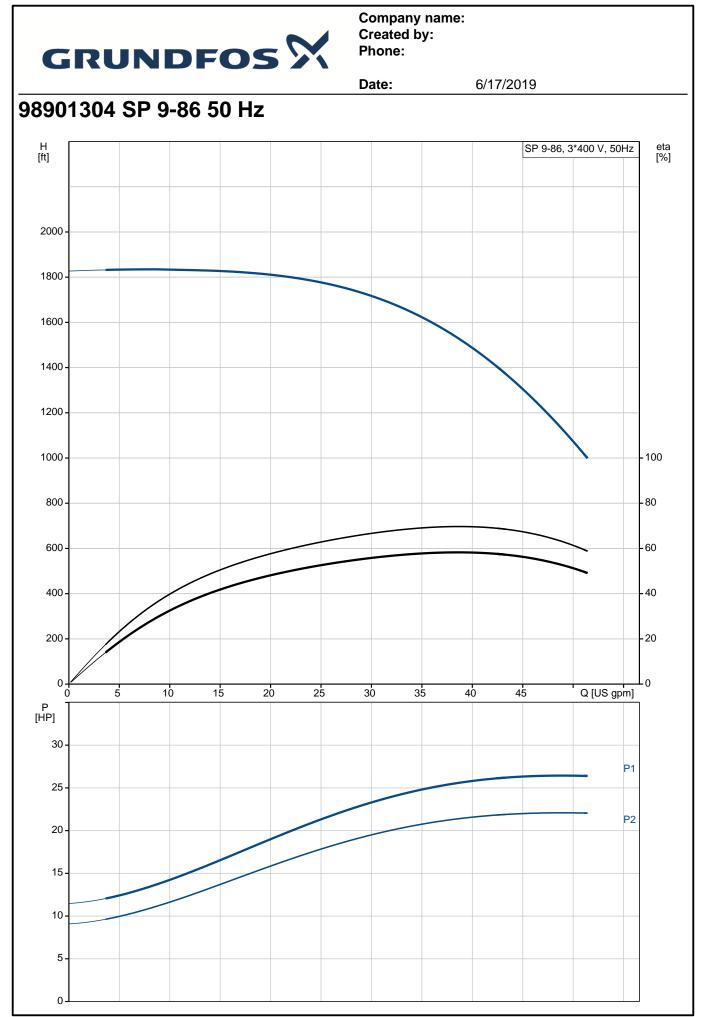
C	RUNDFO	5 2	Company name: Created by: Phone:						
			Date:	6/17/2019					
Count	Description								
1	SP 9-86								
		Product photo cou	ld vary from the actual pr	oduct					
	Product No.: 98901304								
	Submersible borehole pump, suitable for pumping clean water. Can be installed vertically or horizontally. All steel components are made in stainless steel, EN 1.4301 (AISI 304), that ensures high corrosive resistance. This pump carries drinking water approval. The pump is fitted with a 25 kW MS6000 motor with sand shield, mechanical shaft seal, water-lubricated journal bearings and a volume compensating diaphragm. The motor is a canned type submersible motor offering good mechanical stability and high efficiency. Suitable for temperatures up to 40 °C.								
	The motor is fitted with the Grundfos Tempcon sensor that, by use of powerline communication together with a MP204 control panel, enables temperature monitoring. The motor is for direct-on-line starting (DOL).								
	Liquid:								
	Pumped liquid: Maximum liquid temperature:	Water 104 °F							
	Maximum inquid temperature. Max liquid temperature at 0.15 r								
	Selected liquid temperature:	68 °F							
	Density:	62.29 lb/ft <sup>3</sup>							
	Technical:								
	Pump speed on which pump da		pm						
	Rated flow:	39.6 US gpm							
	Rated head: Shaft seal for motor:	1500 ft CER/CARNBR							
	Approvals on nameplate:	CE,GOST2							
	Curve tolerance:	ISO9906:2012 3B							
	Motor version:	T40							
	Materials:								
	Pump:	Stainless steel							
		EN 1.4301							
	Impeller:	AISI 304 Stainless steel							
		EN 1.4301							
	Motor:	AISI 304 Stainless steel DIN WNr. 1.4301 AISI 304							
	Installation: Pump outlet:	R2							
	Motor diameter:	R2 6 inch							



