

Date: 12/11/2020

Qty. | Description

1 SP 300-3L G



Note! Product picture may differ from actual product

Product No.: 96430987

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:

Type of impeller:

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:

Motor type: MMS8000
Rated power - P2: 75 kW
Mains frequency: 50 Hz



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 Rated voltage:
 3 x 380-400-415 V

 Rated current:
 156-152-152 A

 Cos phi - power factor:
 0.89-0.86-0.84

 Rated speed:
 2900-2910-2920 rpm

Start. method: direct-on-line

Enclosure class (IEC 34-5): IP68
Built-in temp. transmitter: no
Motor No: 96430674
Windings: PVC

Others:

Net weight: 427 kg Shipping volume: 0.613 m³

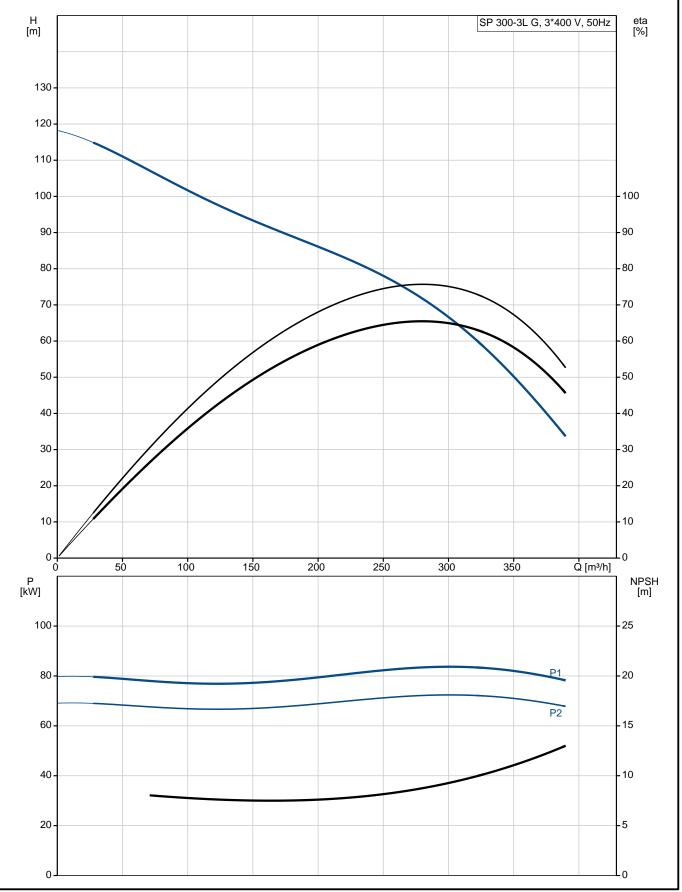
Country of origin: IT

Custom tariff no.: 84137029



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96430987 SP 300-3L G 50 Hz

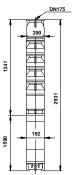




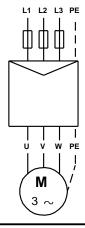
Date: 12/11/2020

Description	Value
General information:	
Product name:	SP 300-3L G
Product No:	96430987
EAN number:	5700393033221
Technical:	
Stages:	3
Type of impeller:	L
Shaft seal for motor:	CER/CARBON
Curve tolerance:	ISO9906:2012 3B
Pump No:	96430889
Valve:	pump with built-in non-return valve
Motor version:	T30
Materials:	
Pump:	Cast iron
Pump:	EN-JL1040
Impeller:	Zinc-free bronze
Impeller:	DIN WNr. 2.1050.01
Motor:	Cast iron
Motor:	DIN WNr. 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:	J
Motor type:	MMS8000
Applic. motor:	GRUNDFOS
Rated power - P2:	75 kW
Mains frequency:	50 Hz
Rated voltage:	3 x 380-400-415 V
Rated current:	156-152-152 A
Cos phi - power factor:	0.89-0.86-0.84
Rated speed:	2900-2910-2920 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:	96430674
Windings:	90430074 PVC
Others:	1 10
	407 kg
Net weight:	427 kg
Shipping volume:	0.613 m³
Country of origin: Custom tariff no.:	IT 94127020
Custom tann no.:	84137029

