	GRUNDFOS		Company name: Created by: Phone:				
			Date:	15/11/2019			
Qty.	Description						
1	SP 17-7						
		Note! Product pictu	re may differ from ac	ctual product			
	Product No.: 12A01907						
	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 4 kW MS4000 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 not fitted with a temperature sensor. If temperature monitoring is desired, a Pt1000 sensor can be fitted.						
	The motor is for direct-on-line starting (DOL).						
	Liquid: Pumped liquid: Maximum liquid temperature: Max liquid t at 0.15 m/sec: Selected liquid temperature: Density at selected liquid temperature	Water 40 °C 40 °C 20 °C erature: 998.2 kg/m ³					
	Technical: Pump speed on which pump da Rated flow: Rated head: Shaft seal for motor: Approvals on nameplate: Curve tolerance: Motor version:	ta are based: 2900 17 m ^{3/h} 57 m HM/CER CE,EAC ISO9906:2012 3B T40	rpm				
	Materials:						
	Pump:	Stainless steel EN 1.4301 AISI 304					
	Impeller:	Stainless steel EN 1.4301					

AISI 304

AISI 304

RP2 1/2

4 inch

Stainless steel DIN W.-Nr. 1.4301

Motor:

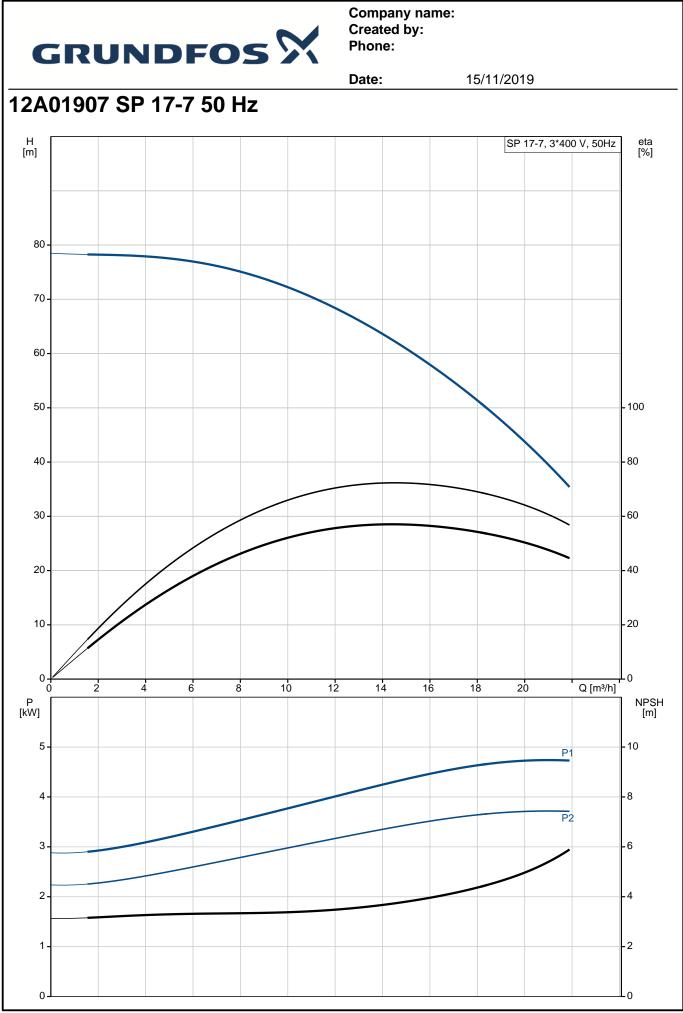
Installation: Pump outlet:

Motor diameter:



Company name: Created by: Phone:

Elec: Moto Rate Powe Main Rate Rate Start Cos Rate Start Encle Insul Built- Moto Othe Minir ErP s Net v Gros Ship	num efficiency index, MEI status: veight: s weight: bing volume:	50 Hz 3 x 380-400-415 V 9.75-9.60-9.80 A 460-500-530 % 0.85-0.80-0.77 2850-2865-2875 rpm direct-on-line IP68 F no 79194510		
Moto Rate Powe Main Rate Start Cos Rate Start Encle Insul Built- Moto Othe Minir ErP s Net v Gros Ship	r type: d power - P2: er (P2) required by pump: s frequency: d voltage: d current: ing current: ohi - power factor: d speed: . method: osure class (IEC 34-5): ation class (IEC 34-5): ation class (IEC 85): in temp. transmitter: r No: ers: num efficiency index, MEI status: veight: s weight: oing volume:	4 kW 4 kW 50 Hz 3 x 380-400-415 V 9.75-9.60-9.80 A 460-500-530 % 0.85-0.80-0.77 2850-2865-2875 rpm direct-on-line IP68 F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	l.	
Rate Powe Main Rate Start Cos Rate Start Enclo Insul Built- Moto Othe Minir ErP s Net v Gros Ship	d power - P2: er (P2) required by pump: s frequency: d voltage: d current: phi - power factor: d speed: . method: osure class (IEC 34-5): ation class (IEC 34-5): ation class (IEC 85): in temp. transmitter: r No: ers: num efficiency index, MEI status: veight: s weight: oing volume:	4 kW 4 kW 50 Hz 3 x 380-400-415 V 9.75-9.60-9.80 A 460-500-530 % 0.85-0.80-0.77 2850-2865-2875 rpm direct-on-line IP68 F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	L.	
Power Main Rate Rate Start Cos Rate Start Enclo Insul Built- Moto Othe Minir ErP s Net v Gros Ship	er (P2) required by pump: s frequency: d voltage: d current: ing current: phi - power factor: d speed: . method: osure class (IEC 34-5): ation class (IEC 85): in temp. transmitter: r No: ers: num efficiency index, MEI status: veight: s weight: oing volume:	4 kW 50 Hz 3 x 380-400-415 V 9.75-9.60-9.80 A 460-500-530 % 0.85-0.80-0.77 2850-2865-2875 rpm direct-on-line IP68 F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg		
Main Rate Rate Start Cos Rate Start Encle Insul Built- Moto Othe Minir ErP s Net v Gros Ship	s frequency: d voltage: d current: ing current: phi - power factor: d speed: . method: bsure class (IEC 34-5): ation class (IEC 85): in temp. transmitter: r No: ers: num efficiency index, MEI status: veight: s weight: bing volume:	50 Hz 3 x 380-400-415 V 9.75-9.60-9.80 A 460-500-530 % 0.85-0.80-0.77 2850-2865-2875 rpm direct-on-line IP68 F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	L	
Rate Rate Start Cos Rate Start Enclo Insul Built- Moto Othe Minir ErP s Net v Gros Ship	d voltage: d current: ing current: phi - power factor: d speed: . method: poure class (IEC 34-5): ation class (IEC 85): in temp. transmitter: r No: rs: num efficiency index, MEI status: veight: s weight: poure class (IEC 85): s weight: poure class (IEC 85): s weight: poure class (IEC 85): s weight: poure class (IEC 85): s weight: pour cl	3 x 380-400-415 V 9.75-9.60-9.80 A 460-500-530 % 0.85-0.80-0.77 2850-2865-2875 rpm direct-on-line IP68 F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	L	
Rate Start Cos Rate Start Enclo Insul Built- Moto Othe Minir ErP s Net v Gros Ship	d current: ing current: phi - power factor: d speed: . method: posure class (IEC 34-5): ation class (IEC 85): in temp. transmitter: r No: rs: num efficiency index, MEI status: veight: s weight: poing volume:	9.75-9.60-9.80 A 460-500-530 % 0.85-0.80-0.77 2850-2865-2875 rpm direct-on-line IP68 F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	l.	
Start Cos Rate Start Enclo Insul Built- Moto Othe Minir ErP s Net v Gros Ship	ing current: ohi - power factor: d speed: . method: osure class (IEC 34-5): ation class (IEC 85): in temp. transmitter: r No: rs: num efficiency index, MEI status: veight: s weight: oing volume:	460-500-530 % 0.85-0.80-0.77 2850-2865-2875 rpm direct-on-line IP68 F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	l.	
Cos Rate Start Enclo Insul Built- Moto Othe Minir ErP s Net v Gros Ship	phi - power factor: d speed: . method: psure class (IEC 34-5): ation class (IEC 85): . in temp. transmitter: r No: Prs: num efficiency index, MEI status: veight: s weight: ping volume:	0.85-0.80-0.77 2850-2865-2875 rpm direct-on-line IP68 F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	L.	
Rate Start Enclo Insul Built- Moto Othe Minir ErP s Net v Gros Ship	d speed: . method: bsure class (IEC 34-5): ation class (IEC 85): .in temp. transmitter: r No: 	2850-2865-2875 rpm direct-on-line IP68 F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	L	
Start Enclo Insul Built- Moto Othe Minir ErP s Net v Gros Ship	. method: bsure class (IEC 34-5): ation class (IEC 85): in temp. transmitter: r No: rs: num efficiency index, MEI status: veight: s weight: bing volume:	direct-on-line IP68 F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	L	
Insul Built- Moto Othe Minir ErP s Net v Gros Ship	ation class (IEC 85): in temp. transmitter: r No: ers: num efficiency index, MEI status: veight: s weight: bing volume:	F no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	L	
Built- Moto Othe Minir ErP s Net v Gros Ship	in temp. transmitter: r No: ers: num efficiency index, MEI status: veight: s weight: bing volume:	no 79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	l.	
Moto Othe Minir ErP s Net v Gros Ship	r No: rs: num efficiency index, MEI status: veight: s weight: bing volume:	79194510 : 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg	l.	
Othe Minir ErP s Net v Gros Ship	r s: num efficiency index, MEI status: veight: s weight: bing volume:	: 0.70 EuP Standalone/Prod 35.4 kg 39.9 kg		
Minir ErP s Net v Gros Ship	num efficiency index, MEI status: veight: s weight: bing volume:	EuP Standalone/Prod 35.4 kg 39.9 kg	l.	
ErP s Net v Gros Ship	status: veight: s weight: bing volume:	EuP Standalone/Prod 35.4 kg 39.9 kg	l.	
Net v Gros Ship	veight: s weight: ping volume:	35.4 kg 39.9 kg		
Gros Ship	s weight: ping volume:	39.9 kg		
Ship	ping volume:			
Dani	bing volume:			
Dam	sh VVS No.:	388336070		
		00000010		



