

**Date:** 2/22/2018

## **Tender Text**



Product photo could vary from the actual product

Product No.: 31595085

**7S05-8** 

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: 6.65 US gpm
Resulting head of the pump: 164 ft
Shaft seal for motor: LIPSEAL

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

Materials:

Impeller:

Pump: Stainless steel

DIN W.-Nr. 1.4301

AISI 304 Stainless steel

DIN W.-Nr. 1.4301

AISI 304

Motor: Stainless steel 1.4301 EN

AISI 304

Installation:

Pump outlet: 1"NPT Motor diameter: 4 inch



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Electrical data:

Motor type: MS402 Type of motor: **RSIR** Rated power - P2: 0.5 HP Power (P2) required by pump: 0.5 HP Main frequency: 60 Hz Rated voltage: 1 x 230 V Service factor: 1,6 Rated current: 6 A Cos phi - power factor: 0,76 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: 21.6 lb Gross weight: 24 lb



**Date:** 2/22/2018

Position | Count | Description

1 **7S05-8** 



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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"NPT Motor diameter: 4 inch

Electrical data:

Motor type: MS402



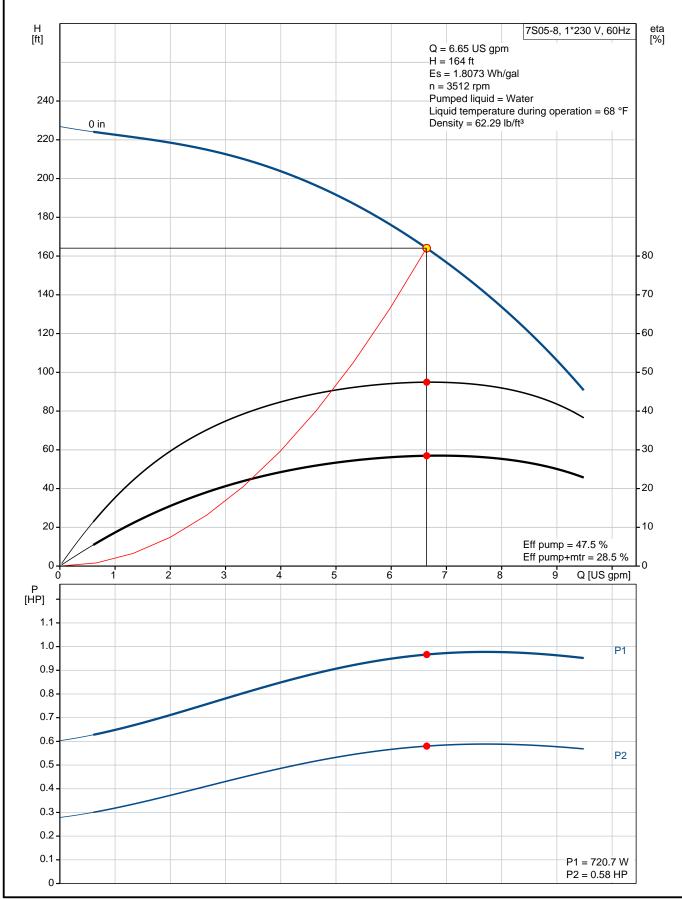
**Date:** 2/22/2018

			Date:	2/22/2018
Position	Count	Description		
	000		DOID	
		Type of motor:	RSIR	
		Rated power - P2:	0.5 HP	
		Power (P2) required by pump:	0.5 HP	
		Main frequency:	60 Hz	
		Rated voltage:	1 x 230 V	
		Service factor:	1,6	
		Rated current:	6 A	
		Cos phi - power factor:	0,76	
		Rated speed:	3450 rpm	
		Start. method:	direct-on-line	
			IP68	
		Enclosure class (IEC 34-5): Insulation class (IEC 85):	В	
		Duilt in temperature transmitters		
		Built-in temperature transmitter:	NO	
		Others:	0.4.0.11	
		Net weight:	21.6 lb	
		Gross weight:	24 lb	



