


Count	Description																																
1	<p data-bbox="225 342 336 365"><b>SP 5A-85</b></p> <div data-bbox="225 371 606 795" style="text-align: center;">  <p data-bbox="619 770 1070 792">Product photo could vary from the actual product</p> </div> <p data-bbox="225 801 478 824">Product No.: <a href="#">5301985</a></p> <p data-bbox="225 831 831 947">Multi-stage submersible pump for raw water supply, groundwater lowering and pressure boosting. The pump is suitable for pumping clean, thin, non-aggressive liquids without solid particles or fibers.</p> <p data-bbox="225 981 767 1095">The pump is made entirely of Stainless steel DIN W.-Nr. EN 1.4301 and suitable for horizontal and vertical installation. The pump is fitted with a built-in non-return valve.</p> <p data-bbox="225 1128 767 1216">The motor is a 3-phase motor of the canned type with a sand shield, liquid-lubricated bearings and pressure-equalizing diaphragm.</p> <p data-bbox="225 1249 311 1272"><b>Liquid:</b></p> <table data-bbox="225 1279 735 1424"> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Maximum liquid temperature:</td> <td>104 °F</td> </tr> <tr> <td>Max liquid temperature at 0.15 m/sec:</td> <td>104 °F</td> </tr> <tr> <td>Selected liquid temperature:</td> <td>68 °F</td> </tr> <tr> <td>Density:</td> <td>62.29 lb/ft<sup>3</sup></td> </tr> </table> <p data-bbox="225 1458 347 1480"><b>Technical:</b></p> <table data-bbox="225 1487 826 1722"> <tr> <td>Pump speed on which pump data is based:</td> <td>2900 rpm</td> </tr> <tr> <td>Rated flow:</td> <td>22 US gpm</td> </tr> <tr> <td>Rated head:</td> <td>1142 ft</td> </tr> <tr> <td>Shaft seal for motor:</td> <td>CER/CARNBR</td> </tr> <tr> <td>Approvals on nameplate:</td> <td>CE,GOST2</td> </tr> <tr> <td>Curve tolerance:</td> <td>ISO9906:2012 3B</td> </tr> <tr> <td>Motor version:</td> <td>T40</td> </tr> <tr> <td>Specification for shaft end:</td> <td>CYLINDRICAL</td> </tr> </table> <p data-bbox="225 1756 343 1778"><b>Materials:</b></p> <table data-bbox="225 1785 794 2047"> <tr> <td>Pump:</td> <td>Stainless steel EN 1.4301 AISI 304</td> </tr> <tr> <td>Impeller:</td> <td>Stainless steel EN 1.4301 AISI 304</td> </tr> <tr> <td>Motor:</td> <td>Stainless steel DIN W.-Nr. 1.4301 AISI 304</td> </tr> </table> <p data-bbox="225 2080 368 2103"><b>Installation:</b></p>	Pumped liquid:	Water	Maximum liquid temperature:	104 °F	Max liquid temperature at 0.15 m/sec:	104 °F	Selected liquid temperature:	68 °F	Density:	62.29 lb/ft <sup>3</sup>	Pump speed on which pump data is based:	2900 rpm	Rated flow:	22 US gpm	Rated head:	1142 ft	Shaft seal for motor:	CER/CARNBR	Approvals on nameplate:	CE,GOST2	Curve tolerance:	ISO9906:2012 3B	Motor version:	T40	Specification for shaft end:	CYLINDRICAL	Pump:	Stainless steel EN 1.4301 AISI 304	Impeller:	Stainless steel EN 1.4301 AISI 304	Motor:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
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Company name:

Created by:

