

**Date:** 6/13/2019

Count Description

1 SP 9-4



Product photo could vary from the actual product

Product No.: 98779736

Submersible borehole pump, suitable for pumping clean water. Can be installed vertically or horizontally. All steel components are made in stainless steel, EN 1.4301 (AISI 304), that ensures high corrosive resistance. This pump carries drinking water approval.

The pump is fitted with a 1 kW MS402 motor with sand shield, lip seal, water-lubricated journal bearings and a volume compensating diaphragm. The motor is a canned type submersible motor offering good mechanical stability and high efficiency. Suitable for temperatures up to 40 °C.

The motor is not fitted with a temperature sensor. If temperature monitoring is desired, a Pt1000 sensor can be fitted.

The motor is for direct-on-line starting (DOL).

Liquid:

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/ft³

Technical:

Pump speed on which pump data is based: 2900 rpm

Rated flow: 39.6 US gpm
Rated head: 66.28 ft
Shaft seal for motor: LIPSEAL
Approvals on nameplate: CE,EAC

Curve tolerance: ISO9906:2012 3B

Motor version: T40

Materials:

Pump: Stainless steel

EN 1.4301 AISI 304 Stainless steel

Impeller: Stainless ste EN 1.4301

> AISI 304 Stainless steel

DIN W.-Nr. 1.4301

**AISI 304** 

Installation:

Motor:

Pump outlet: RP2



**Date:** 6/13/2019

Count | Description

Motor diameter: 4 inch

**Electrical data:** 

Motor type: MS402 Rated power - P2: 1 HP Power (P2) required by pump: 1 HP Main frequency: 50 Hz

 Rated voltage:
 3 x 380-400-415 V

 Rated current:
 2.15-2.30-2.40 A

 Starting current:
 480-490-480 %

 Cos phi - power factor:
 0.75-0.72-0.65

 Rated speed:
 2850-2860-2870 rpm

Start. method: direct-on-line

Enclosure class (IEC 34-5): IP68
Insulation class (IEC 85): B
Built-in temperature transmitter: No
Motor Number: 79192004

Others:

Minimum efficiency index, MEI: 0.70

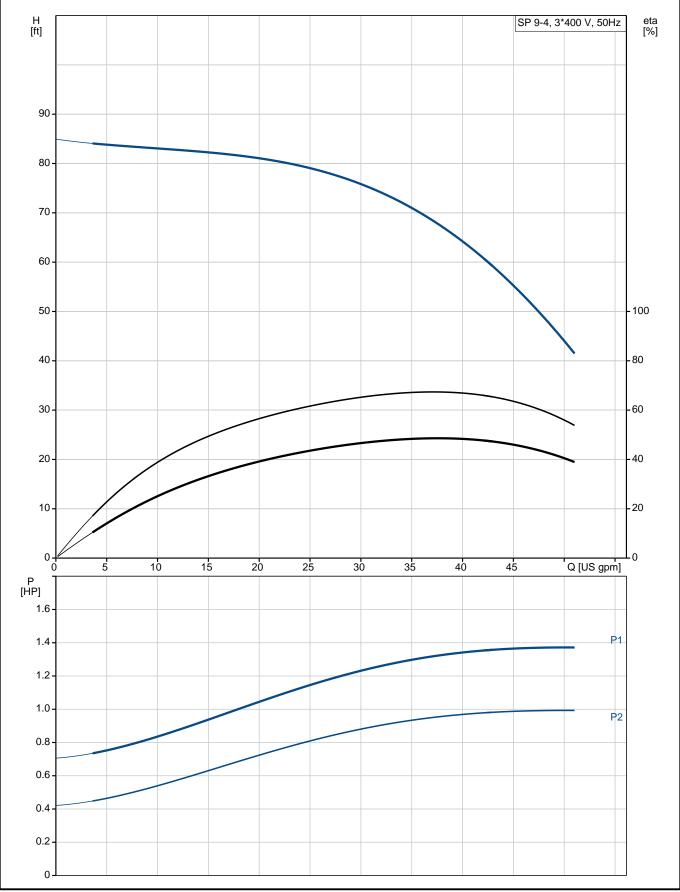
ErP status: EuP Standalone/Prod.

Net weight: 31.8 lb
Gross weight: 36.2 lb
Shipping volume: 0.57 ft³
Danish VVS No.: 388461404