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## 31595085 7S05-8 60 Hz





**Date:** 2/22/2018

		Date:	2/22/2018
Description	Value	H [ft]	7S05-8, 1*230 V, 60Hz eta [%]
General information:			Q = 6.65 US gpm H = 164 ft
Product name:	7S05-8	240 -	Es = 1.8073 Wh/gal
Product No.:	31595085	220 <b>–</b>	n = 3512 rpm Pumped liquid = Water
EAN:	5700394507677		Liquid temperature during operation = 68 °F
		200 -	Density = 62.29 lb/ft <sup>3</sup>
Technical:		180 -	
Speed for pump data:	3450 rpm	160	-80
Actual calculated flow:	6.65 US gpm		
Resulting head of the pump:	164 ft	140	70
Stages:	8	120 -	-60
Shaft seal for motor:	LIPSEAL	100 -	-50
Approvals on nameplate:	CE,EAC,CSACOMP,UR		
Curve tolerance:	ISO9906:2012 3B	80	40
Pump Number:	3010008	60 -	-30
Model:	A	40	20
Valve:	pump with built-in		
	non-return valve	20	Eff pump = 47.5 %
		0	Eff pump+mtr = 28.5 % 0
Materials:		0 1	2 3 4 5 6 7 8 Q [US gpm]
Pump:	Stainless steel	P [HP]	
	DIN WNr. 1.4301	1.0	P1
	AISI 304		
Impeller:	Stainless steel	0.8	
	DIN WNr. 1.4301	0.6	
	AISI 304	0.0	P2
Motor:	Stainless steel	0.4	
	1.4301 EN	0.2	
	AISI 304	0.2	P1 = 720.7 W P2 = 0.58 HP
Installation:		- II - 0 - II - II	F 2 - 0.30 TIF
Pump outlet:	1"NPT	3.98"	
Motor diameter:	4 inch	1"NF	रा
iviolor diameter.	4 111011		Г
Liquid:			
Pumped liquid:	Water		
Maximum liquid temperature:	104 °F		
Max liquid temperature at 0.15 m/sec:		12.72"	
Liquid temperature during operation:	68 °F	_	
Density:	62.29 lb/ft³		
<b></b> ,			
Electrical data:		_	
Motor type:	MS402	89. 13.74	
Type of motor:	RSIR	3.74	
Applic. motor:	NEMA	— <u>[ [</u> ] ]	
Rated power - P2:	0.5 HP		L
Power (P2) required by pump:	0.5 HP	<del></del> N	1
KVA code:	R	_ ÷ N	L
Main frequency:	60 Hz	_	$\prod$
Rated voltage:	1 x 230 V	_	Т
Service factor:	1,6	_	
Rated current:	6 A	_	
Cos phi - power factor:	0,76	_	
Rated speed:	3450 rpm	_	
Start. method:	direct-on-line		
Enclosure class (IEC 34-5):	IP68	_ [	
Insulation class (IEC 85):	В	Green Black	Back
Motor protection:	CONTACT	_ ~ ( " (	7
	internal	- \ <u>_</u>	/
Thermal protec:		_ YM`	Υ
Built-in temperature transmitter:	No	\1~,	/



