

**Date:** 6/13/2019

Count | Description

1 SP 9-8



Product photo could vary from the actual product

Product No.: 98699054

Multi-stage submersible pump for raw water supply, groundwater lowering and pressure boosting. The pump is suitable for pumping clean, thin, non-agressive liquids without solid particles or fibers.

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.

The motor is a 3-phase motor of the canned type with a sand shield, liquid-lubricated bearings and pressure-equalizing diaphragm.

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: 136.2 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

Impeller: Stainless steel

EN 1.4301 AISI 304

Motor: Stainless steel

DIN W.-Nr. 1.4301

**AISI 304** 



**Date:** 6/13/2019

Count | Description

Installation:

Pump outlet: RP2 Motor diameter: 4 inch

**Electrical data:** 

Motor type: MS402
Rated power - P2: 2 HP
Power (P2) required by pump: 2 HP
Main frequency: 50 Hz

 Rated voltage:
 3 x 380-400-415 V

 Rated current:
 4.10-4.20-4.40 A

 Starting current:
 490-500-500 %

 Cos phi - power factor:
 0.80-0.75-0.70

 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: 79192006

Others:

Minimum efficiency index, MEI: 0.70

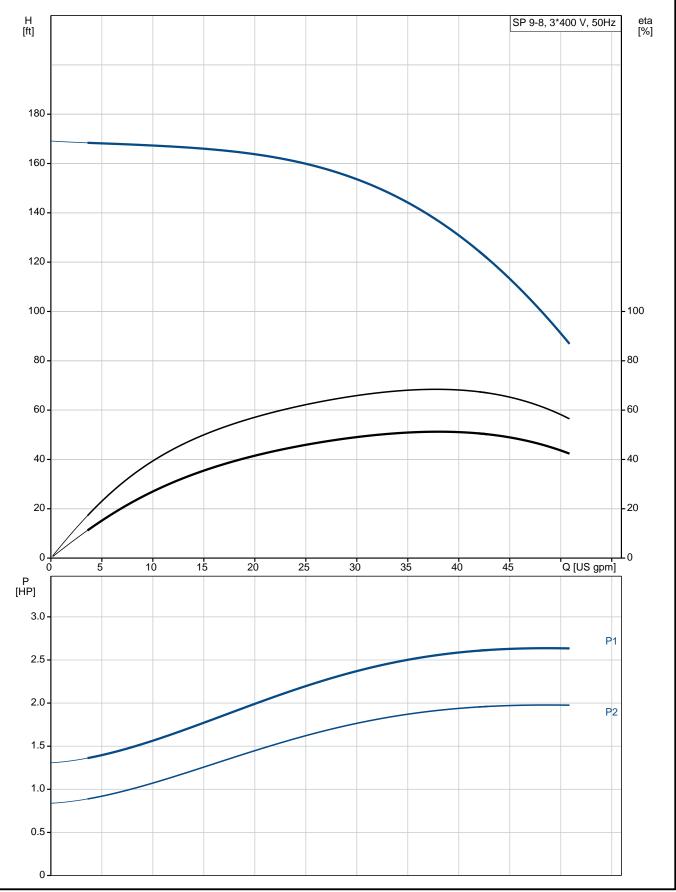
ErP status: EuP Standalone/Prod.

Net weight: 43 lb
Gross weight: 47.8 lb
Shipping volume: 0.57 ft³
Danish VVS No.: 388480008