	Dat	 6/17/2019	
Description			
Electrical data:			
Motor type:	MS6000		
Rated power - P2:	25 HP		
Power (P2) required by pump:	25 HP		
Main frequency:	50 Hz		
Rated voltage:	3 x 380-400-415 V		
Rated current:	42.0-41.0-41.5 A		
Starting current:	510-560-580 %		
Cos phi - power factor:	0.85-0.82-0.79		
Rated speed:	2860-2880-2890 rpm		
Start. method:	direct-on-line		
Enclosure class (IEC 34-5):	IP68 F		
nsulation class (IEC 85):			
Built-in temperature transmitter Motor Number:	yes 78195517		
viotor Number:	78195517		
Others:			
Minimum efficiency index, MEI	: 0.70		
ErP status:	EuP Standalone/Prod.		
Net weight:	329 lb		
Gross weight:	472 lb		
Shipping volume:	22.4 ft <sup>3</sup>		
Danish VVS No.:	388461386		



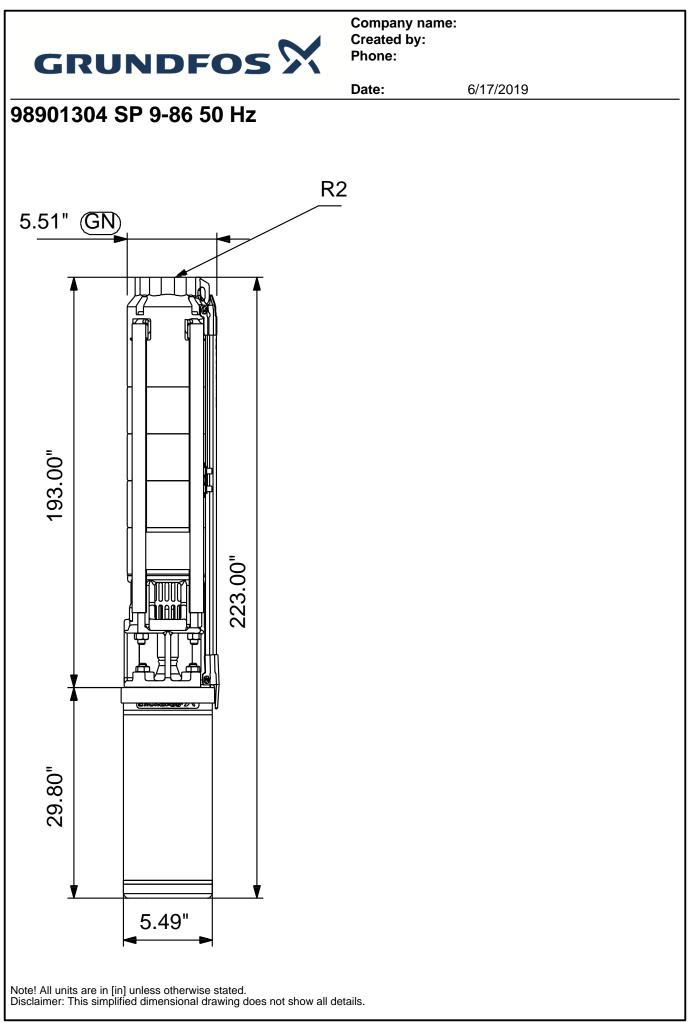


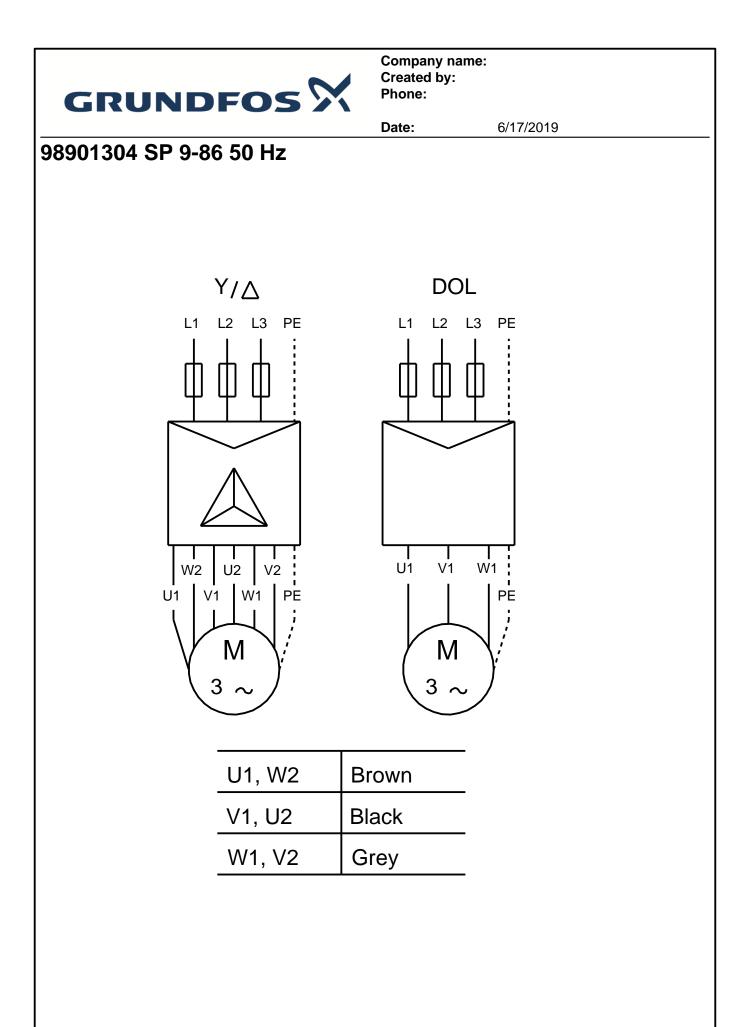
		·				0.00.0*465.14	<u>م</u>
Description	Value	H [ft]			SF	9-86, 3*400 V, 50Hz	z et [%
General information:							_
Product name:	SP 9-86	2000 -					_
Product No.:	98901304	2000					
EAN:	5712603262178	1800 -					_
Technical:		-					
Pump speed on which pump data is based:	2900 rpm	1600 -					_
Rated flow:	39.6 US gpm	1400 -					
Rated head:	1500 ft	1200 -					_
Stages:	86	1000 -				<b>`</b>	- 100
Impeller reduc.:	NONE	000					
Shaft seal for motor:	CER/CARNBR	800 -					80
Approvals on nameplate:	CE,GOST2	600 -					- 60
Curve tolerance:	ISO9906:2012 3B						
Model:	Α	400 -					- 40
Valve:	YES						
Motor version:	T40	200 -	/				- 20
Materials:		0					
Pump:	Stainless steel	0	5 10	15 20 25	30 35	40 Q [US gpm	]
	EN 1.4301	P [HP]					
	AISI 304	[in]					-
							P1
Impeller:	Stainless steel	25 -					_
	EN 1.4301	20 -					P2
	AISI 304						
