

SP5A- 8NE 2.2kW 1x220V 50Hz

Grundfos Pump 5222108



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Please contact us for more information, or visit our website

<https://www.lenntech.com/grundfos/SPNE05/5222108/SP-5A-8NE.html>

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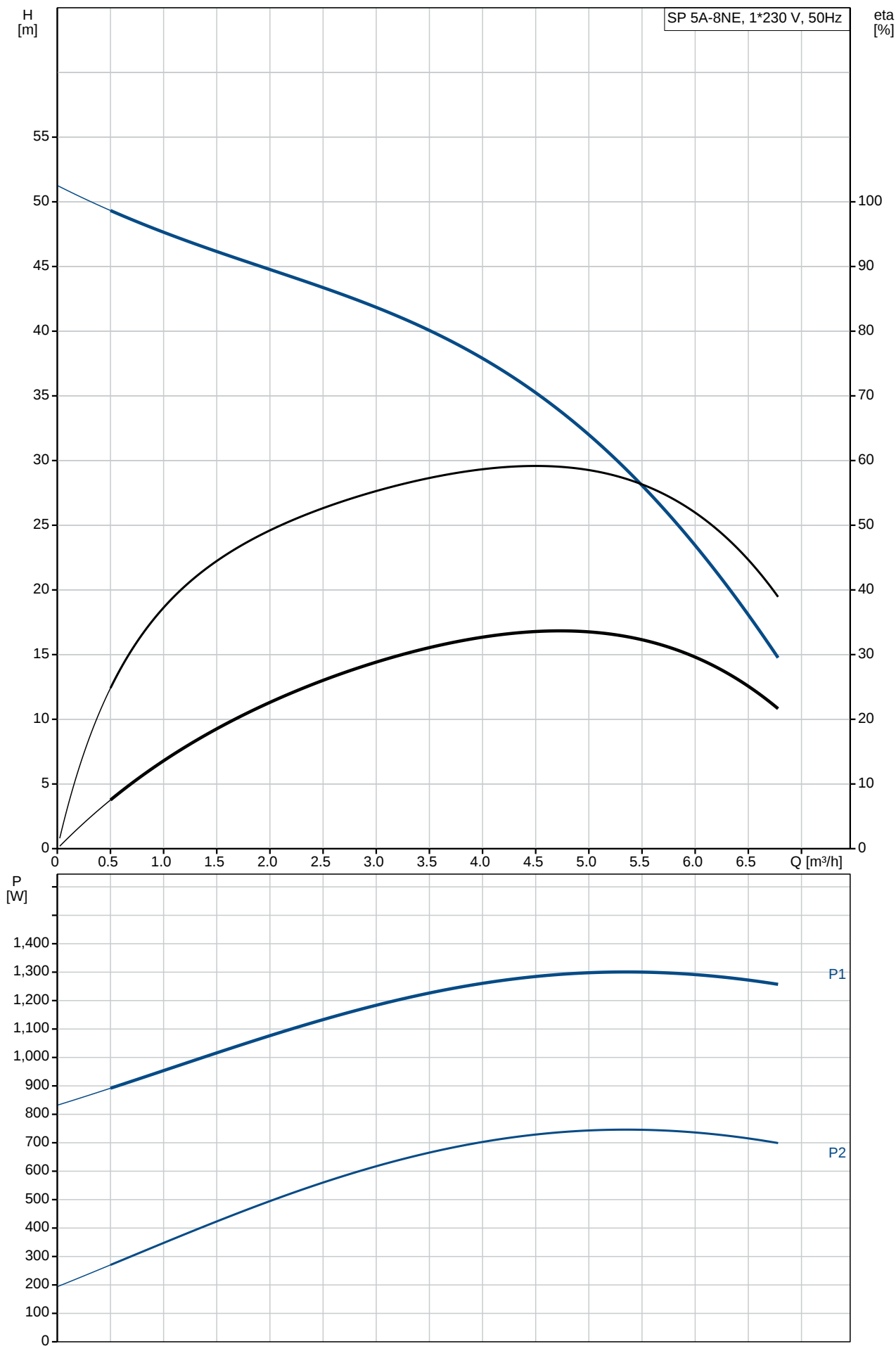
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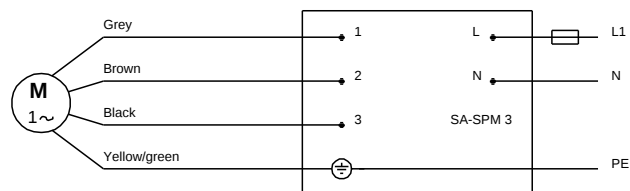
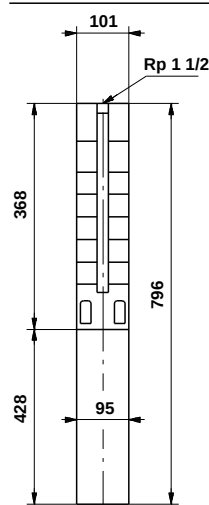
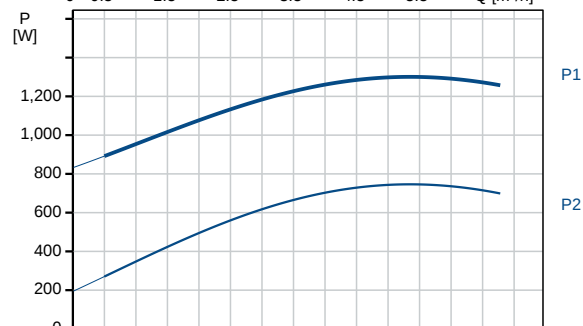
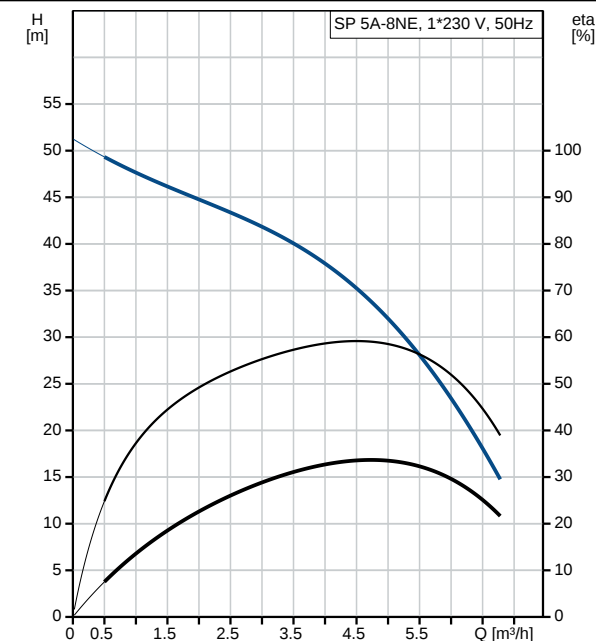
Position	Qty.	Description																																																				
	1	 Note! Product picture may differ from actual product Product No.: 5222108 Multi-stage submersible pump designed for pumping of chemically polluted groundwater. The pump is made entirely of Stainless steel DIN W.-Nr. DIN W.-Nr. 1.4401. The motor is a 1-phase motor with sand shield, mechanical shaft seal, liquid-lubricated bearings and pressure equalizing diaphragm. Pumpset delivered without motor cable. Motor cable to be ordered separately – EPR, Teflon or XLPE. Liquid: <table><tr><td>Pumped liquid:</td><td>Water</td></tr><tr><td>Max liquid t at 0.15 m/sec:</td><td>40 °C</td></tr><tr><td>Liquid temperature during operation:</td><td>20 °C</td></tr><tr><td>Density:</td><td>998.2 kg/m³</td></tr></table> Technical: <table><tr><td>Speed for pump data:</td><td>2900 rpm</td></tr><tr><td>Rated flow:</td><td>5 m³/h</td></tr><tr><td>Rated head:</td><td>33 m</td></tr><tr><td>Shaft seal for motor:</td><td>SIC/SIC</td></tr><tr><td>Curve tolerance:</td><td>ISO9906:2012 3B</td></tr></table> Materials: <table><tr><td>Pump:</td><td>Stainless steel DIN W.-Nr. 1.4401 AISI 316</td></tr><tr><td>Impeller:</td><td>Stainless steel DIN W.