

Date: 12/11/2020

Qty. | Description

1 SP 360-1A G



Note! Product picture may differ from actual product

Product No.: 96431004

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: A

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: 55 kW
Mains frequency: 50 Hz



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 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: 332 kg Shipping volume: 0.494 m³

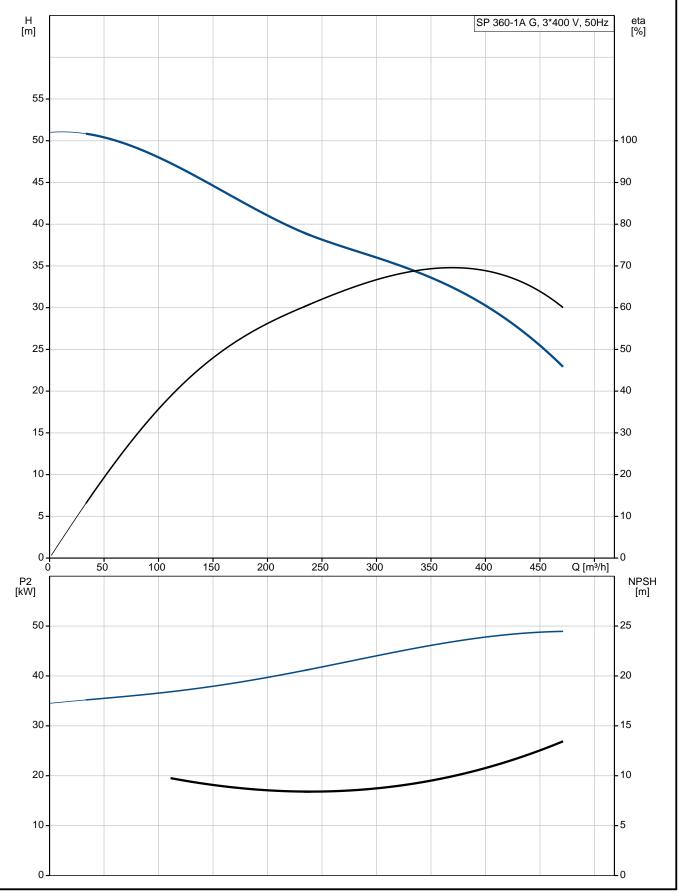
Country of origin: IT

Custom tariff no.: 84137029



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96431004 SP 360-1A G 50 Hz

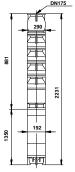




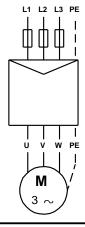
Date: 12/11/2020

Description	Value	
General information:		
Product name:	SP 360-1A G	
Product No:	96431004	
EAN number:	5700393033399	
Technical:		
Stages:	1	
Type of impeller:	A	
Shaft seal for motor:	CER/CARBON	
Curve tolerance:	ISO9906:2012 3B	
Pump No:	96430906	
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:		
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:	332 kg	
Shipping volume:	0.494 m ³	
Country of origin:	IT	
Custom tariff no.:	84137029	

H [m]		SP 360-1A G, 3*4	eta [%]
55 -			
50 -			100
45 -			90
40 -			-80
35 -			70
30			60
25 -			-50
20 -			- 40
15 -			-30
10			-20
5-			10
0 <u> /</u>	100 200	300 400	Q [m³/h]
P2 [kW] 50 -			NPSH [m] - 25
40			- 20
30 -			15
20 -			10
10			- 5
0			0
DN1	75		



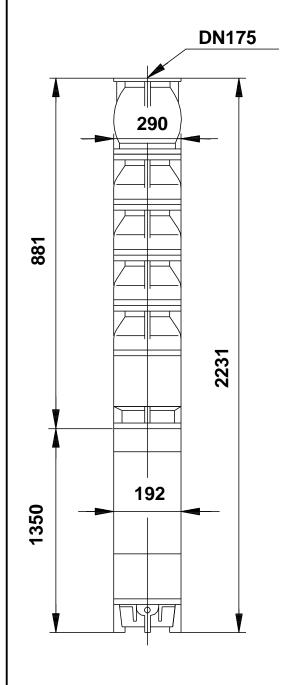


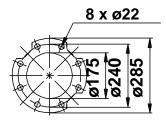




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96431004 SP 360-1A G 50 Hz



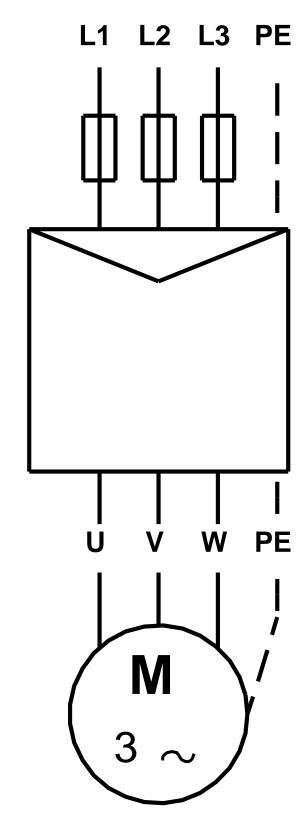


Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



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