

-	escription				
S	P 95-8				
	1.1				
	14.4				
_		Note! Product pic	ture may differ from	actual product	
P	roduct No.: 19004308				
S	ubmersible borehole pump, suitabl	e for pumpina	clean water. Car	be installed vertically or hor	izontally. All s
СС	omponents are made in stainless s	teel, EN 1.430	1 (AISI 304), tha	t ensures high corrosive resis	stance. This p
	arries drinking water approval.	00			
11	ne pump is fitted with a 37 kW MM ompensating diaphragm. The rewir	S6 motor with	sand shield, wate	er-lubricated journal bearings	s and a volum dings for easy
re	winding. The stator windings are F	PE/PA insulate	d made for contir	nous operations (S1). Suitab	ble for
	mperatures up to 50 °C. The moto		a mechanical sha	aft seal.	
Tł	ne motor is for direct-on-line startir	g (DOL).			
	urthar product dataila				
	urther product details	oimilar to the	following		
11	 ne pump is suitable for applications raw-water supply 	s similar to the	following:		
	- irrigation				
	- groundwater lowering				
	 pressure boosting 				
	 fountain applications. 				
–					
	ump			in steinlass stad which mol	
A	I pump surfaces that are in contac				
Al ar	•	agram below s	shows the capabi	lities of the pump and motor	
Al ar	I pump surfaces that are in contac nd wear-resistant. The corrosion di mperature in Celsius (y-axis) and	agram below s he concentrat	shows the capabi	lities of the pump and motor	
Al ar te	I pump surfaces that are in contacted wear-resistant. The corrosion disperature in Celsius (y-axis) and the contacted of the	agram below s he concentrat	shows the capabi	lities of the pump and motor ppm (x-axis).	
Al ar te	I pump surfaces that are in contacted wear-resistant. The corrosion dispersature in Celsius (y-axis) and the EN 1.430	agram below s the concentrat	shows the capabi	lities of the pump and motor ppm (x-axis).	
Al ar 100 90 80 70	I pump surfaces that are in contacted wear-resistant. The corrosion diamperature in Celsius (y-axis) and the EN 1.430		shows the capabi	lities of the pump and motor ppm (x-axis).	
All ar 1000 900 800 700 600	I pump surfaces that are in contacted wear-resistant. The corrosion disperature in Celsius (y-axis) and the period of the period		shows the capabi	lities of the pump and motor ppm (x-axis).	
Al ar 100 90 80 70	I pump surfaces that are in contacted wear-resistant. The corrosion disperature in Celsius (y-axis) and the corrosion of the		shows the capabi	lities of the pump and motor ppm (x-axis).	
Al ar te 90 80 70 60 50	I pump surfaces that are in contacted wear-resistant. The corrosion disperature in Celsius (y-axis) and the surface of the sur	agram below s the concentrat	shows the capabi	lities of the pump and motor ppm (x-axis).	
Al ar 100 90 80 70 60 50 40	I pump surfaces that are in contacted wear-resistant. The corrosion disperature in Celsius (y-axis) and the mperature in Celsius (y-axis) and the	agram below s the concentrat	shows the capabi	lities of the pump and motor ppm (x-axis).	
All ar 100 90 80 70 60 50 40 30	I pump surfaces that are in contacted wear-resistant. The corrosion diamperature in Celsius (y-axis) and the corrosion of the correspondence of the correspondence of the corrosion of the correspondence of the	agram below s the concentrat	shows the capabi	lities of the pump and motor ppm (x-axis).	
All ar 1000 900 800 700 600 500 400 300 200	EN 1.430	agram below s the concentrat	shows the capabi	lities of the pump and motor ppm (x-axis).	
All ar 100 90 80 70 60 50 40 30 20 10	I pump surfaces that are in contacted wear-resistant. The corrosion diamperature in Celsius (y-axis) and the	agram below s the concentrat	shows the capabi	lities of the pump and motor ppm (x-axis).	
