

Date: 2/22/2018

Tender Text



Product photo could vary from the actual product

Product No.: 91545155

10S10-15

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: 9.44 US gpm
Resulting head of the pump: 308.5 ft
Shaft seal for motor: LIPSEAL

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

Materials:

Impeller:

Motor:

Pump: Stainless steel

DIN W.-Nr. 1.4301

AISI 304 Stainless steel

AISI 304

AISI 304

DIN W.-Nr. 1.4301

Stainless steel 1.4301 EN

Installation:

Pump outlet: 1 1/4"NPT Motor diameter: 4 inch



Date: 2/22/2018

Electrical data:

Motor type: MS402 Type of motor: **CSIR** Rated power - P2: 1 HP 1.489 HP Power (P2) required by pump: Main frequency: 60 Hz Rated voltage: 1 x 230 V Service factor: 1,4 Rated current: 9.8 A Cos phi - power factor: 0,82 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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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 AISI 304

Installation:

Pump outlet: 1 1/4"NPT Motor diameter: 4 inch

Electrical data:

Motor type: MS402



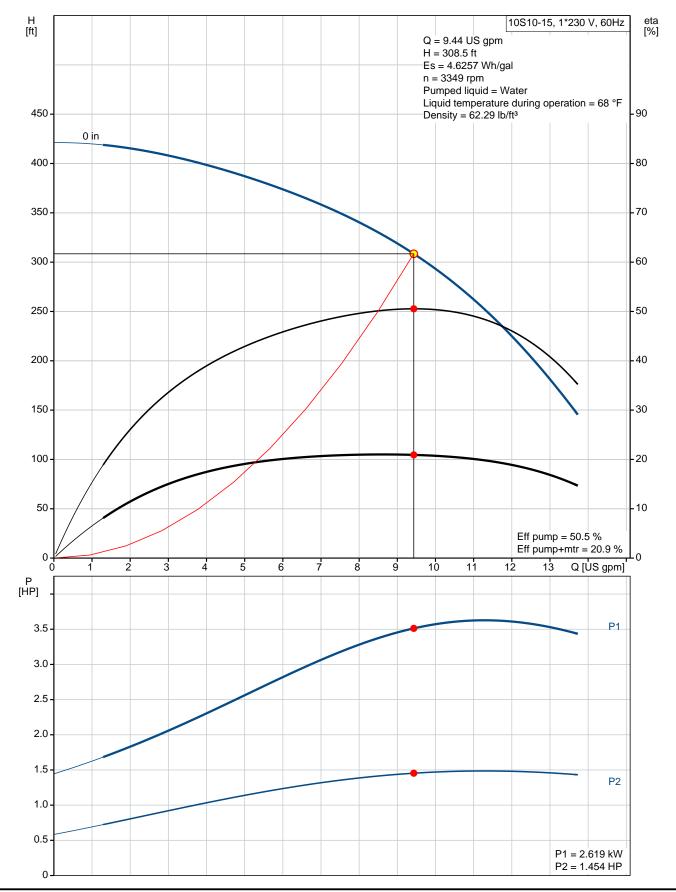
Date: 2/22/2018

			Date:	2/22/2018
Position	Count	Description		
			COID	
		Type of motor:	CSIR	
		Rated power - P2:	1 HP	
		Power (P2) required by pump:	1.489 HP	
		Main frequency:	60 Hz	
		Rated voltage:	1 x 230 V	
		Service factor:	1,4	
		Rated current:	9.8 A	
		Cos phi - power factor:	0,82	
		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	
	I	I		



Date: 2/22/2018

91545155 10S10-15 60 Hz





Date: 2/22/2018

Description	Value	H [ft]	10S10-15, 1*230 V, 60)Hz
General information:			Q = 9.44 US gpm H = 308.5 ft	1
Product name:	10S10-15	450 -	Es = 4.6257 Wh/gal	9
Product No.:	91545155	450 - 0 in	n = 3349 rpm Pumped liquid = Water	
EAN:	5700394510813	400 -	Liquid temperature during operation = 68 Density = 62.29 lb/ft³	°F -8
			45616Hy = 62.2516H	
Technical:	0.450	350		70
Speed for pump data:	3450 rpm	300 -		-6
Actual calculated flow:	9.44 US gpm	300		Γ
Resulting head of the pump:	308.5 ft	250		5
Stages:	15			
Shaft seal for motor:	LIPSEAL	200 -		-4
Approvals on nameplate:	CE,EAC,CSACOMP,UR			
Curve tolerance:	ISO9906:2012 3B	150		-3
Pump Number:	9010015			
Model:	A	100		-2
Valve:	pump with built-in	50-		1
	non-return valve		Eff pump = 50.5 %	
		0	Eff pump+mtr = 20.9	<u> </u>
Materials:		o ż	4 6 8 10 Q [US gp	om]
Pump:	Stainless steel	P [HP]		
	DIN WNr. 1.4301	3.5 -		P
	AISI 304	3.0		
Impeller:	Stainless steel	2.5		
	DIN WNr. 1.4301			
	AISI 304	2.0		
Motor:	Stainless steel	1.5		P:
	1.4301 EN	1.0		
	AISI 304	0.5	P1 = 2.619 k	w
			P2 = 1.454 F	-IP
Installation:		<u></u>		
Pump outlet:	1 1/4"NPT	3.98" 1 1/4"NPT		
Motor diameter:	4 inch	1 1/4 NF1		
Liquid:				
Pumped liquid:	Water			
Maximum liquid temperature:	104 °F			
Max liquid temperature at 0.15 m/sec:	104 °F	— 8 I		
Liquid temperature during operation:	68 °F			
Density:	62.29 lb/ft ³			
- 7				
Electrical data:				
Motor type:	MS402	3.74		
Type of motor:	CSIR	3.74		
Applic. motor:	NEMA			
Rated power - P2:	1 HP	_ + +		
Power (P2) required by pump:	1.489 HP		1	
KVA code:	K	_ ÷ N	L	
Main frequency:	60 Hz		Ф	
Rated voltage:	1 x 230 V	_	Т	
Service factor:	1,4			
Rated current:	9.8 A			
Cos phi - power factor:	0,82			
Rated speed:	3450 rpm			
Start. method:	direct-on-line			
Enclosure class (IEC 34-5):	IP68	Green	Black	
Insulation class (IEC 85):	В	ა (≌ (ä)	
Motor protection:	CONTACT	\ \		
Motor protection.				
Thermal protec:	internal	M	/	