Printed from Grundfos Product Centre [2019.07.004]



Company name: Created by: Phone:

		Date:	15/11/	2019		
Description	Value	H [m]		SP 17-7, 3*40	00 V, 50Hz	eta [%]
General information:						
Product name:	SP 17-7	-				
Product No:	12A01907	80 -				
EAN number:	5700391131103					
	5700391131103	70 -				
Fechnical:	0100001101100	-				
Pump speed on which pump data are		60 -				
based:	2900 rpm					
Rated flow:	17 m³/h	50 -				- 100
Rated head:	57 m					
Stages:	7	40 -			\mathbf{h}	- 80
mpeller reduc.:	NONE	-				
Shaft seal for motor:	HM/CER	30 -		\sim		- 60
Approvals on nameplate:	CE,EAC	-				
Curve tolerance:	ISO9906:2012 3B	20-				- 40
Model:	В					
/iodei: /alve:		10				- 20
	YES	-				
Motor version:	T40	- 0 1/	5 10	15 2	20 Q [m³/h]	-0
Materials:	0.11	- "P.,				NPSH
Pump:	Stainless steel	[kW] 5 -			E.	[m] - 10
	EN 1.4301	_			<u>P1</u>	- 10
	AISI 304	4 -				-8
mpeller:	Stainless steel	_			P2	
	EN 1.4301	3-			/	-6
	AISI 304					
Motor:	Stainless steel	2-				- 4
	DIN WNr. 1.4301	1 -				-2
	AISI 304	- '				-
Installation:						-0
Pump outlet:	RP2 1/2	RP2	1/2			
Motor diameter:	4 inch	134 GN	<u></u>			
Liquid:						
Pumped liquid:	Water					
Maximum liquid temperature:	40 °C					
Max liquid t at 0.15 m/sec:	40 °C					
Selected liquid temperature:	20 °C	687.5				
Density at selected liquid temperature:	998.2 kg/m ³					
Electrical data:	000.2 Ng/11					
Motor type:	MS4000					
		لمالط				
Applic. motor:	GRUNDFOS					
Rated power - P2:	4 kW	211				
Power (P2) required by pump:	4 kW					
Mains frequency:	50 Hz	- 95				
Rated voltage:	3 x 380-400-415 V	<u> </u> ≱				
Rated current:	9.75-9.60-9.80 A					
Starting current:	460-500-530 %					
Cos phi - power factor:	0.85-0.80-0.77					
Rated speed:	2850-2865-2875 rpm	ΦΦφį				
Start. method:	direct-on-line					
Enclosure class (IEC 34-5):	IP68					
nsulation class (IEC 85):	F	-				
Motor protec:	NONE	-				
Thermal protec:	external	-				
Built-in temp. transmitter:	no					
Motor No:	79194510	UVWPE				
Others:		- !				
	0.70					
Minimum efficiency index, MEI :	EuP Standalone/Prod.	(M)/				
		\ 3 ~ /				

Printed from Grundfos Product Centre [2019.07.004]



Company name: Created by: Phone:

		Date:	15/11/2019
Description Value			
Net weight:	35.4 kg	_	
Gross weight:	39.9 kg		
Shipping volume:	0.052 m ³		
Danish VVS No.:	388336070		