

Date: 6/14/2019

Count | Description

SP 9-60



Product photo could vary from the actual product

Product No.: 98699076

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: 1045 ft
Shaft seal for motor: CER/CARNBR
Approvals on nameplate: CE,GOST2
Curve tolerance: ISO9906:2012 3B

Motor version: T40

Materials:

Impeller:

Pump: Stainless steel

EN 1.4301 AISI 304 Stainless steel

EN 1.4301 AISI 304

Motor: Stainless steel
DIN W.-Nr. 1.4301

AISI 304

Installation:

Pump outlet: R2



Date: 6/14/2019

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Motor diameter: 6 inch

Electrical data:

Motor type: MS6000 Rated power - P2: 17.5 HP Power (P2) required by pump: 17.5 HP Main frequency: 50 Hz

 Rated voltage:
 3 x 380-400-415 V

 Rated current:
 30.0-29.0-29.0 A

 Starting current:
 490-540-560 %

 Cos phi - power factor:
 0.85-0.82-0.79

 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: 78195515

Others:

Minimum efficiency index, MEI : 0.70

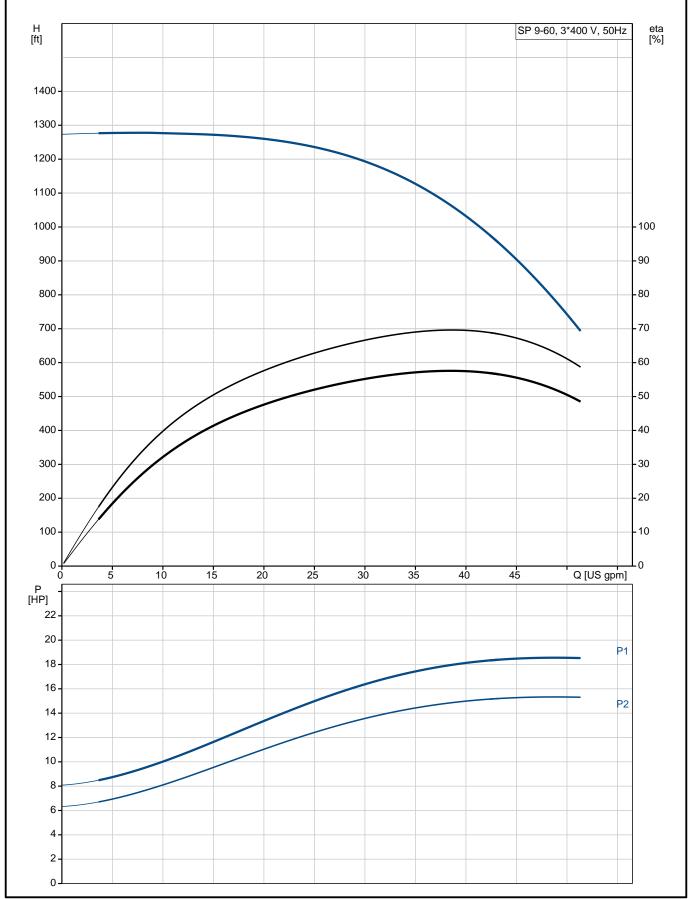
ErP status: EuP Standalone/Prod.

Net weight: 257 lb Gross weight: 378 lb Shipping volume: 17.5 ft³ Danish VVS No.: 388480360