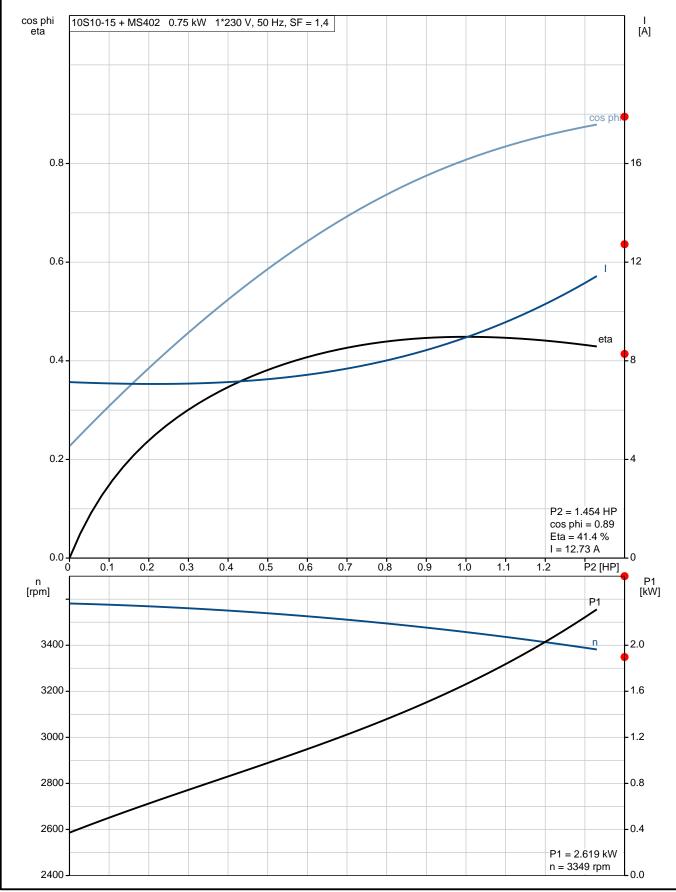
Date: 2/22/2018

Description	Value		
Motor Number:	79453104		
Others:			
Net weight:	29.8 lb		
Gross weight:	33.1 lb		
Sales region:	Namreg		



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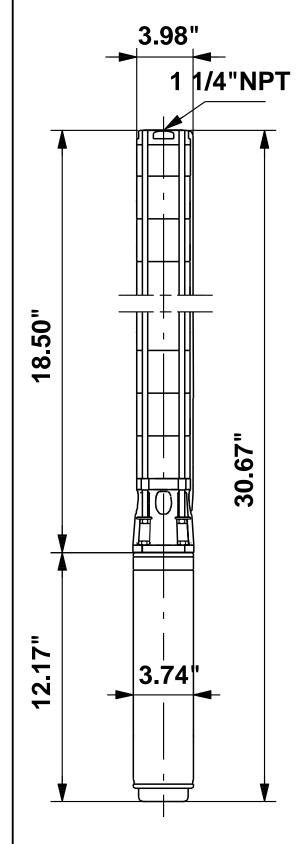
91545155 10S10-15 60 Hz





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91545155 10S10-15 60 Hz

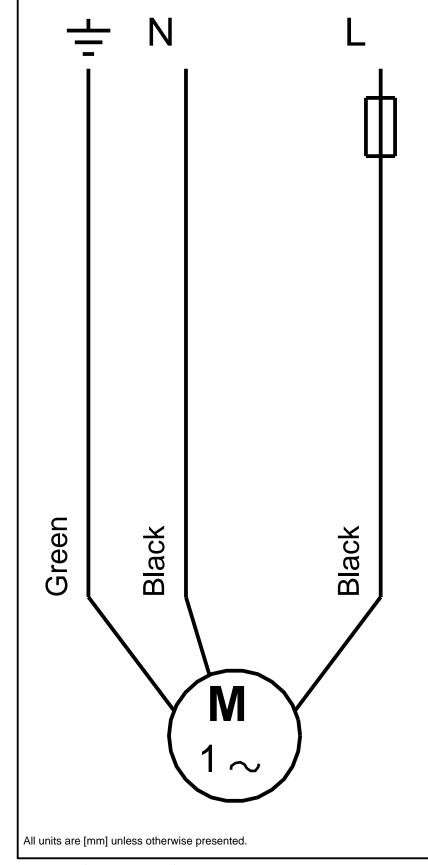


Note! All units are in [mm] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



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91545155 10S10-15 60 Hz





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Order Data:

Product name: 10S10-15

Amount: 1

Product No.: 91545155

Total: Price on request