
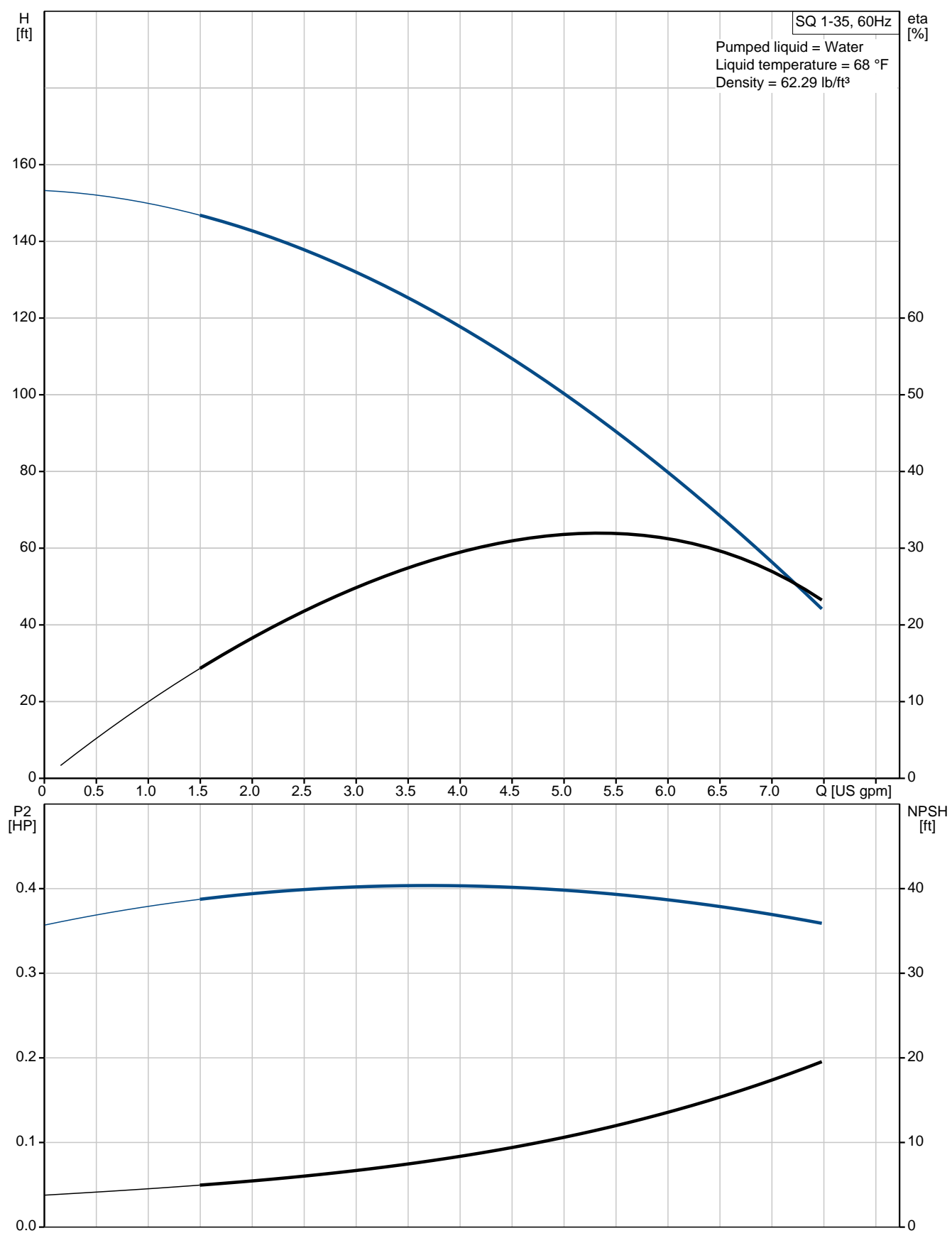


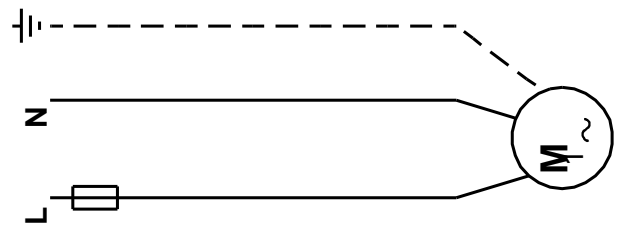
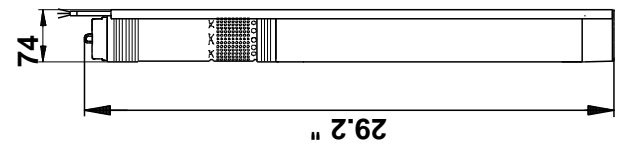
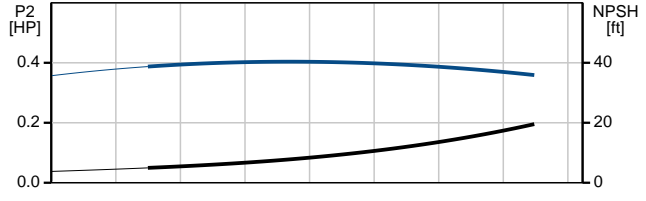
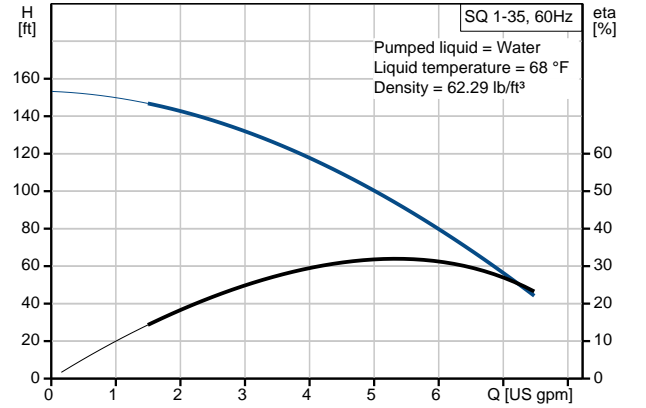
Position	Count	Description																														
	1	<p data-bbox="380 159 472 189">SQ 1-35</p> <div data-bbox="444 226 685 583" style="text-align: center;">  </div> <p data-bbox="764 594 1218 615" style="text-align: center;">Product photo could vary from the actual product</p> <p data-bbox="380 625 896 800">Product No.: 96510178 3" multi-stage, submersible pump designed for domestic water supply, liquid transfer in tanks, irrigation and environmental applications. The pump has "floating" impellers, each with its own tungsten carbide/ceramic bearing.</p> <p data-bbox="380 831 880 915">The pump features soft starting and protection against dry-running, upthrust, overvoltage, undervoltage, overload and overtemperature.</p> <p data-bbox="380 947 922 1094">The motor is a one-phase motor of the permanent magnet rotor type ensuring optimum efficiency within a wide load range. The motor is fitted with a replaceable cable plug.</p> <p data-bbox="380 1125 461 1152">Liquid:</p> <table data-bbox="380 1157 867 1304"> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Maximum liquid temperature:</td> <td>95 °F</td> </tr> <tr> <td>Max liquid temperature at 0.15 m/sec:</td> <td>95 °F</td> </tr> <tr> <td>Liquid temp:</td> <td>68 °F</td> </tr> <tr> <td>Density:</td> <td>62.29 lb/ft³</td> </tr> </table> <p data-bbox="380 1335 500 1362">Technical:</p> <table data-bbox="380 1367 1003 1514"> <tr> <td>Speed for pump data:</td> <td>10700 rpm</td> </tr> <tr> <td>Rated flow:</td> <td>4.4 US gpm</td> </tr> <tr> <td>Rated head:</td> <td>112 ft</td> </tr> <tr> <td>Approvals on motor nameplate:</td> <td>CE,UL,CUL</td> </tr> <tr> <td>Curve tolerance:</td> <td>ISO 9906:1999 Annex A</td> </tr> </table> <p data-bbox="380 1545 493 1572">Materials:</p> <table data-bbox="380 1577 1032 1776"> <tr> <td>Pump:</td> <td>Polyamide / Stainless steel DIN W.