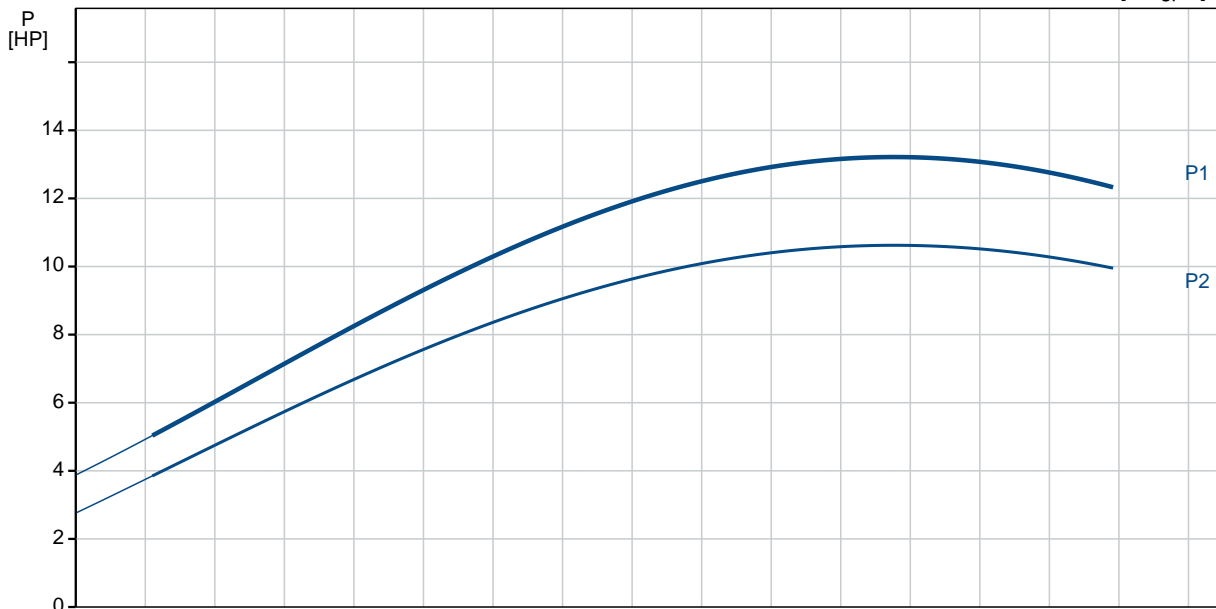
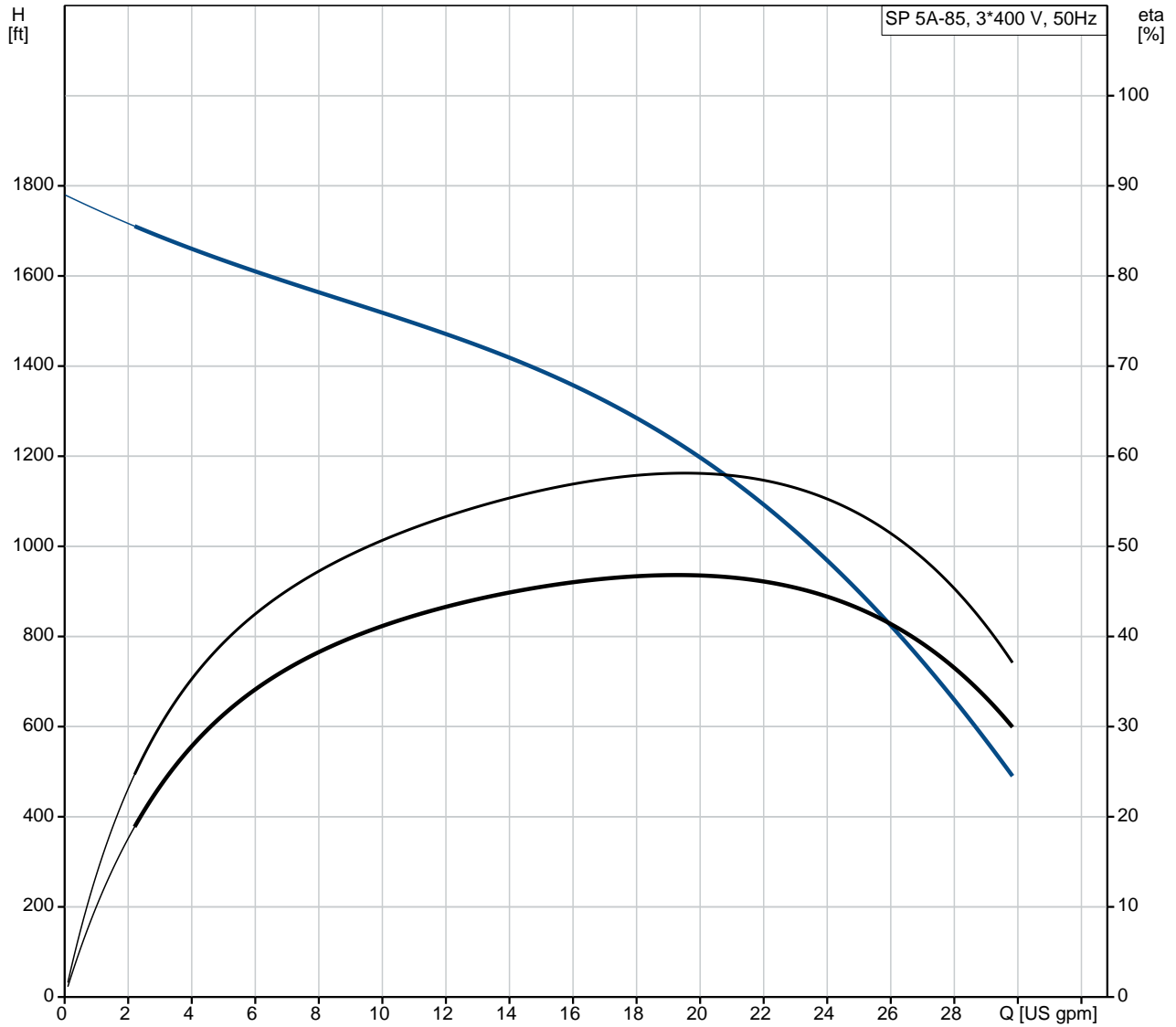
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