

Date:

2/22/2018

Tender Text



Product photo could vary from the actual product

Product No.: 51545055 25S07-5

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:WaterMaximum liquid temperature:104 °FMax liquid temperature at 0.15 m/sec:104 °FLiquid temperature during operation:68 °FDensity:62.29 lb/ft³

Technical:

Speed for pump data:	3450 rpm
Actual calculated flow:	26.4 US gpm
Resulting head of the pump:	95.84 ft
Shaft seal for motor:	LIPSEAL
Approvals on nameplate:	CE,EAC,CSACOMP,UR
Curve tolerance:	ISO9906:2012 3B

Materials:

Pump:	Stainless steel
	DIN WNr. 1.4301
	AISI 304
Impeller:	Stainless steel
	DIN WNr. 1.4301
	AISI 304
Motor:	Stainless steel
	1.4301 EN
	AISI 304
Installation:	
Pump outlet:	1 1/2"NPT
Motor diameter:	4 inch



Date:

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Electrical data:

Motor type:	MS402
Type of motor:	CSIR
Rated power - P2:	0.75 HP
Power (P2) required by pump:	1.059 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:	23.4 lb
Gross weight:	26 lb



Date: 2/22/2018 Position Count | Description 25S07-5 1 Product photo could vary from the actual product Product No.: 51545055 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: 26.4 US gpm Resulting head of the pump: 95.84 ft Shaft seal for motor: LIPSEAL Approvals on nameplate: CE,EAC,CSACOMP,UR Curve tolerance: ISO9906:2012 3B Materials: Stainless steel Pump: DIN W.-Nr. 1.4301 AISI 304 Stainless steel Impeller: DIN W.-Nr. 1.4301 AISI 304 Motor: Stainless steel 1.4301 EN AISI 304 Installation: Pump outlet: 1 1/2"NPT Motor diameter: 4 inch **Electrical data:**

MS402

Motor type:



			Date:	2/22/2018
Position	Count	Description		
		Type of motor: Rated power - P2: Power (P2) required by pump: Main frequency: Rated voltage: Service factor: Rated current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5): Insulation class (IEC 85): Built-in temperature transmitter:	CSIR 0.75 HP 1.059 HP 60 Hz 1 x 230 V 1,5 8.4 A 0,75 3450 rpm direct-on-line IP68 B No	
		Others: Net weight: Gross weight:	23.4 lb 26 lb	



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		Date:	2/22/2	018		
Description	Value	H [ft]		25\$07-5,	1*230 V, 60Hz	eta [%]
General information:	Fuldo	- ``	Q = 26.4 L			
Product name:	25S07-5		H = 95.84 Es = 1.356			
Product No.:	51545055	160 -	n = 3361 r	pm		
		0 in		quid = Water perature during ope	eration = 68 °F	
EAN:	5700394508391	140		62.29 lb/ft ³		
Technical:		_				
	2450 rpm	120 -				
Speed for pump data:	3450 rpm					
Actual calculated flow:	26.4 US gpm	100				100
Resulting head of the pump:	95.84 ft			<u> </u>		
Stages:	5	80 -				- 80
Shaft seal for motor:	LIPSEAL					
Approvals on nameplate:	CE,EAC,CSACOMP,UR	60 -				60
Curve tolerance:	ISO9906:2012 3B					
Pump Number:	5010005	40 -				40
Model:	A					-10
Valve:	pump with built-in	20-				20
	non-return valve			Eff pump	e = 60.8 % e+mtr = 22.2 %	20
Materials:		0	5 10 15	20 25	Q [US gpm]	Lο
Pump:	Stainless steel	Р - [НР]				1
·Pr •	DIN WNr. 1.4301	[TP]				-
	AISI 304	— [P1
Impollory		2.5 -				
Impeller:	Stainless steel	2.0 -				
	DIN WNr. 1.4301					
	AISI 304	1.5 -				
Motor:	Stainless steel 1.4301 EN	1.0		•		P2
	AISI 304	0.5			P1 = 2.15 kW	
	AISI 304	_			P1 = 2.15 kW P2 = 1.052 HP	
Installation:					1 1	_
Pump outlet:	1 1/2"NPT	3.98" 1 1/2"NF				
Motor diameter:	4 inch	1 <u>1/2"NF</u>	Υ			
			Ţ			
Liquid:						
Pumped liquid:	Water					
Maximum liquid temperature:	104 °F	10.24"				
Max liquid temperature at 0.15 m/sec:	104 °F	÷				
Liquid temperature during operation:	68 °F					
Density:	62.29 lb/ft ³	21.85"				
Electrical data:		— † [Ŧ]				
Motor type:	MS402	- <u>-</u>				
Type of motor:	CSIR	59. € <u>3.74</u> "				
		_				
Applic. motor:	NEMA		_			
Rated power - P2:	0.75 HP					
Power (P2) required by pump:	1.059 HP	÷Ν	L			
KVA code:	L		Ч			
Main frequency:	60 Hz		Ψ			
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	- ₌ _	,			
		Green Black	Black			
Insulation class (IEC 85):	B	_ ~\"\	"/			
Motor protection:	CONTACT	$- \land \vdash$				
Thermal protec:	internal	_ YM`	Y			
Built-in temperature transmitter:	No	$\sqrt{1}$)			

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		-		
		Date:	2/22/2018	
Description	Value			
Motor Number:	79453103			
Others:				
Net weight:	23.4 lb			
Gross weight:	26 lb			
Sales region:	Namreg			



cos phi

eta

0.8

0.6

0.4

Company name: Created by: Phone:







2/22/2018

Date:

51545055 25S07-5 60 Hz







2/22/2018

Order [Data:
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Product name:25S07-5Amount:1Product No.:51545055

Total: Price on request