**Date:** 6/13/2019

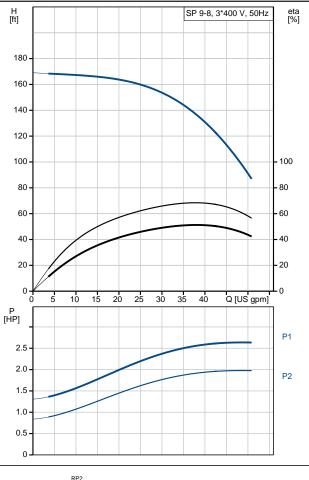
## 98699054 SP 9-8 50 Hz

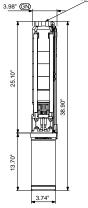


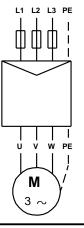


**Date:** 6/13/2019

General information:         SP 9-8           Product name:         98699054           EAN:         5712600105911           Technical:         2900 rpm           Pump speed on which pump data is based:         2900 rpm           Rated flow:         39.6 US gpm           Rated head:         136.2 ft           Stages:         8           Impeller reduc.:         NONE           Shaft seal for motor:         LIPSEAL           Approvals on nameplate:         CE,EAC           Curve tolerance:         ISO9996:2012 3B           Model:         A           Valve:         YES           Motor version:         T40           Materials:         T40           Materials:         EN 1.4301           Installation:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Installation:         Pump outlet:           Pump outlet:         RP2           Motor diameter:         4 inch           Liquid:         Valve           Pumped liquid:         Water           Max liquid temperature:         104 °F	Description	Value
Product No.:         98699054           EAN:         5712600105911           Technical:         5712600105911           Pump speed on which pump data is based:         2900 rpm           Rated flow:         39.6 US gpm           Rated head:         136.2 ft           Stages:         8           Impeller reduc.:         NONE           Shaft seal for motor:         LIPSEAL           Approvals on nameplate:         CE,EAC           Curve tolerance:         ISO9906:2012 3B           Model:         A           Valve:         YES           Motor version:         T40           Materials:         T40           Pump:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           EN 1.4301         AISI 304           Installation:         RP2           Motor diameter:         4 inch           Liquid:         Water           Maxingum liquid temperature:         104 °F           Max liquid temperature:         104 °F           Max liquid temperature:         104 °F		
EAN:         5712600105911           Technical:         2900 rpm           Rated flow:         39.6 US gpm           Rated head:         136.2 ft           Stages:         8           Impeller reduc.:         NONE           Shaft seal for motor:         LIPSEAL           Approvals on nameplate:         CE,EAC           Curve tolerance:         ISO9906:2012 3B           Model:         A           Valve:         YES           Motor version:         T40           Materials:         Walve:           Pump:         Stainless steel           EN 1, 4301         AISI 304           Impeller:         Stainless steel           EN 1, 4301         AISI 304           Motor:         Stainless steel           EN 1, 4301         AISI 304           Motor:         Stainless steel           EN 1, 4301         AISI 304           Motor:         RP2           Motor diameter:         4 inch           University:         RP2           Motor diameter:         4 inch           Hotor diameter:         4 inch           Motor diameter:         4 inch           Maxiliquid temperature:		SP 9-8
EAN:         5712600105911           Technical:         2900 rpm           Rated flow:         39.6 US gpm           Rated head:         136.2 ft           Stages:         8           Impeller reduc.:         NONE           Shaft seal for motor:         LIPSEAL           Approvals on nameplate:         CE,EAC           Curve tolerance:         ISO9906:2012 3B           Model:         A           Valve:         YES           Motor version:         T40           Materials:         T40           Pump:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           EN 1.4301         AISI 304           Motor:         RP2           Motor diameter:         4 inch           Unity         RP2           Motor diameter:         4 inch           English         Water           Maxinguid temperature:         4 inch           Maxinguid temperature:         104 °F<	Product No.:	98699054
Pump speed on which pump data is based:         2900 rpm           Rated flow:         39.6 US gpm           Rated head:         136.2 ft           Stages:         8           Impeller reduc.:         NONE           Shaft seal for motor:         LIPSEAL           Approvals on nameplate:         CE,EAC           Curve tolerance:         ISO9906:2012 3B           Model:         A           Valve:         YES           Motor version:         T40           Materials:         T40           Pump:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           DIN WNr. 1.4301         AISI 304           Motor:         Stainless steel           DIN WNr. 1.4301         AISI 304           Installation:         Pump will stemperature:         Motor           Motor diameter:         4 inch           Liquid:         Water           Maximum liquid temperature:         Mot °F           Maximum		5712600105911