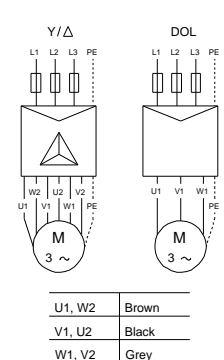
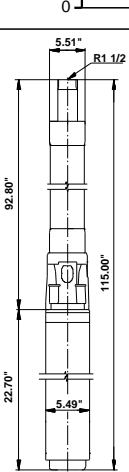
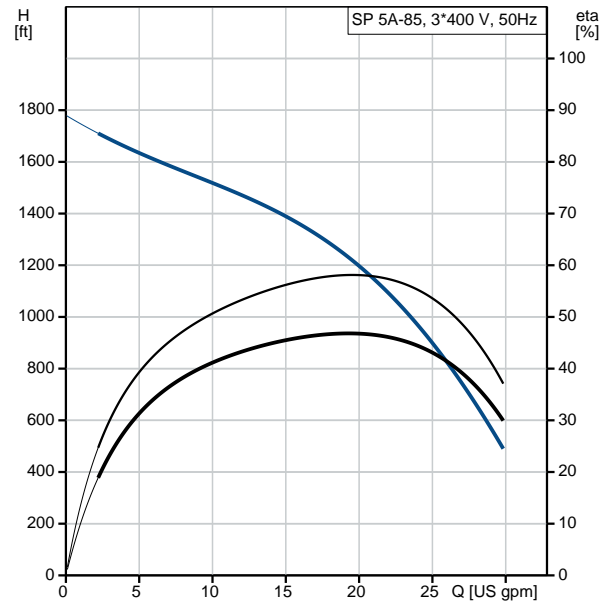
6/12/2019