**Date:** 6/13/2019

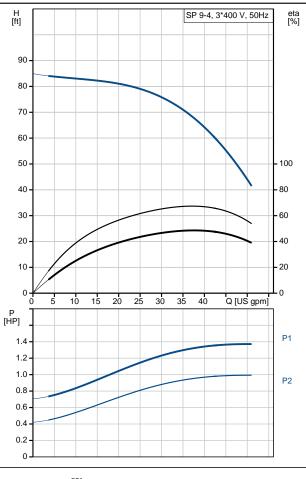
## 98779736 SP 9-4 50 Hz

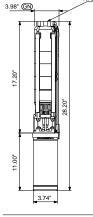


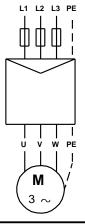


**Date:** 6/13/2019

Description	Value
General information:	
Product name:	SP 9-4
Product No.:	98779736
EAN:	5712601277587
Technical:	
Pump speed on which pump data is based:	2900 rpm
Rated flow:	39.6 US gpm
Rated head:	66.28 ft
Stages:	4
Impeller reduc.:	NONE
Shaft seal for motor:	LIPSEAL
Approvals on nameplate:	CE,EAC
Curve tolerance:	ISO9906:2012 3B
Model:	Α
Valve:	YES
Motor version:	T40
Materials:	0111
Pump:	Stainless steel
	EN 1.4301
Inch all an	AISI 304
Impeller:	Stainless steel
	EN 1.4301 AISI 304
Motor	Stainless steel
Motor:	DIN WNr. 1.4301
	AISI 304
Installation:	AISI 304
	DD2
Pump outlet:	RP2
Pump outlet: Motor diameter:	RP2 4 inch
Pump outlet: Motor diameter: Liquid:	4 inch
Pump outlet: Motor diameter: Liquid: Pumped liquid:	4 inch Water
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature:	4 inch Water 104 °F
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec:	4 inch Water
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature:	4 inch  Water 104 °F 104 °F
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec:	4 inch  Water  104 °F  104 °F  68 °F
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density:	4 inch  Water  104 °F  104 °F  68 °F
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type:	4 inch  Water 104 °F 104 °F 68 °F 62.29 lb/ft³  MS402
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor:	4 inch  Water 104 °F 104 °F 68 °F 62.29 lb/ft³  MS402 NEMA
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2:	4 inch  Water 104 °F 104 °F 68 °F 62.29 lb/ft³  MS402 NEMA 1 HP
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump:	4 inch  Water 104 °F 104 °F 68 °F 62.29 lb/ft³  MS402 NEMA 1 HP 1 HP
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm  direct-on-line
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5):	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm  direct-on-line  IP68
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85):	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm  direct-on-line  IP68  B
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protection:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm  direct-on-line  IP68  B  NONE
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protection: Thermal protec:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm direct-on-line IP68  B  NONE external
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protection: Thermal protec: Built-in temperature transmitter:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm direct-on-line IP68  B  NONE external No
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protection: Thermal protec: Built-in temperature transmitter: Motor Number:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm direct-on-line IP68  B  NONE external
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protection: Thermal protec: Built-in temperature transmitter: Motor Number: Others:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm direct-on-line IP68  B  NONE external No 79192004
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protection: Thermal protec: Built-in temperature transmitter: Motor Number:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm  direct-on-line  IP68  B  NONE  external  No  79192004
Pump outlet: Motor diameter: Liquid: Pumped liquid: Maximum liquid temperature: Max liquid temperature at 0.15 m/sec: Selected liquid temperature: Density: Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Motor protection: Thermal protec: Built-in temperature transmitter: Motor Number: Others:	4 inch  Water  104 °F  104 °F  68 °F  62.29 lb/ft³  MS402  NEMA  1 HP  1 HP  50 Hz  3 x 380-400-415 V  2.15-2.30-2.40 A  480-490-480 %  0.75-0.72-0.65  2850-2860-2870 rpm direct-on-line IP68  B  NONE external No 79192004









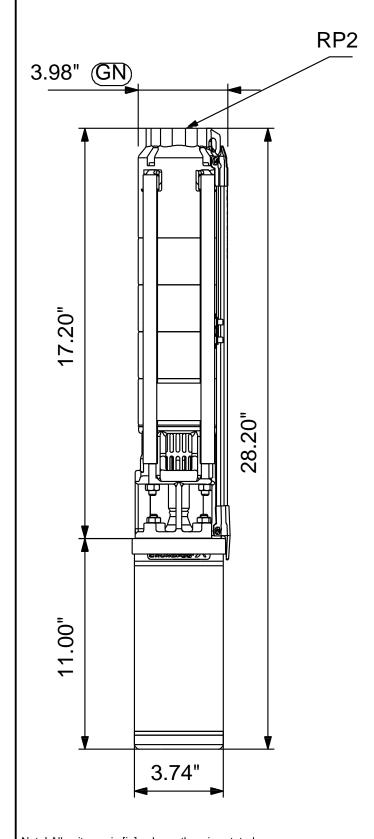
**Date:** 6/13/2019

Description	Value
Gross weight:	36.2 lb
Shipping volume:	0.57 ft <sup>3</sup>
Danish VVS No.:	388461404



Date: 6/13/2019

## 98779736 SP 9-4 50 Hz

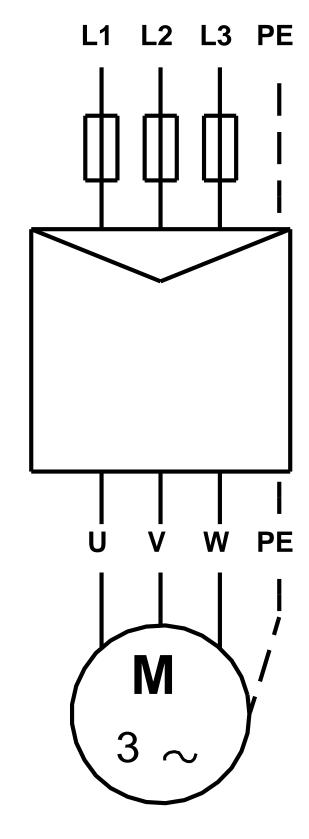


Note! All units are in [in] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



**Date:** 6/13/2019

98779736 SP 9-4 50 Hz



All units are [in] unless otherwise presented.



**Date:** 6/13/2019

**Order Data:** 

Product name: SP 9-4 Amount: 1

Product No.: 98779736

Total: Price on request