Pump speed on which pump data is based:         2900 rpm           Rated flow:         39.6 US gpm           Rated head:         136.2 ft           Stages:         8           Impeller reduc.:         NONE           Shaft seal for motor:         LIPSEAL           Approvals on nameplate:         CE,EAC           Curve tolerance:         ISO9906:2012 3B           Model:         A           Valve:         YES           Motor version:         T40           Materials:         T40           Pump:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           DIN WNr. 1.4301         AISI 304           Installation:         PUmp dutic           Pump outlet:         RP2           Motor diameter:         4 inch           Liquid:         Water           Maximum liquid:         Water           Maximum liquid temperature:         104 °F           Maximum liquid temperature:         104 °F <td>Technical:</td> <td></td>	Technical:	
Rated head:   336.2 ft		2900 rpm
Rated head:   336.2 ft	Rated flow:	39.6 US apm
Impeller reduc.: NONE		• • • • • • • • • • • • • • • • • • • •
Impeller reduc.:	Stages:	8
Shaft seal for motor:         LIPSEAL           Approvals on nameplate:         CE, EAC           Curve tolerance:         ISO9906:2012 3B           Model:         A           Valve:         YES           Motor version:         T40           Materials:         T40           Pump:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           DIN WNr. 1.4301         AISI 304           Installation:         RP2           Motor diameter:         4 inch           Liquid:         RP2           Motor diameter:         4 inch           Liquid:         Water           Maximum liquid temperature:         104 °F           Maximum liquid temperature:         68 °F           Selected liquid temperature:         68 °F           Density:         62.29 lb/ft³           Electrical data:         MS402           Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP		NONE
Approvals on nameplate:         CE,EAC           Curve tolerance:         ISO9906:2012 3B           Model:         A           Valve:         YES           Motor version:         T40           Materials:         T40           Pump:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           DIN WNr. 1.4301         AISI 304           Installation:         RP2           Motor diameter:         4 inch           Liquid:         Water           Motor diameter:         4 inch           Liquid:         Water           Maximum liquid temperature:         104 °F           Max liquid temperature:         68 °F           Density:         62.29 lb/ft³           Electrical data:         MS402           Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated voltage:         3 x 380-400-415 V <tr< td=""><td><u>·</u></td><td>LIPSFAL</td></tr<>	<u>·</u>	LIPSFAL
Curve tolerance:         ISO9906:2012 3B           Model:         A           Valve:         YES           Motor version:         T40           Materials:         T40           Pump:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           DIN WNr. 1.4301         AISI 304           Installation:         Pump outlet:           Pump outlet:         RP2           Motor diameter:         4 inch           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           Electrical data:         MS402           Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated voltage:         3 x 380-400-415 V           Starting current:		-
Model:         A           Valve:         YES           Motor version:         T40           Materials:         Pump:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           DIN WNr. 1.4301         AISI 304           Installation:         Pump outlet:           Pump outlet:         RP2           Motor diameter:         4 inch           Liquid:         Water           Musper diquid:         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           Electrical data:         Motor type:           Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated voltage:         3 x 380-400-415 V           Rated current:         490-500-5		
Valve:         YES           Motor version:         T40           Materials:         Fump:           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           DIN WNr. 1.4301         AISI 304           Installation:         RP2           Motor diameter:         4 inch           Liquid:         Water           Mumped 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           Electrical data:         Water           Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated outrent:         4.10-4.20-4.40 A           Starting current:         490-500-500 %           Cos phi - power factor:         0.80-0.75-0.70           Rated speed:         2850-2860-2870 rpm		