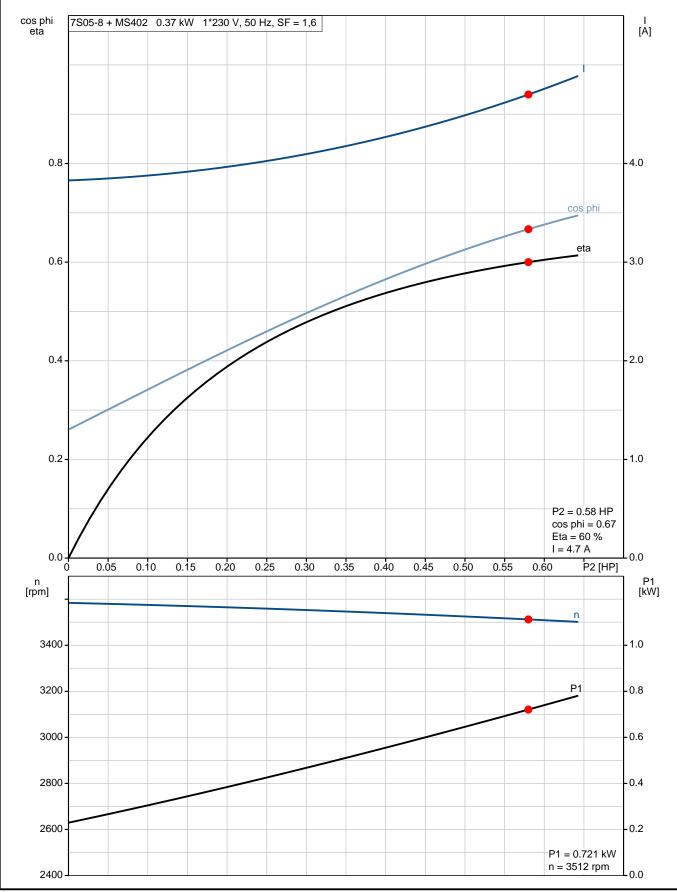
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Description	Value		
Motor Number:	79952102		
Others:			
Net weight:	21.6 lb		
Gross weight:	24 lb		
Sales region:	Namreg		



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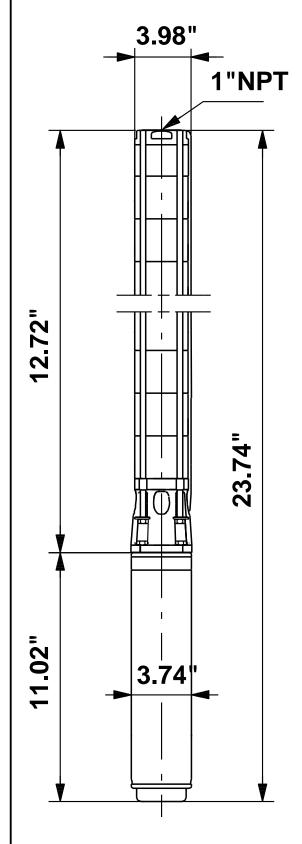
## 31595085 7S05-8 60 Hz





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## 31595085 7S05-8 60 Hz

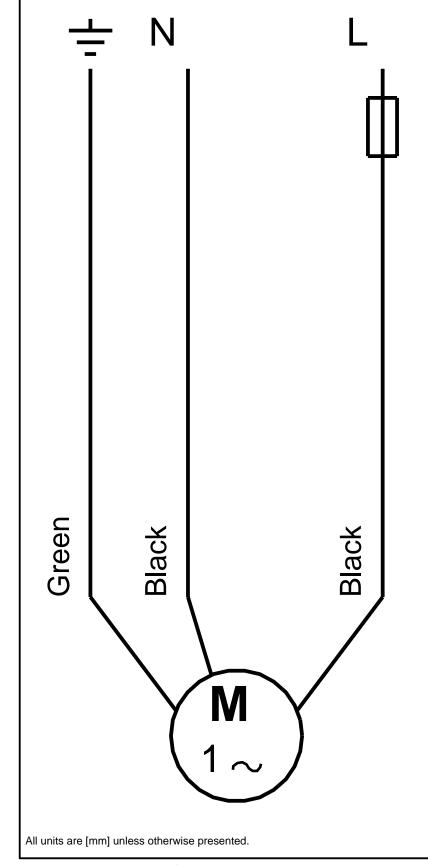


Note! All units are in [mm] unless otherwise stated. Disclaimer: This simplified dimensional drawing does not show all details.



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31595085 7S05-8 60 Hz





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**Order Data:** 

Product name: 7S05-8 Amount: 1

Product No.: 31595085

Total: Price on request