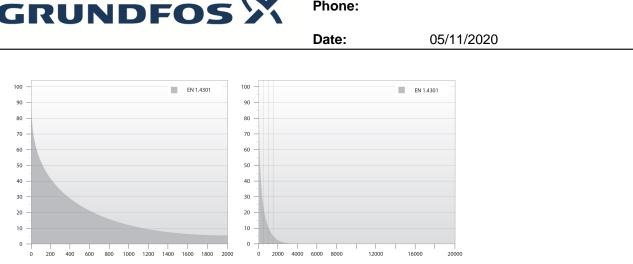




Company name: Created by: Phone:



The elastomer parts in the pump are made of NBR (Nitrile-Butadiene Rubber) which ensures good wear resistance and long service intervals.

In case the pump is used for pumping water with high content of hydrocarbons or solvents, Grundfos offers FKM rubber parts (Fluorocarbon) which are oil and temperature-resistant up to 90 °C.

The pump is built with octagonal bearings with sand flush channels that minimise wear. As wear of the pump is inevitable, the pump design allows for easy replacement of all internal wear parts (bearings, impeller, wear rings and seal rings) to maintain high performance and a long lifetime.

The suction interconnector is fitted with a strainer to prevent large particles from entering the pump. The suction interconnector is designed to comply with NEMA standards for motor mounting/dimensions.

Motor

The stator is hermetically encapsulated in stainless steel and the windings are embedded in polymer compound. This results in high mechanical stability, optimum cooling and reduces the risk of short circuits in the windings.

The shaft seal faces are ceramic/carbon. The material combination provides good dry-running resistance. Together with the shaft seal housing, the sand shield forms a labyrinth seal, which during normal operating conditions prevents penetration of sand particles into the shaft seal.

The motor is fitted with the Grundfos Tempcon temperature sensor device that includes a NTC-resistor which senses the temperature. The resistor is built-in close to the winding. The temperature is converted into a high-frequency signal which is sent via the submersible drop cable and which can be converted into a temperature reading by means of Grundfos MP204.

The MP204 is an electronic motor protection device that also monitors the supply network quality to protect the submersible motor against supply network disturbances.