Motor version:         T40           Materials:         EN 1.4301           Pump:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           DIN WNr. 1.4301         AISI 304           Installation:         Pump outlet:           Pump outlet:         RP2           Motor diameter:         4 inch           Liquid:         Water           Pumped liquid:         Water           Max liquid temperature:         104 °F           Max liquid temperature:         68 °F           Selected liquid temperature:         68 °F           Density:         62.29 lb/ft³           Electrical data:         WMA02           Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated voltage:         3 x 380-400-415 V           Rated current:         4.10-4.20-4.40 A           Starting current:         490-500-500 %           Cos phi - po		• •
Materials:           Pump:         Stainless steel           EN 1.4301         AISI 304           Impeller:         Stainless steel           EN 1.4301         AISI 304           Motor:         Stainless steel           DIN WNr. 1.4301         AISI 304           Installation:         RP2           Pump outlet:         RP2           Motor diameter:         4 inch           Liquid:         Water           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           Electrical data:         MS402           Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated voltage:         3 x 380-400-415 V           Rated current:         4.10-4.20-4.40 A           Starting current:         490-500-500 %           Cos phi - power factor:         0.80-0.75-0.70           Rated spe		. = -
Pump: Stainless steel		1.10
EN 1.4301     AISI 304     Impeller:		Stainless steel
Main	i diiip.	
Impeller:   Stainless steel		
EN 1.4301   AISI 304   AISI 304   Motor: Stainless steel   DIN WNr. 1.4301   AISI 304   AISI 304   Installation: Pump outlet: RP2   Motor diameter: 4 inch   Liquid: Pumped liquid: Water   Maximum liquid temperature: 104 °F   Max liquid temperature: 104 °F   Max liquid temperature: 68 °F   Density: 62.29 lb/ft³   Electrical data:   Motor type: MS402   Applic. motor: NEMA   Rated power - P2: 2 HP   Power (P2) required by pump: 2 HP   Main frequency: 50 Hz   Rated voltage: 3 x 380-400-415 V   Rated current: 4.10-4.20-4.40 A   Starting current: 4.10-4.20-4.40 A   Starting current: 4.90-500-500 %   Cos phi - power factor: 0.80-0.75-0.70   Rated speed: 2850-2860-2870 rpm   Start. method: direct-on-line   Enclosure class (IEC 34-5): IP68   Insulation class (IEC 85): B   Motor protection: NONE   external   Suilt-in temperature transmitter: No   Motor Number: 79192006   Others:   Minimum efficiency index, MEI : 0.70   EuP Standalone/Prod.	Impeller:	7 0. 00 .
AISI 304  Motor: Stainless steel DIN WNr. 1.4301 AISI 304  Installation: Pump outlet: RP2 Motor diameter: 4 inch 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  Electrical data: Motor type: MS402 Applic. motor: NEMA Rated power - P2: 2 HP Power (P2) required by pump: 2 HP Main frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 4.10-4.20-4.40 A Starting current: 490-500-500 % Cos phi - power factor: 0.80-0.75-0.70 Rated speed: 2850-2860-2870 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): B Motor protection: NONE Thermal protec: external Built-in temperature transmitter: No Motor Number: 79192006 Others: Minimum efficiency index, MEI: 0.70 ErP status:	ппрепет.	
Motor:         Stainless steel           DIN WNr. 1.4301           AISI 304           Installation:           Pump outlet:         RP2           Motor diameter:         4 inch           Liquid:         Water           Pumped liquid:         Water           Maximum liquid temperature:         104 °F           Max liquid temperature:         68 °F           Selected liquid temperature:         68 °F           Density:         62.29 lb/ft³           Electrical data:         MS402           Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated voltage:         3 x 380-400-415 V           Rated current:         4.10-4.20-4.40 A           Starting current:         490-500-500 %           Cos phi - power factor:         0.80-0.75-0.70           Rated speed:         2850-2860-2870 rpm           Start. method:         direct-on-line           Enclosure class (IEC 34-5):         IP68           Insulation class (IEC 85):         B           Motor protection:		
DIN WNr. 1.4301	Motor	