Date: 6/14/2019

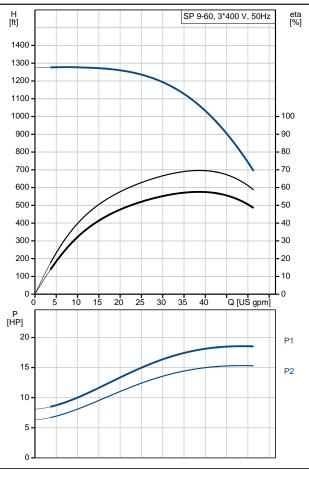
98699076 SP 9-60 50 Hz

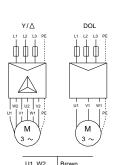




Date: 6/14/2019

Description Constal information:	Value
General information:	SP 9-60
Product name:	
Product No.: EAN:	98699076 5712600106352
Technical:	57 12000 100352
	·
Pump speed on which pump data is based	. 2900 rpm
Rated flow:	39.6 US gpm
Rated head:	1045 ft
Stages:	60
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
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:	R2
Motor diameter:	6 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/ft ³
Electrical data:	
Motor type:	MS6000
Motor type: Applic. motor:	MS6000 NEMA
• • • • • • • • • • • • • • • • • • • •	
Applic. motor:	NEMA
Applic. motor: Rated power - P2:	NEMA 17.5 HP
Applic. motor: Rated power - P2: Power (P2) required by pump:	NEMA 17.5 HP 17.5 HP
Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency:	NEMA 17.5 HP 17.5 HP 50 Hz
Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V
Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A
Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79
Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 %
Applic. motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79 2850-2870-2880 rpm
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:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79 2850-2870-2880 rpm direct-on-line
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):	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79 2850-2870-2880 rpm direct-on-line IP68
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:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79 2850-2870-2880 rpm direct-on-line IP68 F
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:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79 2850-2870-2880 rpm direct-on-line IP68 F NONE external
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:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79 2850-2870-2880 rpm direct-on-line IP68 F NONE
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:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79 2850-2870-2880 rpm direct-on-line IP68 F NONE external yes
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:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79 2850-2870-2880 rpm direct-on-line IP68 F NONE external yes 78195515
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: Minimum efficiency index, MEI:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79 2850-2870-2880 rpm direct-on-line IP68 F NONE external yes
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:	NEMA 17.5 HP 17.5 HP 50 Hz 3 x 380-400-415 V 30.0-29.0-29.0 A 490-540-560 % 0.85-0.82-0.79 2850-2870-2880 rpm direct-on-line IP68 F NONE external yes 78195515





5.51" (GN)

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



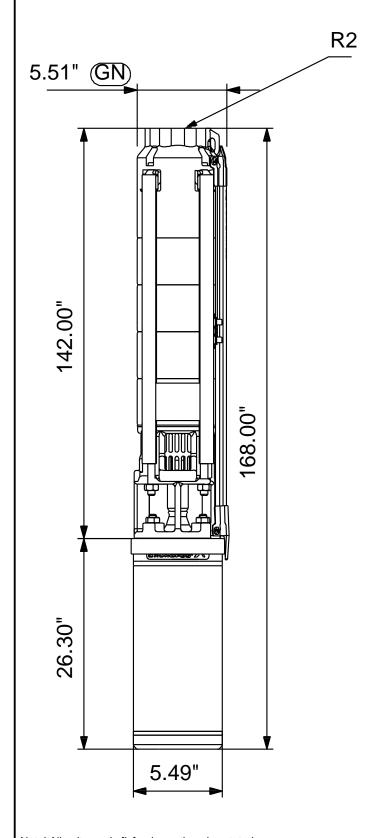
Date: 6/14/2019

Description	Value
Gross weight:	378 lb
Shipping volume:	17.5 ft ³
Danish VVS No.:	388480360



Date: 6/14/2019

98699076 SP 9-60 50 Hz

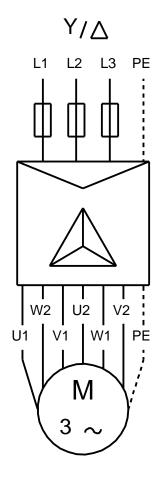


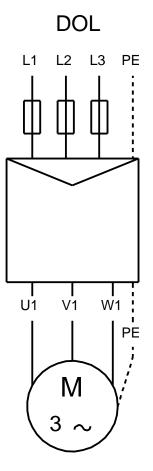
Note! All units are in [in] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



Date: 6/14/2019

98699076 SP 9-60 50 Hz





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

All units are [in] unless otherwise presented.



Date: 6/14/2019

Order Data:

Product name: SP 9-60

Amount: 1

Product No.: 98699076

Total: Price on request