Motor:	Stainless steel	15 -					_
	DIN WNr. 1.4301	10 -					_
	AISI 304	_					
Installation:		5 -					_
Pump outlet:	R2						
Motor diameter:	6 inch	I					
Liquid:	0	5.51" (GN)	<u>R2</u>				
Pumped liquid:	Water		-				
Maximum liquid temperature:	104 °F		t				
	104 °F						
Max liquid temperature at 0.15 m/sec:							
Selected liquid temperature:	68 °F	193.00"					
Density:	62.29 lb/ft <sup>3</sup>	193					
Electrical data:			.0				
Motor type:	MS6000		223.00				
Applic. motor:	NEMA	, kiita					
Rated power - P2:	25 HP						
Power (P2) required by pump:	25 HP	29.80					
Main frequency:	50 Hz	53					
Rated voltage:	3 x 380-400-415 V		_				
Rated current:	42.0-41.0-41.5 A	5.49"	-				
Starting current:	510-560-580 %	·					
-							
Cos phi - power factor:	0.85-0.82-0.79	Y/.	^	DOL			
Rated speed:	2860-2880-2890 rpm		L3 PE	LI L2 L3 PE			
Start. method:	direct-on-line	. фф	μ	фф			
Enclosure class (IEC 34-5):	IP68		۲.	ŢŢŢ			
Insulation class (IEC 85):	F			~			
Motor protection:	NONE		$\overline{7} \mid \overline{1}$				
Thermal protec:	external	W2 U2		U1 V1 W1			
Built-in temperature transmitter:	yes		W1 PE	PE			
Motor Number:	78195517	М	r Y	(M)			
	10100011	3.	ン	3~			
Others:							
Others:	0.70		1 W2 Brow	vn			
Others: Minimum efficiency index, MEI :	0.70		1, W2 Brow 1, U2 Blac				
	0.70 EuP Standalone/Prod.	V		k			

Printed from Grundfos Product Center [2019.03.001]



Date:6/17/2019DescriptionValueGross weight:472 lbShipping volume:22.4 ft³Danish VVS No.:388461386





All units are [in] unless otherwise presented.



6/17/2019

Order Data:

Product name: SP 9-86 Amount: 1 Product No.: 98901304

Total: Price on request