-Nr. 1.4301 AISI 304</td> </tr> <tr> <td>Impeller:</td> <td>Polyamide</td> </tr> <tr> <td>Motor:</td> <td>Stainless steel DIN W.-Nr. 1.4301 AISI 304</td> </tr> </table> <p data-bbox="380 1808 516 1835">Installation:</p> <table data-bbox="380 1839 834 1892"> <tr> <td>Pump outlet:</td> <td>Rp 1 1/4</td> </tr> <tr> <td>Minimum borehole diameter:</td> <td>2.99 in</td> </tr> </table>	Pumped liquid:	Water	Maximum liquid temperature:	95 °F	Max liquid temperature at 0.15 m/sec:	95 °F	Liquid temp:	68 °F	Density:	62.29 lb/ft ³	Speed for pump data:	10700 rpm	Rated flow:	4.4 US gpm	Rated head:	112 ft	Approvals on motor nameplate:	CE,UL,CUL	Curve tolerance:	ISO 9906:1999 Annex A	Pump:	Polyamide / Stainless steel DIN W.-Nr. 1.4301 AISI 304	Impeller:	Polyamide	Motor:	Stainless steel DIN W.-Nr. 1.4301 AISI 304	Pump outlet:	Rp 1 1/4	Minimum borehole diameter:	2.99 in
Pumped liquid:	Water																															
Maximum liquid temperature:	95 °F																															
Max liquid temperature at 0.15 m/sec:	95 °F																															
Liquid temp:	68 °F																															
Density:	62.29 lb/ft ³																															
Speed for pump data:	10700 rpm																															
Rated flow:	4.4 US gpm																															
Rated head:	112 ft																															
Approvals on motor nameplate:	CE,UL,CUL																															
Curve tolerance:	ISO 9906:1999 Annex A																															
Pump:	Polyamide / Stainless steel DIN W.-Nr. 1.4301 AISI 304																															
Impeller:	Polyamide																															
Motor:	Stainless steel DIN W.-Nr. 1.4301 AISI 304																															
Pump outlet:	Rp 1 1/4																															
Minimum borehole diameter:	2.99 in																															