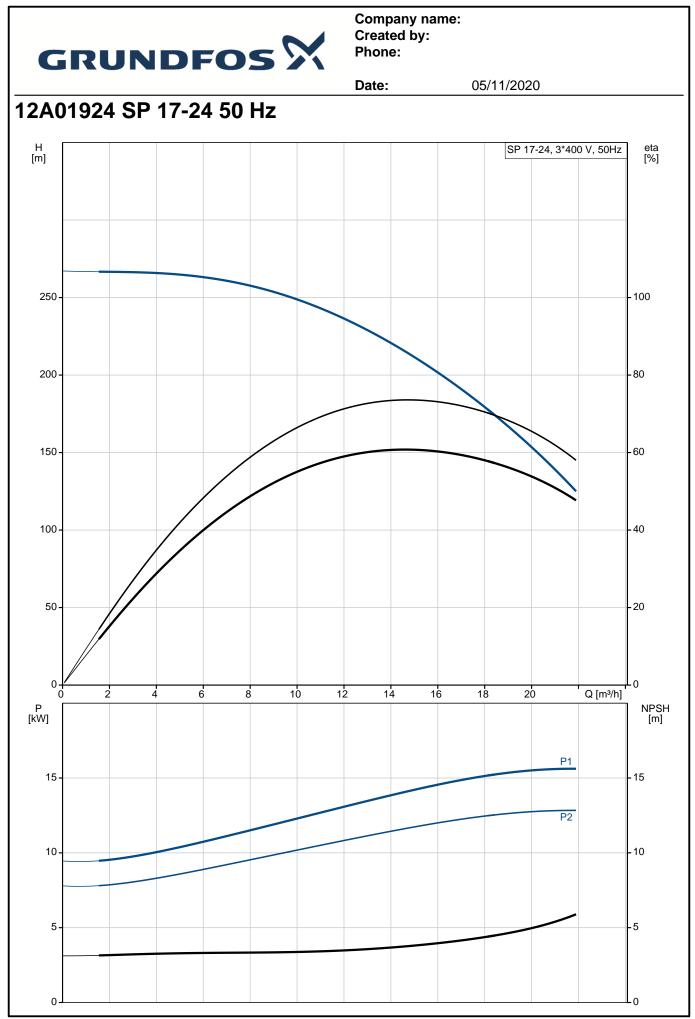


Liquid:	
Pumped liquid:	Water
Maximum liquid temperature:	40 °C
Max liquid t at 0.15 m/sec:	40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m³
Technical: Pump speed on which pump da Rated flow: Rated head: Shaft seal for motor: Approvals on nameplate:	tta are based: 2900 rpm 17 m³/h 197 m CER/CARNBR CE,GOST2



Company name:

	GRUNDFO	osX	Created by: Phone: Date:	05/11/2020
	Description		Date:	05/11/2020
Ī	Curve tolerance: Motor version:	ISO9906:2012 3B T40		
	Materials:			
	Pump:	Stainless steel EN 1.4301 AISI AISI 304		
	Impeller:	Stainless steel EN 1.4301 AISI AISI 304		
	Motor:	Stainless steel DIN WNr. 1.4301 AISI 304		
	Installation:			
	Pump outlet: Motor diameter:	RP2 1/2		
	Motor diameter:	6 inch		
	Electrical data:	1100000		
	Motor type: Rated power - P2:	MS6000 13 kW		
	Power (P2) required by pump:	13 kW		
	Mains frequency:	50 Hz		
	Rated voltage:	3 x 380-400-415 V		
l	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		
l	Built-in temp. transmitter:	yes		
	Motor No:	78195515		
	Others:			
	Minimum efficiency index, MEI	≥: 0.70		
	ErP status:	EuP Standalone/Proc	d.	
	Net weight:	88.6 kg		
	Gross weight:	124 kg		
	Shipping volume:	0.295 m³		
	Danish VVS No.:	388336240		
	Country of origin:	DK		
	Custom tariff no .:	84137029		
l				
1				





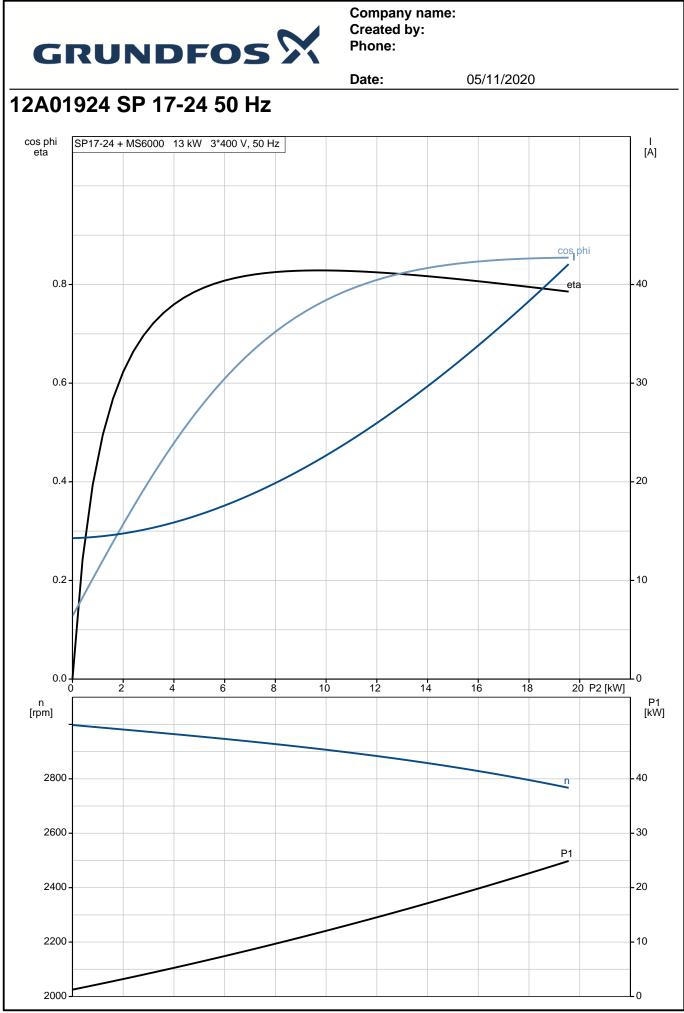
Company name: Created by: Phone:

		Date:	05/11/			
Description	Value	H [m]		SP 17-24, 3*4	400 V, 50Hz	eta [%]
General information:						
Product name:	SP 17-24		_			
Product No:	12A01924					
EAN number:	5700391131769					
Price:	GBP 6101	250 -				- 100
Technical:						
Pump speed on which pump data are based:	2900 rpm	200 -				- 80
Rated flow:	17 m³/h					
Rated head:	197 m	150 -				- 60
Stages:	24				\sim	
Impeller reduc.:	NONE				~	
Shaft seal for motor:	CER/CARNBR	100 -				- 40
Approvals on nameplate:	CE,GOST2					
Curve tolerance:	,					
	ISO9906:2012 3B	50-				- 20
Model:	В					
Valve:	YES					
Motor version:	T40	0 4	5 10	15	Q [m³/h]	L ₀
Materials:		P	- 10		(۱۱۰/۱۱] پې	NPS
Pump:	Stainless steel	P [kW]				[m]
Pump:	EN 1.4301	15 -			P1	- 15
Pump:	AISI AISI 304	13				. 13
Impeller:	Stainless steel				P2	
Impeller:	EN 1.4301	10-				- 10
Impeller:	AISI AISI 304					
Motor:	Stainless steel	_			/	
Motor:	DIN WNr. 1.4301	5 -				-5
Motor:	AISI 304					
Installation:						Lo
Pump outlet:	RP2 1/2	I				
Motor diameter:	6 inch	142 GN	2			
Liquid:	0 1101					
Pumped liquid:	Water					
Maximum liquid temperature:	40 °C					
	40 °C					
Max liquid t at 0.15 m/sec:		1133				
Selected liquid temperature:	20 °C					
Density:	998.2 kg/m ³	7400				
Electrical data:	10000					
Motor type:	MS6000					
Applic. motor:	GRUNDFOS					
Rated power - P2:	13 kW	667				
Power (P2) required by pump:	13 kW					
Mains frequency:	50 Hz	120 5				
Rated voltage:	3 x 380-400-415 V	139.5				
Rated current:	30.0-29.0-29.0 A					
Starting current:	490-540-560 %					
Cos phi - power factor:	0.85-0.82-0.79	Y/∆	DOL			
Rated speed:	2850-2870-2880 rpm					
Start. method:	direct-on-line	<u> </u>	<u> </u>			
Enclosure class (IEC 34-5):	IP68					
Insulation class (IEC 85):	F					
Motor protec:	NONE	W2 U2 V2				
Thermal protec:		U1 V1 W1 PE				
	external	M	M			
Built-in temp. transmitter:	yes	3~	3~			
Motor No:	78195515					
Others:		U1, W2 V1, U2	Brown Black			
Minimum efficiency index, MEI ≥:	0.70		Grey			
ErP status:	EuP Standalone/Prod.					