Installation: Pump outlet: RP2 Motor diameter: 4 inch Liquid: Pumped liquid: Water Maximum liquid temperature: 104 °F Max liquid temperature: 68 °F Density: 62.29 lb/ft³ Electrical data: Motor type: Applic. motor: Rated power - P2: Power (P2) required by pump: Rated voltage: Rated voltage: Rated current: 4.10-4.20-4.40 A Starting current: 4.10-4.20-4.40 A Starting current: 4.10-4.20-4.40 A Starting current: 4.10-4.20-4.70 M Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): B Motor protection: Thermal protec: Built-in temperature transmitter: Monum Main Main Main Mel : Cothers: Minimum efficiency index, MEl : Cothers: Coth	MOIOI.	
Installation: Pump outlet: RP2 Motor diameter: 4 inch  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  Electrical data:  Motor type: MS402 Applic. motor: NEMA Rated power - P2: 2 HP Power (P2) required by pump: 2 HP Main frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 4.10-4.20-4.40 A Starting current: 490-500-500 % Cos phi - power factor: 0.80-0.75-0.70 Rated speed: 2850-2860-2870 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): B Motor protection: NONE Thermal protec: external Built-in temperature transmitter: No Motor Number: 79192006  Others: Minimum efficiency index, MEI: 0.70 ErP status: EuP Standalone/Prod.		
Pump outlet: RP2  Motor diameter: 4 inch  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  Electrical data:  Motor type: MS402  Applic. motor: NEMA  Rated power - P2: 2 HP  Power (P2) required by pump: 2 HP  Main frequency: 50 Hz  Rated voltage: 3 x 380-400-415 V  Rated current: 4.10-4.20-4.40 A  Starting current: 490-500-500 %  Cos phi - power factor: 0.80-0.75-0.70  Rated speed: 2850-2860-2870 rpm  Start. method: direct-on-line  Enclosure class (IEC 34-5): IP68  Insulation class (IEC 85): B  Motor protection: NONE  Thermal protec: external  Built-in temperature transmitter: No  Motor Number: 79192006  Others:  Minimum efficiency index, MEI: 0.70  EuP Standalone/Prod.	Installation	AISI 304
Motor diameter: 4 inch  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  Electrical data:  Motor type: MS402  Applic. motor: NEMA  Rated power - P2: 2 HP  Power (P2) required by pump: 2 HP  Main frequency: 50 Hz  Rated voltage: 3 x 380-400-415 V  Rated current: 4.10-4.20-4.40 A  Starting current: 490-500-500 %  Cos phi - power factor: 0.80-0.75-0.70  Rated speed: 2850-2860-2870 rpm  Start. method: direct-on-line  Enclosure class (IEC 34-5): IP68  Insulation class (IEC 85): B  Motor protection: NONE  Thermal protec: external  Built-in temperature transmitter: No  Motor Number: 79192006  Others:  Minimum efficiency index, MEI: 0.70  EuP Standalone/Prod.		DDO
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  Electrical data:  Motor type: MS402  Applic. motor: NEMA  Rated power - P2: 2 HP  Power (P2) required by pump: 2 HP  Main frequency: 50 Hz  Rated voltage: 3 x 380-400-415 V  Rated current: 4.10-4.20-4.40 A  Starting current: 490-500-500 %  Cos phi - power factor: 0.80-0.75-0.70  Rated speed: 2850-2860-2870 rpm  Start. method: direct-on-line  Enclosure class (IEC 34-5): IP68  Insulation class (IEC 85): B  Motor protection: NONE  Thermal protec: external  Built-in temperature transmitter: No  Motor Number: 79192006  Others:  Minimum efficiency index, MEI: 0.70  ErP status:		· ·· =
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  Electrical data:  Motor type: MS402  Applic. motor: NEMA  Rated power - P2: 2 HP  Power (P2) required by pump: 2 HP  Main frequency: 50 Hz  Rated voltage: 3 x 380-400-415 V  Rated current: 4.10-4.20-4.40 A  Starting current: 490-500-500 %  Cos phi - power factor: 0.80-0.75-0.70  Rated speed: 2850-2860-2870 rpm  Start. method: direct-on-line  Enclosure class (IEC 34-5): IP68  Insulation class (IEC 85): B  Motor protection: NONE  Thermal protec: external  Built-in temperature transmitter: No  Motor Number: 79192006  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.		4 Inch
Maximum liquid temperature:  Max liquid temperature at 0.15 m/sec:  Selected liquid temperature:  68 °F  Density:  Electrical data:  Motor type:  Applic. motor:  Rated power - P2:  Power (P2) required by pump:  Rated voltage:  Rated voltage:  Rated current:  4.10-4.20-4.40 A  Starting current:  490-500-500 %  Cos phi - power factor:  Rated speed:  Enclosure class (IEC 34-5):  Insulation class (IEC 85):  Motor protection:  Motor Number:  Max liquid temperature:  104 °F  105 °F  105 °F  105 °F  106 °F  106 °F  107	·	144
Max liquid temperature at 0.15 m/sec:  Selected liquid temperature:  68 °F  Density:  62.29 lb/ft³  Electrical data:  Motor type:  Applic. motor:  Rated power - P2:  Power (P2) required by pump:  Rated voltage:  Rated current:  4.10-4.20-4.40 A  Starting current:  4.90-500-500 %  Cos phi - power factor:  Rated speed:  Enclosure class (IEC 34-5):  Insulation class (IEC 85):  Motor protection:  Thermal protec:  Built-in temperature transmitter:  Minimum efficiency index, MEI:  0.70  ErP status:		
