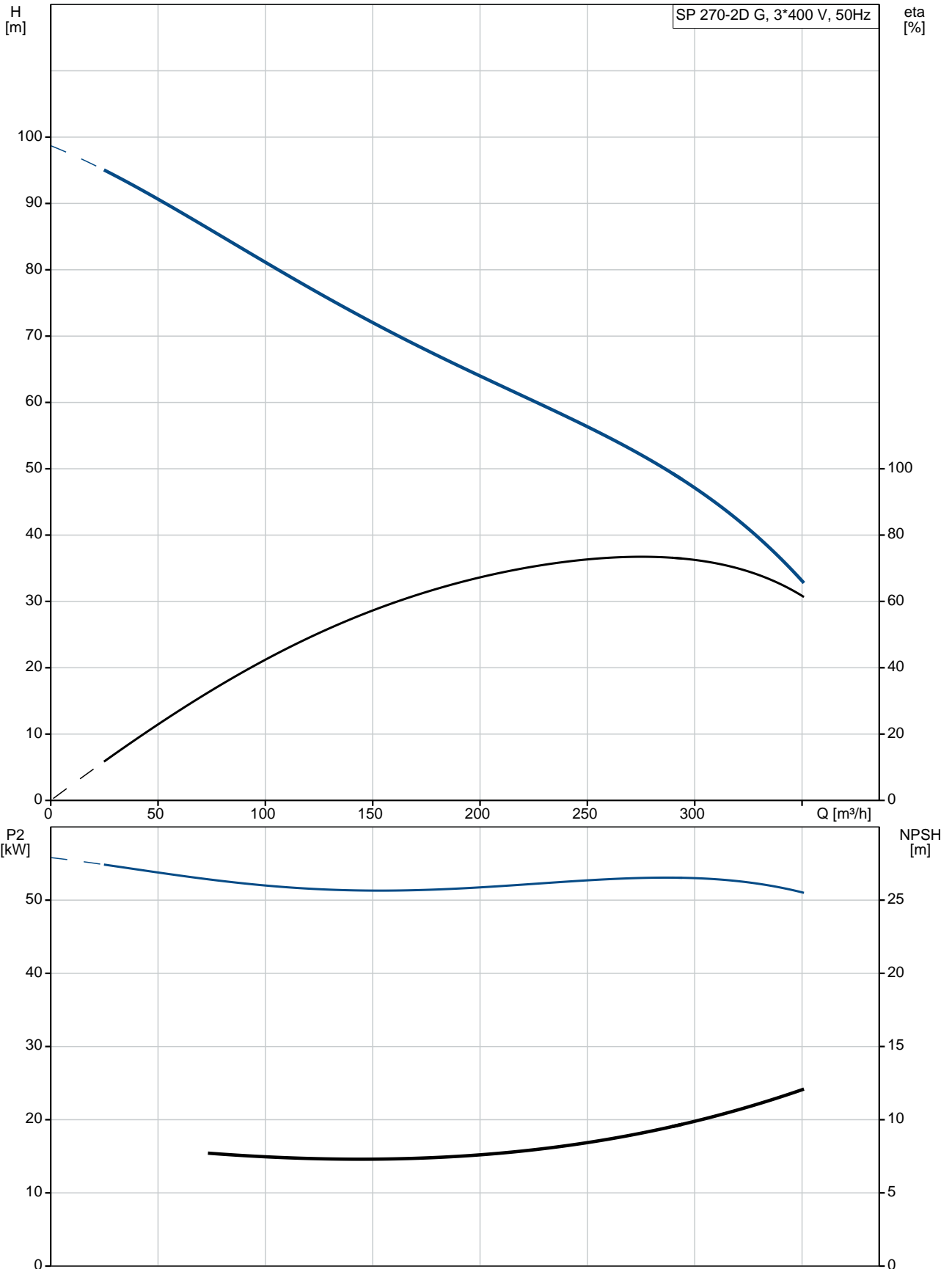| Qty.	Description

Motor type: MMS8000
Rated power - P2:   55 kW
Mains frequency: 50 Hz
Rated voltage: 3 x 380-400-415 V
Rated current: 116-114-112 A
Cos phi - power factor: 0.88-0.85-0.83
Rated speed: 2890-2900-2910 rpm
Start. method: direct-on-line
Enclosure class (IEC 34-5):   IP68
Built-in temp. transmitter: no