Count	Description
	Pump outlet: R1 1/2
	Motor diameter: 6 inch
	<b>Electrical data:</b>
	Motor type: MS6000
	Rated power - P2: 10 HP
	Power (P2) required by pump: 10 HP
	Main frequency: 50 Hz
	Rated voltage: 3 x 380-400-415 V
	Rated current: 17.8-17.2-17.2 A
	Starting current: 460-510-530 %
	Cos phi - power factor: 0.84-0.82-0.79
	Rated speed: 2850-2870-2880 rpm
	Start. method: direct-on-line
	Enclosure class (IEC 34-5): IP68
	Insulation class (IEC 85): F
	Built-in temperature transmitter: yes
	Motor Number: 78195512
	<b>Others:</b>
	Minimum efficiency index, MEI : 0.50
	ErP status: EuP Standalone/Prod.
	Net weight: 202 lb
	Gross weight: 269 lb
	Shipping volume: 7890 ft <sup>3</sup>

## 5301985 SP 5A-85 50 Hz



Description	Value
<b>General information:</b>	
Product name:	SP 5A-85
Product No.:	5301985
EAN:	5700390244026
<b>Technical:</b>	
Pump speed on which pump data is based:	2900 rpm
Rated flow:	22 US gpm
Rated head:	1142 ft
Stages:	85
Impeller reduc.:	NONE
Shaft seal for motor:	CER/CARNBR
Approvals on nameplate:	CE,GOST2
Curve tolerance:	ISO9906:2012 3B
Model:	A
Valve:	YES
Motor version:	T40
Specification for shaft end:	CYLINDRICAL
<b>Materials:</b>	
Pump:	Stainless steel EN 1.4301 AISI 304
Impeller:	Stainless steel EN 1.4301 AISI 304
Motor:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
<b>Installation:</b>	
Pump outlet:	R1 1/2
Motor diameter:	6 inch
<b>Liquid:</b>	
Pumped liquid:	Water
Maximum liquid temperature:	104 °F
Max liquid temperature at 0.15 m/sec:	104 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft <sup>3</sup>
<b>Electrical data:</b>	
Motor type:	MS6000
Applic. motor:	GRUNDFOS
Rated power - P2:	10 HP
Power (P2) required by pump:	10 HP
Main frequency:	50 Hz
Rated voltage:	3 x 380-400-415 V
Rated current:	17.8-17.2-17.2 A
Starting current:	460-510-530 %
Cos phi - power factor:	0.84-0.82-0.79
Rated speed:	2850-2870-2880 rpm
Start. method:	direct-on-line
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protection:	NONE
Thermal protec:	external
Built-in temperature transmitter:	yes
Motor Number:	78195512
<b>Others:</b>	
Minimum efficiency index, MEI :	0.50
ErP status:	EuP Standalone/Prod.





Company name:

Created by:

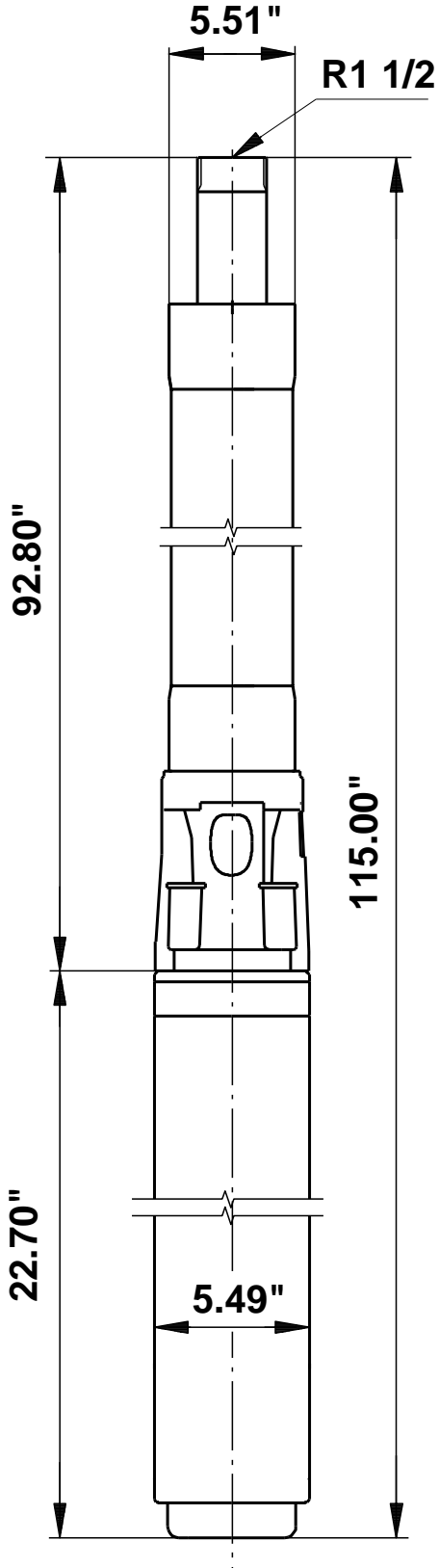
Phone:

Date:

6/12/2019

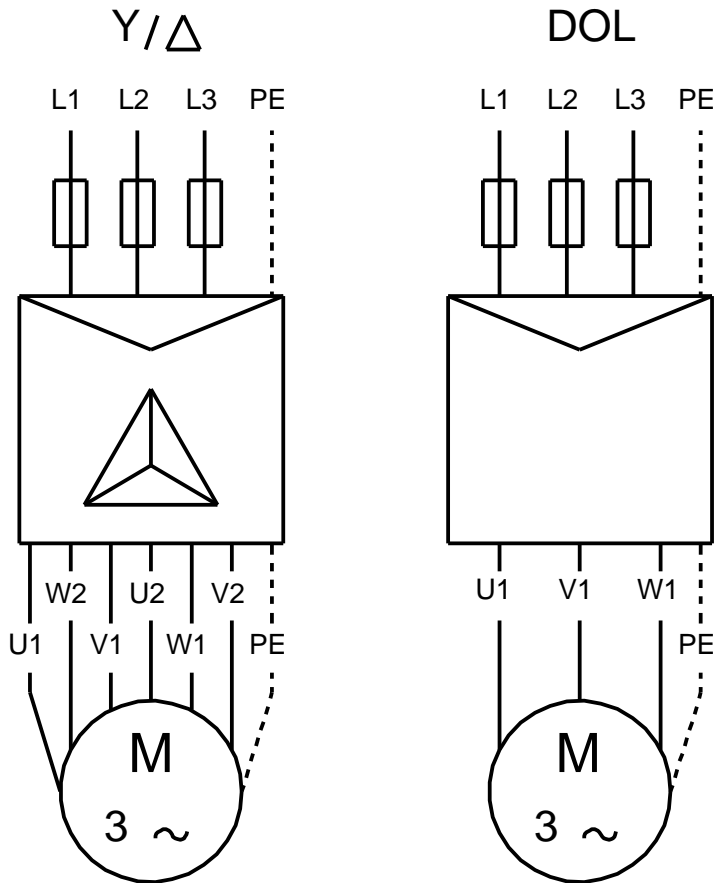
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Gross weight:	269 lb
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**5301985 SP 5A-85 50 Hz**



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

**5301985 SP 5A-85 50 Hz**



U1, W2	Brown
V1, U2	Black
W1, V2	Grey

All units are [in] unless otherwise presented.



Company name:

Created by:

Phone:

Date:

6/12/2019

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**Order Data:**

Product name: SP 5A-85

Amount: 1

Product No.: 5301985

Total: Price on request

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