Selected liquid temperature: 68 °F  Density: 62.29 lb/ft³  Electrical data:  Motor type: MS402  Applic. motor: NEMA  Rated power - P2: 2 HP  Power (P2) required by pump: 2 HP  Main frequency: 50 Hz  Rated voltage: 3 x 380-400-415 V  Rated current: 4.10-4.20-4.40 A  Starting current: 490-500-500 %  Cos phi - power factor: 0.80-0.75-0.70  Rated speed: 2850-2860-2870 rpm  Start. method: direct-on-line  Enclosure class (IEC 34-5): IP68  Insulation class (IEC 85): B  Motor protection: NONE  Thermal protec: external  Built-in temperature transmitter: No  Motor Number: 79192006  Others:  Minimum efficiency index, MEI: 0.70  ErP status:	The state of the s	-
Density:         62.29 lb/ft³           Electrical data:           Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated voltage:         3 x 380-400-415 V           Rated current:         4.10-4.20-4.40 A           Starting current:         490-500-500 %           Cos phi - power factor:         0.80-0.75-0.70           Rated speed:         2850-2860-2870 rpm           Start. method:         direct-on-line           Enclosure class (IEC 34-5):         IP68           Insulation class (IEC 85):         B           Motor protection:         NONE           Thermal protec:         external           Built-in temperature transmitter:         No           Motor Number:         79192006           Others:           Minimum efficiency index, MEI:         0.70           ErP status:         EuP Standalone/Prod.		
Electrical data:         MS402           Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated voltage:         3 x 380-400-415 V           Rated current:         4.10-4.20-4.40 A           Starting current:         490-500-500 %           Cos phi - power factor:         0.80-0.75-0.70           Rated speed:         2850-2860-2870 rpm           Start. method:         direct-on-line           Enclosure class (IEC 34-5):         IP68           Insulation class (IEC 85):         B           Motor protection:         NONE           Thermal protec:         external           Built-in temperature transmitter:         No           Motor Number:         79192006           Others:         Minimum efficiency index, MEI:         0.70           ErP status:         EuP Standalone/Prod.		
Motor type:         MS402           Applic. motor:         NEMA           Rated power - P2:         2 HP           Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated voltage:         3 x 380-400-415 V           Rated current:         4.10-4.20-4.40 A           Starting current:         490-500-500 %           Cos phi - power factor:         0.80-0.75-0.70           Rated speed:         2850-2860-2870 rpm           Start. method:         direct-on-line           Enclosure class (IEC 34-5):         IP68           Insulation class (IEC 85):         B           Motor protection:         NONE           Thermal protec:         external           Built-in temperature transmitter:         No           Motor Number:         79192006           Others:         Minimum efficiency index, MEI:         0.70           ErP status:         EuP Standalone/Prod.		62.29 lb/ft³
Applic. motor:  Rated power - P2:  Power (P2) required by pump:  Main frequency:  Rated voltage:  Rated current:  4.10-4.20-4.40 A  Starting current:  490-500-500 %  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:  O.70  ErP status:  NEMA  NEMA  NEMA  2 HP  2 HP  2 HP  40-500-500  40-415 V  40-4.20-4.40 A  40-500-500 %  60-500-500 %  60-500-500 %  60-60-600-600 %  10-80-600-600 %  10-80-600-600 %  10-80-600-600 %  10-80-600-600 %  10-800 %  10-800 %		MO 400
Rated power - P2:       2 HP         Power (P2) required by pump:       2 HP         Main frequency:       50 Hz         Rated voltage:       3 x 380-400-415 V         Rated current:       4.10-4.20-4.40 A         Starting current:       490-500-500 %         Cos phi - power factor:       0.80-0.75-0.70         Rated speed:       2850-2860-2870 rpm         Start. method:       direct-on-line         Enclosure class (IEC 34-5):       IP68         Insulation class (IEC 85):       B         Motor protection:       NONE         Thermal protec:       external         Built-in temperature transmitter:       No         Motor Number:       79192006         Others:       Minimum efficiency index, MEI:       0.70         ErP status:       EuP Standalone/Prod.	· ·	
Power (P2) required by pump:         2 HP           Main frequency:         50 Hz           Rated voltage:         3 x 380-400-415 V           Rated current:         4.10-4.20-4.40 A           Starting current:         490-500-500 %           Cos phi - power factor:         0.80-0.75-0.70           Rated speed:         2850-2860-2870 rpm           Start. method:         direct-on-line           Enclosure class (IEC 34-5):         IP68           Insulation class (IEC 85):         B           Motor protection:         NONE           Thermal protec:         external           Built-in temperature transmitter:         No           Motor Number:         79192006           Others:         Minimum efficiency index, MEI:         0.70           ErP status:         EuP Standalone/Prod.		