-Nr. 1.4401 AISI 316</td></tr><tr><td>Motor:</td><td>Stainless steel DIN W.-Nr. 1.4539 AISI 904 L</td></tr></table> Installation: <table><tr><td>Pump outlet:</td><td>Rp 1 1/2</td></tr><tr><td>Motor diameter:</td><td>4 inch</td></tr></table> Electrical data: <table><tr><td>Motor type:</td><td>MS4000</td></tr><tr><td>Type of motor:</td><td>CSCR</td></tr><tr><td>Rated power - P2:</td><td>2.2 kW</td></tr><tr><td>Mains frequency:</td><td>50 Hz</td></tr><tr><td>Rated voltage:</td><td>1 x 220-230 V</td></tr><tr><td>Rated current:</td><td>14.6-14,0 A</td></tr><tr><td>Cos phi - power factor:</td><td>0.96-0,96</td></tr><tr><td>Rated speed:</td><td>2850-2870 rpm</td></tr><tr><td>Start. method:</td><td>direct-on-line</td></tr><tr><td>Enclosure class (IEC 34-5):</td><td>IP68</td></tr><tr><td>Insulation class (IEC 85):</td><td>F</td></tr><tr><td>Built-in temp. transmitter:</td><td>no</td></tr></table>	Pumped liquid:	Water	Max liquid t at 0.15 m/sec:	40 °C	Liquid temperature during operation:	20 °C	Density:	998.2 kg/m³	Speed for pump data:	2900 rpm	Rated flow:	5 m³/h	Rated head:	33 m	Shaft seal for motor:	SIC/SIC	Curve tolerance:	ISO9906:2012 3B	Pump:	Stainless steel DIN W.-Nr. 1.4401 AISI 316	Impeller:	Stainless steel DIN W.-Nr. 1.4401 AISI 316	Motor:	Stainless steel DIN W.-Nr. 1.4539 AISI 904 L	Pump outlet:	Rp 1 1/2	Motor diameter:	4 inch	Motor type:	MS4000	Type of motor:	CSCR	Rated power - P2:	2.2 kW	Mains frequency:	50 Hz	Rated voltage:	1 x 220-230 V	Rated current:	14.6-14,0 A	Cos phi - power factor:	0.96-0,96	Rated speed:	2850-2870 rpm	Start. method:	direct-on-line	Enclosure class (IEC 34-5):	IP68	Insulation class (IEC 85):	F	Built-in temp. transmitter:	no
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Position	Qty.	Description
		Others: Minimum efficiency index, MEI ≥: 0.50 Net weight: 19.8 kg