130 120 110 90 80 70 60 50 40 30 20 100 100 90 80 70 60 50 40 30 20 100 100 100 100 100 100 100	H [m]	SP 300-3L G, 3*400 V, 50H	z eta [%]
110 90 80 70 60 50 40 30 20 10 0 0 50 100 150 200 250 300 Q [m³/h] NPSH [m] 25	130 -		
100 90 80 70 60 50 40 30 20 10 0 50 100 150 200 250 300 Q [m³/h] NPSH [m] 25	120 -		
90 80 80 70 70 60 60 50 40 40 40 30 20 250 300 Q [m³/h] NPSH [m] 25 80 80 P1 20	110 -		
80 70 60 60 50 50 100 150 200 250 300 Q [m³/h] NPSH [m] 25	100 -		100
70 - 70 - 60 - 50 - 40 - 30 - 20 - 20 - 20 - 10 - 0 - 50 - 100 - 150 - 200 - 250 - 300 - Q [m³/h] NPSH [m] - 25 - 20 - 20 - 20 - 20 - 20 - 20 - 20	90 -		90
60	80 -		- 80
50 40 30 20 10 0 50 100 150 200 250 300 Q [m³/h] NPSH [m] 25	70 -		-70
40 30 20 10 0 50 100 150 200 250 300 Q [m ³ /h] NPSH [m] 100 80 P1 20	60 -		- 60
30 20 10 0 0 50 100 150 200 250 300 Q [m³/h] NPSH [m] 25 20	50 -		- 50
20 10 0 50 100 150 200 250 300 Q [m ³ /h] NPSH [m] 25 80	40 -		- 40
10	30 -		30
0 50 100 150 200 250 300 Q [m³/h] NPSH [m] 25 80 80 P1 20	20 -		20
P			10
P	0 -	0 50 100 150 200 250 300 Q [m³/t	⊥L ₀
00 - 20	P [kW]		NPSH [m]
	80 -	P1	20
60 P2 15	60 -	P2	- 15
40 10	40 -		10
20 - 5	20 -		- 5
0 0	0 -		<u></u> 0



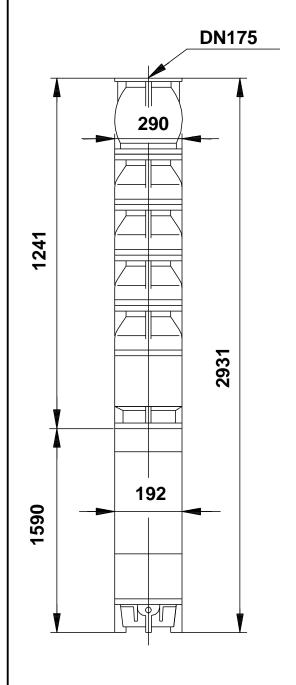


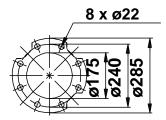




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96430987 SP 300-3L G 50 Hz



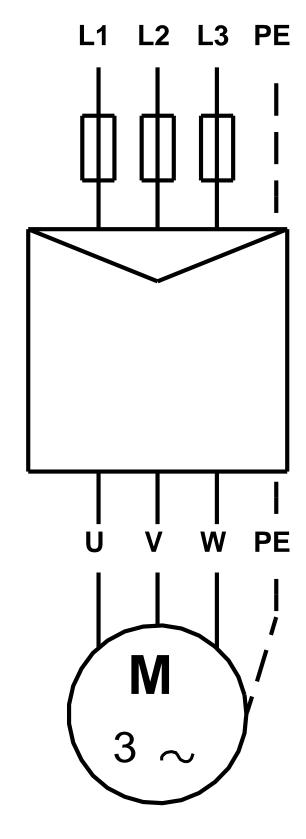


Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



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