Main frequency:       50 Hz         Rated voltage:       3 x 380-400-415 V         Rated current:       4.10-4.20-4.40 A         Starting current:       490-500-500 %         Cos phi - power factor:       0.80-0.75-0.70         Rated speed:       2850-2860-2870 rpm         Start. method:       direct-on-line         Enclosure class (IEC 34-5):       IP68         Insulation class (IEC 85):       B         Motor protection:       NONE         Thermal protec:       external         Built-in temperature transmitter:       No         Motor Number:       79192006         Others:       Minimum efficiency index, MEI:       0.70         ErP status:       EuP Standalone/Prod.	·	· · ·
Rated voltage:         3 x 380-400-415 V           Rated current:         4.10-4.20-4.40 A           Starting current:         490-500-500 %           Cos phi - power factor:         0.80-0.75-0.70           Rated speed:         2850-2860-2870 rpm           Start. method:         direct-on-line           Enclosure class (IEC 34-5):         IP68           Insulation class (IEC 85):         B           Motor protection:         NONE           Thermal protec:         external           Built-in temperature transmitter:         No           Motor Number:         79192006           Others:         Minimum efficiency index, MEI:         0.70           ErP status:         EuP Standalone/Prod.		
Rated current:       4.10-4.20-4.40 A         Starting current:       490-500-500 %         Cos phi - power factor:       0.80-0.75-0.70         Rated speed:       2850-2860-2870 rpm         Start. method:       direct-on-line         Enclosure class (IEC 34-5):       IP68         Insulation class (IEC 85):       B         Motor protection:       NONE         Thermal protec:       external         Built-in temperature transmitter:       No         Motor Number:       79192006         Others:       Minimum efficiency index, MEI:       0.70         ErP status:       EuP Standalone/Prod.	<del>`</del>	
Starting current: 490-500-500 %  Cos phi - power factor: 0.80-0.75-0.70  Rated speed: 2850-2860-2870 rpm  Start. method: direct-on-line  Enclosure class (IEC 34-5): IP68  Insulation class (IEC 85): B  Motor protection: NONE  Thermal protec: external  Built-in temperature transmitter: No  Motor Number: 79192006  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.		
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:  Mot		
Rated speed: 2850-2860-2870 rpm  Start. method: direct-on-line  Enclosure class (IEC 34-5): IP68  Insulation class (IEC 85): B  Motor protection: NONE  Thermal protec: external  Built-in temperature transmitter: No  Motor Number: 79192006  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.		
Start. method: direct-on-line  Enclosure class (IEC 34-5): IP68  Insulation class (IEC 85): B  Motor protection: NONE  Thermal protec: external  Built-in temperature transmitter: No  Motor Number: 79192006  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.		
Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): B Motor protection: NONE Thermal protec: external Built-in temperature transmitter: No Motor Number: 79192006  Others: Minimum efficiency index, MEI: 0.70 ErP status: EuP Standalone/Prod.		·
Insulation class (IEC 85):  Motor protection:  Thermal protec:  Built-in temperature transmitter:  Motor Number:  Others:  Minimum efficiency index, MEI:  ErP status:  B  Monon  NONE  external  No  79192006  000  EuP Standalone/Prod.		
Motor protection: Thermal protec: Built-in temperature transmitter: No Motor Number: 79192006 Others: Minimum efficiency index, MEI: 0.70 ErP status:  No EuP Standalone/Prod.		IP68
Thermal protec: external  Built-in temperature transmitter: No  Motor Number: 79192006  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.		
Built-in temperature transmitter:  Mo Motor Number: 79192006  Others: Minimum efficiency index, MEI: 0.70  ErP status:  BuP Standalone/Prod.	Motor protection:	NONE
Motor Number: 79192006  Others:  Minimum efficiency index, MEI: 0.70  ErP status: EuP Standalone/Prod.	·	external
Others: Minimum efficiency index, MEI : 0.70  ErP status: EuP Standalone/Prod.	Built-in temperature transmitter:	No
Minimum efficiency index, MEI : 0.70  ErP status: EuP Standalone/Prod.	Motor Number:	79192006
ErP status: EuP Standalone/Prod.	Others:	
ErP status:	Minimum efficiency index, MEI :	0.70
Net weight: 43 lb	ErP status:	EuP Standalone/Prod.
	Net weight:	43 lb