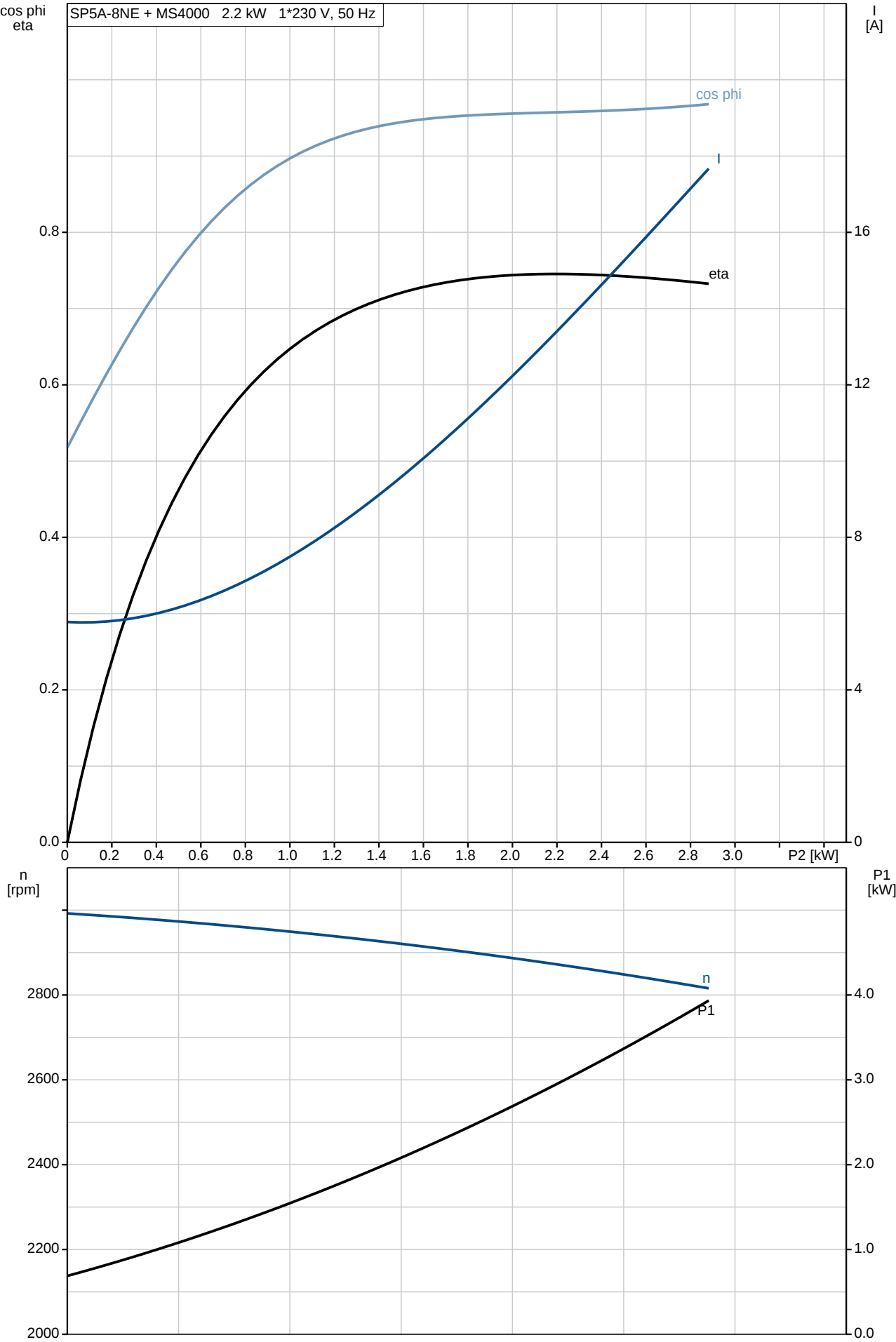
5222108 SP 5A-8NE 50 Hz



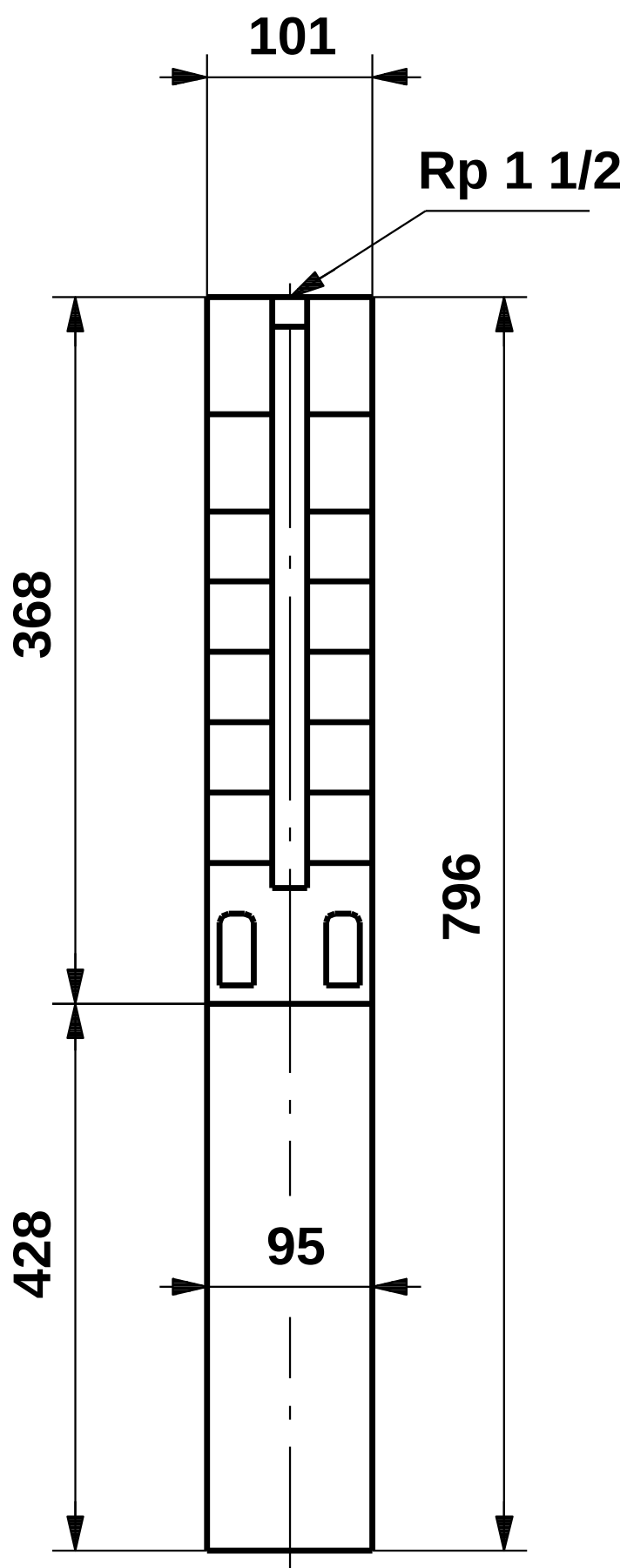
Description	Value
General information:	
Product name:	SP 5A-8NE
Product No:	5222108
EAN number:	5700390241827
Technical:	
Speed for pump data:	2900 rpm
Rated flow:	5 m³/h
Rated head:	33 m
Stages:	8
Shaft seal for motor:	SIC/SIC
Curve tolerance:	ISO9906:2012 3B
Pump No:	05220008
Model:	A
Valve:	no non-return valve
Materials:	
Pump:	Stainless steel DIN W.-Nr. 1.4401 AISI 316
Impeller:	Stainless steel DIN W.-Nr. 1.4401 AISI 316
Motor:	Stainless steel DIN W.-Nr. 1.4539 AISI 904 L
Installation:	
Pump outlet:	Rp 1 1/2
Motor diameter:	4 inch
Liquid:	
Pumped liquid:	Water
Max liquid t at 0.15 m/sec:	40 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Motor type:	MS4000
Type of motor:	CSCR
Rated power - P2:	2.2 kW
Mains frequency:	50 Hz
Rated voltage:	1 x 220-230 V
Rated current:	14.6-14,0 A
Cos phi - power factor:	0.96-0,96
Rated speed:	2850-2870 rpm
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protec:	NONE
Thermal protec:	external
Built-in temp. transmitter:	no
Motor No:	79214407
Others:	
Minimum efficiency index, MEI ≥:	0.50
Net weight:	19.8 kg