Position	Count	Description
		<p>Electrical data:</p> <p>Motor type: MS3</p> <p>Power input - P1: 1.02 kW</p> <p>Rated power - P2: 0.939 HP</p> <p>Main frequency: 60 Hz</p> <p>Rated voltage: 1 x 200-240 V</p> <p>Start. method: direct-on-line</p> <p>Service factor: 1,85</p> <p>Rated current: 5.2 A</p> <p>Power factor: 1,00</p> <p>Rated speed: 10700 rpm</p> <p>Enclosure class (IEC 34-5): IP68</p> <p>Insulation class (IEC 85): F</p> <p>Length of cable: 4.92 ft</p> <p>Others:</p> <p>Net weight: 10.4 lb</p> <p>Gross weight: 11.9 lb</p> <p>Shipping volume: 0.32 ft³</p>

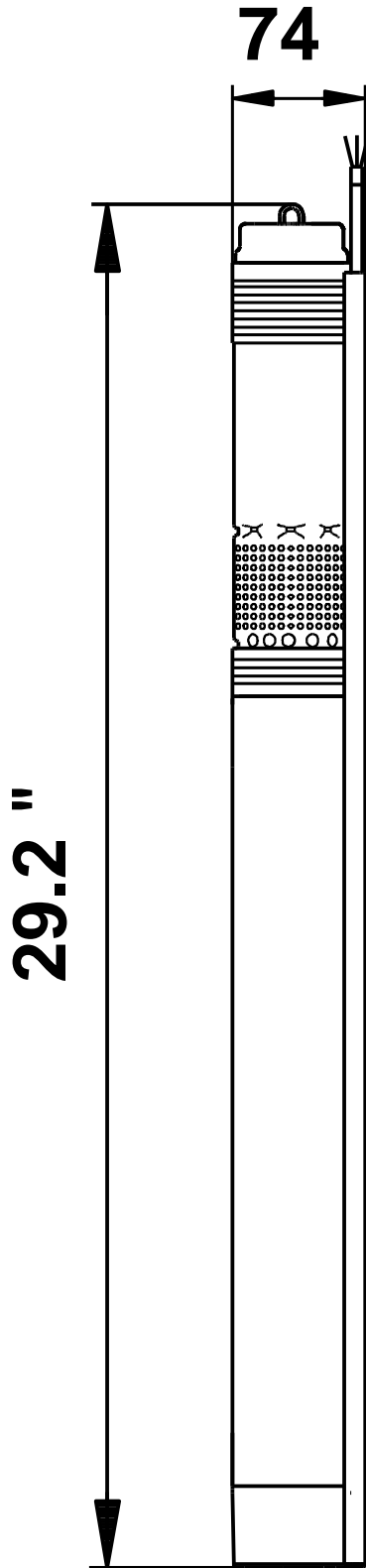
96510178 SQ 1-35 60 Hz



Description	Value
Product name:	SQ 1-35
Product Number:	96510178
EAN number:	5700396503776
Technical:	
Speed for pump data:	10700 rpm
Rated flow:	4.4 US gpm
Rated head:	112 ft
Approvals on motor nameplate:	CE,UL,CUL
Curve tolerance:	ISO 9906:1999 Annex A
Pump Number:	96080381
Stages:	2
Model:	B
Valve:	pump with built-in non-return valve
Materials:	
Pump:	Polyamide / Stainless steel DIN W.-Nr. 1.4301 AISI 304