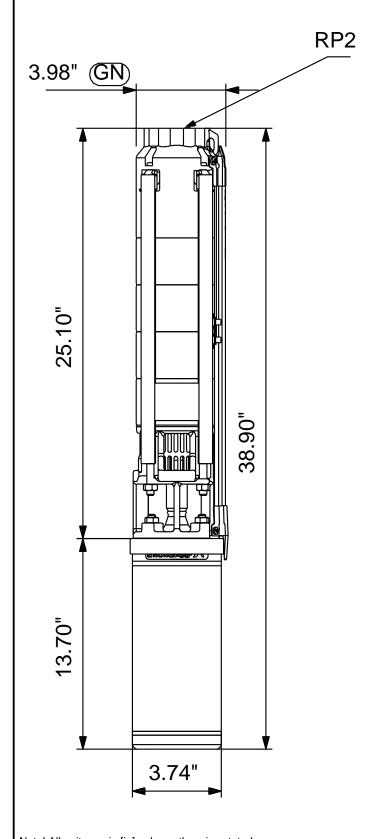
**Date:** 6/13/2019

Description	Value
Gross weight:	47.8 lb
Shipping volume:	0.57 ft <sup>3</sup>
Danish VVS No.:	388480008



Date: 6/13/2019

## 98699054 SP 9-8 50 Hz

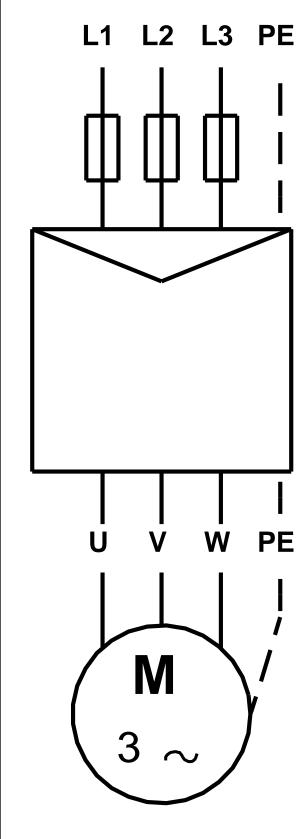


Note! All units are in [in] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



**Date:** 6/13/2019

98699054 SP 9-8 50 Hz



All units are [in] unless otherwise presented.



**Date:** 6/13/2019

**Order Data:** 

Product name: SP 9-8 Amount: 1

Product No.: 98699054

Total: Price on request