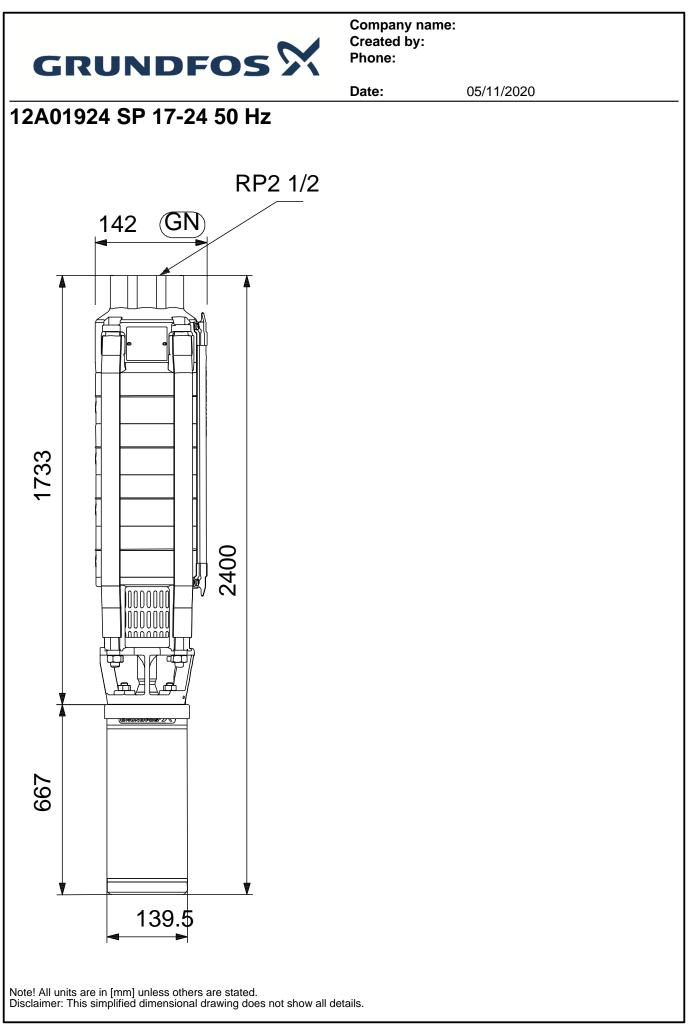


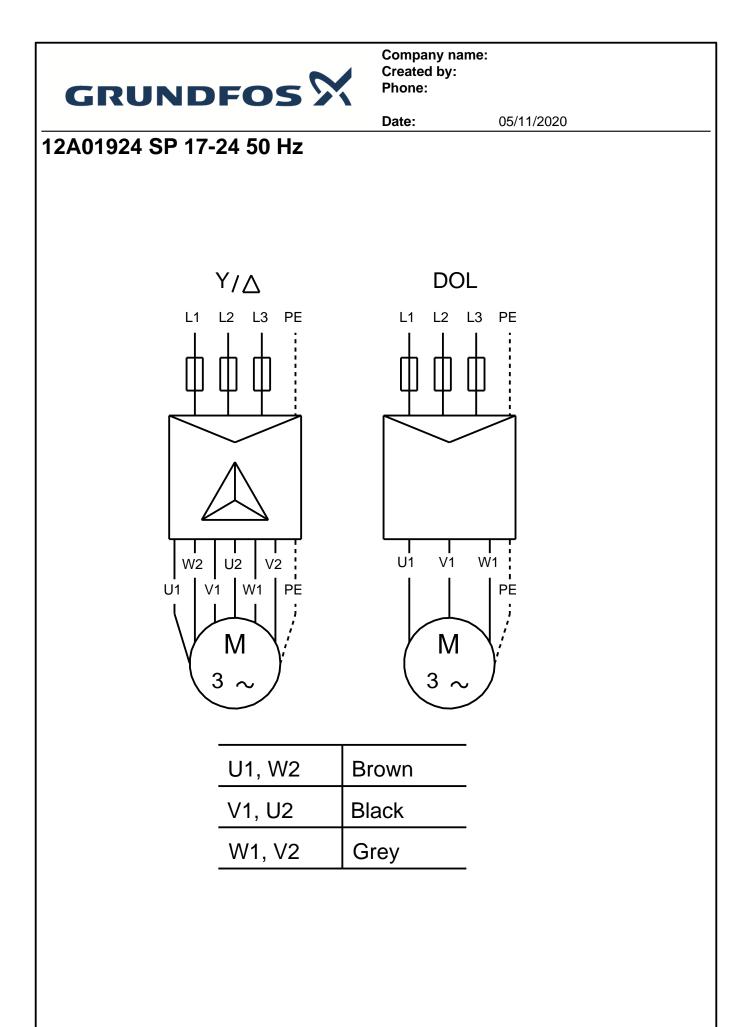
Company name: Created by: Phone:

		Date:	05/11/2020
Description	Value		
Net weight:	88.6 kg	-	
Gross weight:	124 kg		
Shipping volume:	0.295 m ³		
Danish VVS No.:	388336240		
Country of origin:	DK		
Custom tariff no.:	84137029		



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Note! All units are in [mm] unless others are stated.