Impeller:	Polyamide
Motor:	Stainless steel DIN W.-Nr. 1.4301 AISI 304
Installation:	
Pump outlet:	Rp 1 1/4
Minimum borehole diameter:	2.99 in
Liquid:	
Pumped liquid:	Water
Maximum liquid temperature:	95 °F
Max liquid temperature at 0.15 m/sec:	95 °F
Liquid temp:	68 °F
Density:	62.29 lb/ft ³
Electrical data:	
Motor type:	MS3
Power input - P1:	1.02 kW
Rated power - P2:	0.939 HP
Main frequency:	60 Hz
Rated voltage:	1 x 200-240 V
Start. method:	direct-on-line
Service factor:	1,85
Rated current:	5.2 A
Power factor:	1,00
Rated speed:	10700 rpm
Enclosure class (IEC 34-5):	IP68
Insulation class (IEC 85):	F
Motor protection:	Y
Thermal protec:	internal
Length of cable:	4.92 ft
Motor Number:	96160850
Controls:	
CU 300/CU 301:	no communication possible
Others:	
Net weight:	10.4 lb
Gross weight:	11.9 lb
Shipping volume:	0.32 ft ³
Sales region:	EU/S-AMREG/APREG

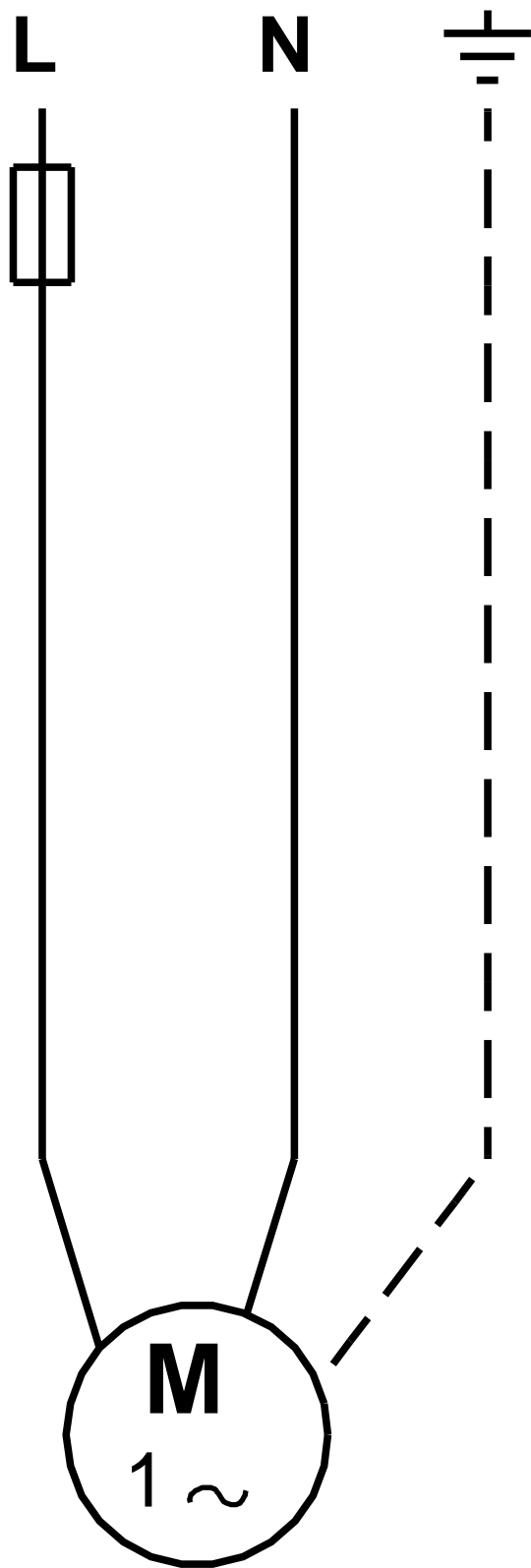


96510178 SQ 1-35 60 Hz



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

96510178 SQ 1-35 60 Hz



All units are [mm] unless otherwise presented.