

Date: 2/22/2018

Tender Text



Product photo could vary from the actual product

Product No.: 81595185

5S07-18

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. DIN W.-Nr. 1.4301 and suitable for horizontal and vertical installation.

The pump is fitted with a built-in non-return valve.

The motor is a 1-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
Liquid temperature during operation: 68 °F
Density: 62.29 lb/ft³

Technical:

Speed for pump data: 3450 rpm
Actual calculated flow: 4.81 US gpm
Resulting head of the pump: 357.2 ft
Shaft seal for motor: LIPSEAL

Approvals on nameplate: CE,EAC,CSACOMP,UR Curve tolerance: ISO9906:2012 3B

Materials:

Pump: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Impeller: Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Motor: Stainless steel 1.4301 EN

1.4301 Et AISI 304

Installation:

Pump outlet: 1"NPT Motor diameter: 4 inch



Date: 2/22/2018

Electrical data:

Motor type: MS402 Type of motor: **RSIR** Rated power - P2: 0.75 HP 1.14 HP Power (P2) required by pump: Main frequency: 60 Hz Rated voltage: 1 x 230 V Service factor: 1,5 Rated current: 8.4 A Cos phi - power factor: 0,75 Rated speed: 3450 rpm Start. method: direct-on-line

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

Others:

Net weight: 29.8 lb Gross weight: 33.1 lb



Date: 2/22/2018

Position | Count | Description

1

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DIN W.-Nr. 1.4301

AISI 304

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Motor: Stainless steel

1.4301 EN AISI 304

Installation:

Pump outlet: 1"NPT Motor diameter: 4 inch

Electrical data:

Motor type: MS402



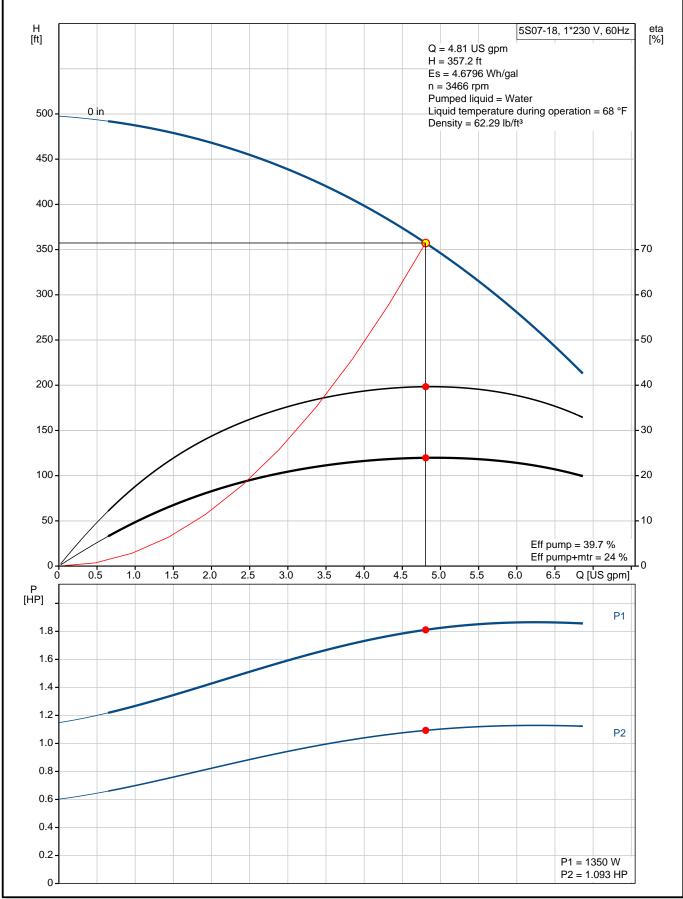
Date: 2/22/2018

			Date:	2/22/2018
Position	Count	Description		
	-		DOID	
		Type of motor:	RSIR	
		Rated power - P2:	0.75 HP	
			1.14 HP	
		Main frequency:	60 Hz	
		Rated voltage:	1 x 230 V	
		Service factor:	1,5	
		Rated current:	8.4 A	
		Cos phi - power factor:	0,75	
		Rated speed:	3450 rpm	
		Start. method:	direct-on-line	
		Enclosure class (IEC 34-5):	IP68	
		Insulation class (IEC 85):	В	
		Built-in temperature transmitter:	No	
		·		
		Others:		
		Net weight:	29.8 lb	
		Gross weight:	33.1 lb	
		Oroco worgin.	00.1 16	
	1			