5222108 SP 5A-8NE 50 Hz

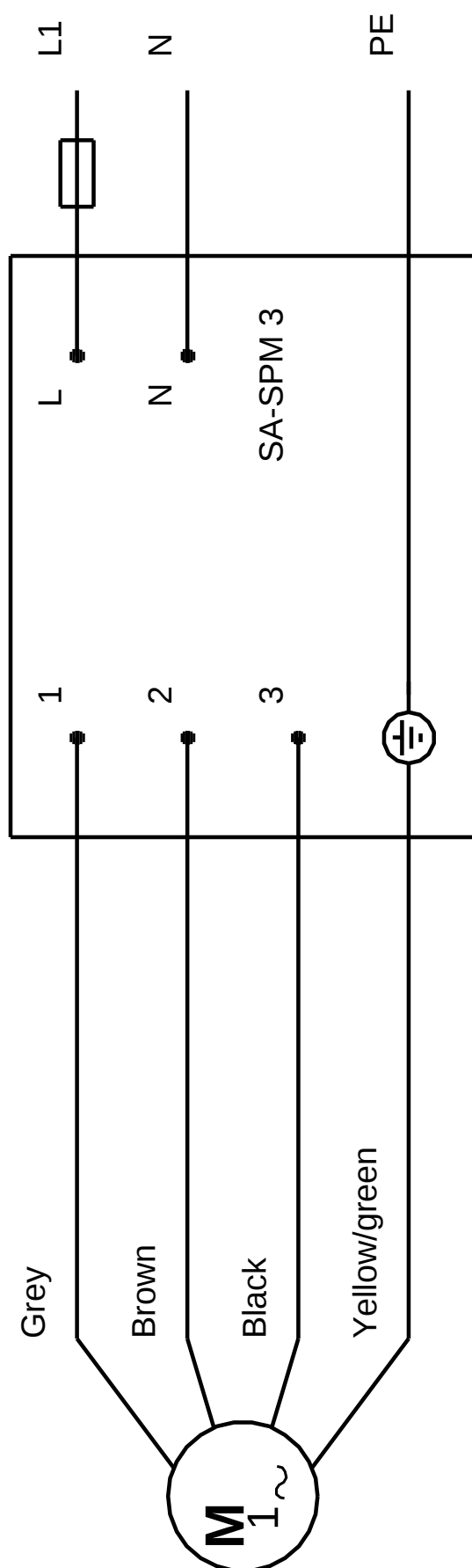


5222108 SP 5A-8NE 50 Hz



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

5222108 SP 5A-8NE 50 Hz



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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