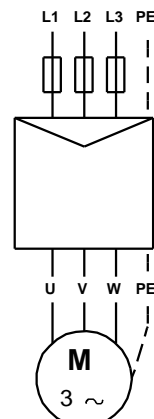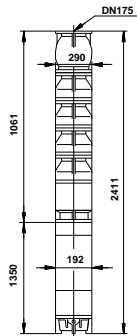Motor No: 96430672
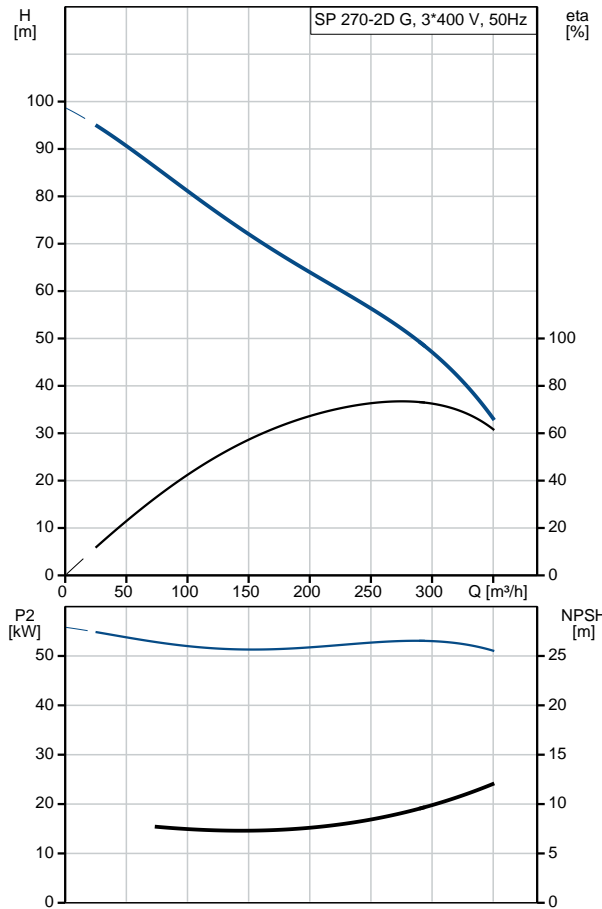Windings: PVC

Others:
Net weight: 357 kg
Shipping volume: 0.494 m³
Country of origin: IT
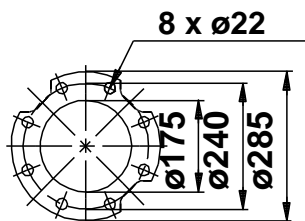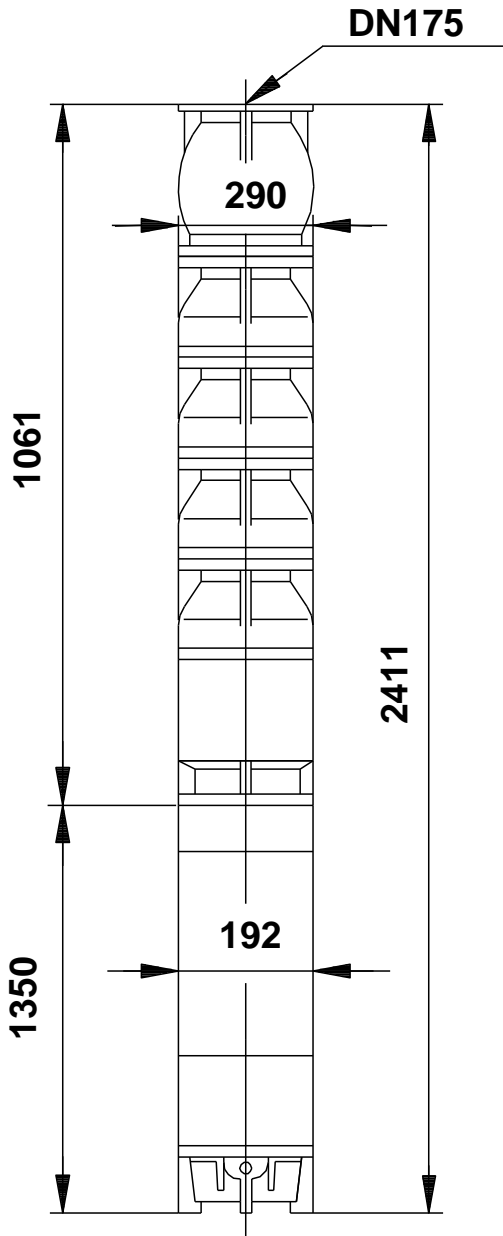Custom tariff no.:   84137029