Date: 2/22/2018

81595185 5S07-18 60 Hz





Date: 2/22/2018

			_,,
Description	Value	H [ft]	5S07-18, 1*230 V, 60Hz eta [%]
General information:			Q = 4.81 US gpm H = 357.2 ft
Product name:	5S07-18	500 0 in	=====
Product No.:	81595185	500-	n = 3466 rpm
EAN:	5700394509787	450	Pumped liquid = Water Liquid temperature during operation = 68 °F
EAN.	5700394509767	_	Density = 62.29 lb/ft ³
Tb:		400	
Technical:			
Speed for pump data:	3450 rpm	350 -	70
Actual calculated flow:	4.81 US gpm	200	
Resulting head of the pump:	357.2 ft	300 -	60
Stages:	18	250	-50
Shaft seal for motor:	LIPSEAL		
Approvals on nameplate:	CE,EAC,CSACOMP,UR	200 -	40
Curve tolerance:	ISO9906:2012 3B		
Pump Number:	8010018	150 -	30
		100	20
Model:	Α		
Valve:	pump with built-in non-return valve	50	10
	HOH-TELUITI VAIVE		Eff pump = 39.7 % Eff pump+mtr = 24 %
		0	0
Materials:		p [1 2 3 4 5 Q [US gpm]
Pump:	Stainless steel	P [HP]	P1
	DIN WNr. 1.4301		
	AISI 304	1.5	
Impeller:	Stainless steel		
	DIN WNr. 1.4301	_	
	AISI 304	1.0	P2
Motor:	Stainless steel		
iviolor.	1.4301 EN	0.5	
		_	P4 4050 W
	AISI 304		P1 = 1350 W P2 = 1.093 HP
luntallation.		_ _	
Installation:	/ III I D T	3.98"	
Pump outlet:	1"NPT	1"NF	रा .
Motor diameter:	4 inch		ī
Liquid:			
Pumped liquid:	Water		
Maximum liquid temperature:	104 °F	20.98"	
Max liquid temperature at 0.15 m/sec:	104 °F	8	
Liquid temperature during operation:	68 °F		
Density:	62.29 lb/ft ³	32.6	
Donotty.	02.20 15/10		
Electrical data:		— † 	
	MS402	— [i	
Motor type:		3.74	
Type of motor:	RSIR	_	
Applic. motor:	NEMA		L
Rated power - P2:	0.75 HP		
Power (P2) required by pump:	1.14 HP	± N	L
KVA code:	N	Ī	T
Main frequency:	60 Hz		
Rated voltage:	1 x 230 V		Ť
Service factor:	1,5		
Rated current:	8.4 A	_	
		_	
Cos phi - power factor:	0,75		
Rated speed:	3450 rpm		
Start. method:	direct-on-line		
Enclosure class (IEC 34-5):	IP68	Green	<u>¥</u>
Insulation class (IEC 85):	В	Greer	Вваск
Motor protection:	CONTACT	_ / /	
Thermal protec:	internal	M	\checkmark
Built-in temperature transmitter:	No		
Dunt-in temperature transmitter.	INO	\1~	/