GRUNDFOS

96430967 SP 270-2D G 50 Hz

SP 270-2D G, 3*400 V, 50Hz

Description	Value
General information:	
Product name:	SP 270-2D G
Product No:	96430967
EAN number:	5700392954268
Technical:	
Pump speed on which pump data are based:	2900 rpm
Rated flow:	270 m³/h
Rated head:	52 m
Stages:	2
Type of impeller:	D
Shaft seal for motor:	CER/CARBON
Curve tolerance:	ISO9906:2012 3B
Pump No:	96430858
Model:	A
Valve:	pump with built-in non-return valve
Motor version:	T30
Materials:	
Pump:	Cast iron
Pump:	EN-JL1040
Impeller:	Zinc-free bronze
Impeller:	DIN W.-Nr. 2.1050.01
Motor:	Cast iron
Motor:	DIN W.-Nr. 0.6025
Motor:	ASTM 35-40
Installation:	
Flange standard:	DIN
Pump outlet:	DN175
Motor diameter:	8 inch
Liquid:	
Pumped liquid:	Water
Maximum liquid temperature:	40 °C
Max liquid t at 0.15 m/sec:	25 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	MMS8000
Applic. motor:	GRUNDFOS
Rated power - P2:	55 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-400-415 V
Rated current:	116-114-112 A
Cos phi - power factor:	0.88-0.85-0.83
Rated speed:	2890-2900-2910 rpm
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Motor protec:	NONE
Thermal protec:	external
Built-in temp. transmitter:	no
Motor No:	96430672
Windings:	PVC
Others:	
Net weight:	357 kg
Shipping volume:	0.494 m³
Country of origin:	IT
Custom tariff no.:	84137029

SP 270-2D G, 3*400 V, 50Hz

96430967 SP 270-2D G 50 Hz

DN175

290

1061

2411

192

1350

8 x ø22

ø175
ø240
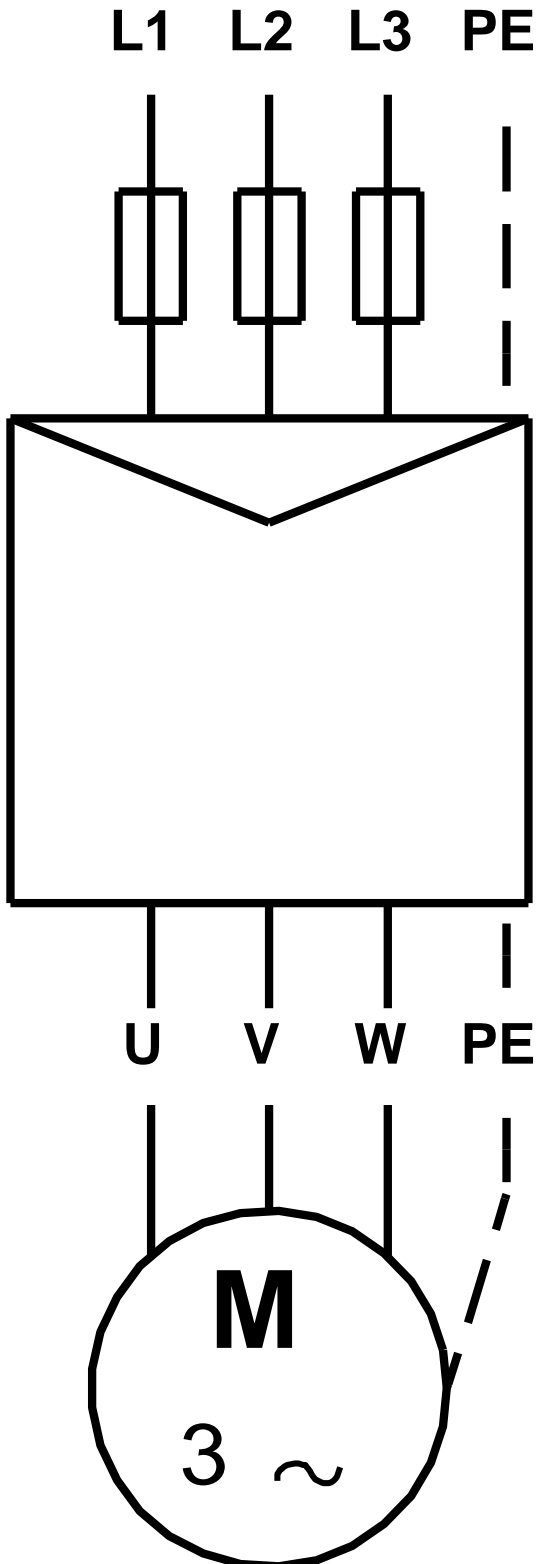ø285

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

GRUNDFOS

96430967 SP 270-2D G 50 Hz

L1 L2 L3 PE

U V W PE

M

3 ~

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