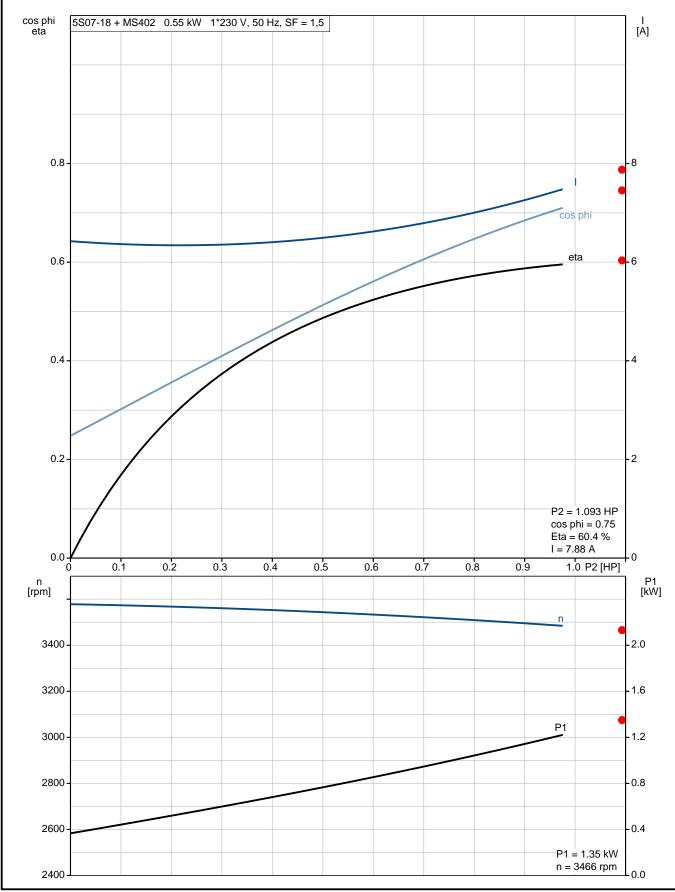
Date: 2/22/2018

Description	Value
Motor Number:	79952103
Others:	
Net weight:	29.8 lb
Gross weight:	33.1 lb
Sales region:	Namreg



Date: 2/22/2018

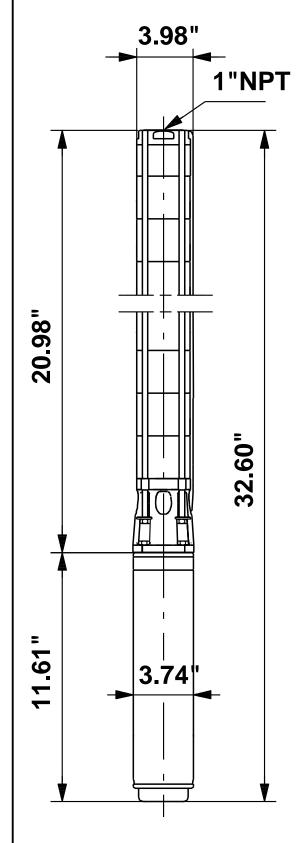
81595185 5S07-18 60 Hz





Date: 2/22/2018

81595185 5S07-18 60 Hz

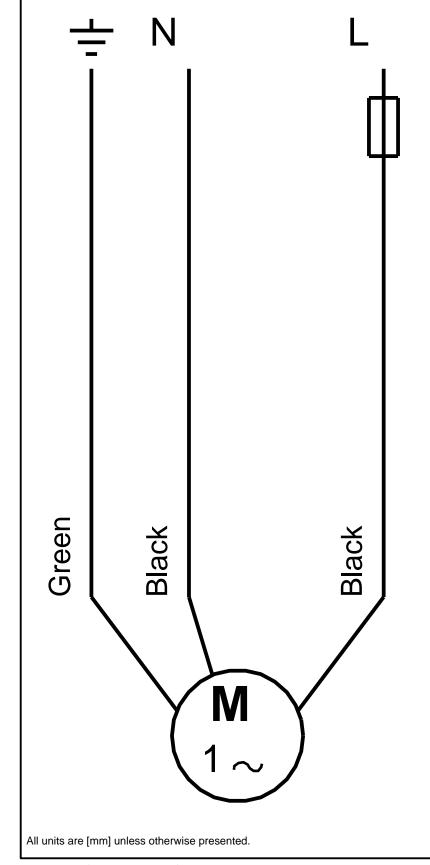


Note! All units are in [mm] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



Date: 2/22/2018

81595185 5S07-18 60 Hz





Date: 2/22/2018

Order Data:

Product name: 5S07-18

Amount: 1

Product No.: 81595185

Total: Price on request