All art 90 80 70 60 50 40 30 20 10 0 71	I pump surfaces that are in contacting wear-resistant. The corrosion disperature in Celsius (y-axis) and the pump are elastomer parts in the pump are	agram below s the concentrat	shows the capabi ion of chloride in 4000 6000 8000 120	lities of the pump and motor ppm (x-axis).	in relation to t
All arte 900 800 700 600 300 200 100 0 0 Three	EN1.430 EN1	agram below s the concentrat	shows the capabi ion of chloride in 4000 6000 8000 120 8 (Nitrile-Butadier	lities of the pump and motor ppm (x-axis).	in relation to t
All ar 100 90 80 70 60 50 40 30 20 10 0 70 60 50 40 30 20 10 0 70 70 60 70 70 70 70 70 70 70 70 70 70 70 70 70	I pump surfaces that are in contact in wear-resistant. The corrosion di imperature in Celsius (y-axis) and the metal of the second seco	agram below s the concentrat	shows the capabi ion of chloride in 4000 6000 8000 120 t (Nitrile-Butadier igh content of hy	lities of the pump and motor ppm (x-axis).	in relation to t
All ar 90 80 70 60 50 40 30 20 10 0 7 The In	L pump surfaces that are in contact ind wear-resistant. The corrosion di imperature in Celsius (y-axis) and the metal of the surface of the surface of the surface of the surface of the surface of the s	agram below s the concentrat	shows the capabi ion of chloride in 4000 6000 8000 120 R (Nitrile-Butadier igh content of hy perature-resistant	lities of the pump and motor ppm (x-axis).	in relation to t ood wear ndfos offers F
All are 90 80 70 60 50 40 30 20 10 0 Thre Inru Thin	I pump surfaces that are in contact in wear-resistant. The corrosion di imperature in Celsius (y-axis) and in the elastomer parts in the pump are sistance and long service intervals case the pump is used for pumpir bber parts (Fluorocarbon) which a ne pump is built with octagonal bea evitable, the pump design allows for	agram below s the concentrat	shows the capabi ion of chloride in 4000 6000 8000 120 t (Nitrile-Butadier igh content of hy berature-resistant of flush channels ement of all intern	lities of the pump and motor ppm (x-axis).	in relation to t bod wear ndfos offers Fl r of the pump
All ar 90 90 90 90 90 90 90 90 90 90 90 90 90	I pump surfaces that are in contact in wear-resistant. The corrosion di imperature in Celsius (y-axis) and in the elastomer parts in the pump are isistance and long service intervals case the pump is used for pumpir bber parts (Fluorocarbon) which a the pump is built with octagonal bea	agram below s the concentrat	shows the capabi ion of chloride in 4000 6000 8000 120 t (Nitrile-Butadier igh content of hy berature-resistant of flush channels ement of all intern	lities of the pump and motor ppm (x-axis).	in relation to t bod wear ndfos offers Fl r of the pump

			Date:	10/11/2020
Desc	cription			
The s	suction interconnector is fit connector is designed to co	ted with a strainer to p omply with NEMA star	prevent large p dards for mot	particles from entering the pump. The suction or mounting/dimensions.
Mot	or			
diele	ctric strength properties all possible cooling of the win	owing direct contact b	etween the m	v extruded two layers of PE/PA with high otor fluid and winding wire. This ensures the h mechanical wear properties of the winding
(sand	 d) is present. Together with ating conditions prevents p 	the shaft seal housin	g, the sand sh	ood performance when abrasive particles nield forms a labyrinth seal, which during no shaft seal. This shaft seal is drinking water
Liqui	d:			
	ped liquid:	Water		
	mum liquid temperature:	50 °C		
	liquid t at 0.5 m/sec:	50 °C		
	cted liquid temperature:	20 °C		
Dens		998.2 kg/m ³		
Tech	nical:			
Pum	p speed on which pump da	ta are based: 2900 r	pm	
Rate	d flow:	95 m³/h		
Rate	d head:	97 m		
	t seal for motor:	SIC/SIC		
	ovals on nameplate:	CE		
•••	e tolerance:	ISO9906:2012 3B		
	r version:	T50		
Mate	rials:			
Pum		Stainless steel		
		EN 1.4301		
		AISI AISI 304		
Impe	ller:	Stainless steel		
mpo		EN 1.4301		
		AISI AISI 304		
Moto	r.	Cast iron		
WOLU	1.	DIN WNr. 0.6025		
		ASTM 35-40		
Insta	llation:			
	p outlet:	RP5		
	r diameter:	6 inch		
Elect	rical data:			
Moto	r type:	MMS6		
	d power - P2:	37 kW		
	er (P2) required by pump:	37 kW		
	s frequency:	50 Hz		
	d voltage:	3 x 380-400-415 V		
	ice factor:	1.00		
	d current:	87.0-84.5-85.0 A		
	ing current:	455-495-510 %		
	phi - power factor:	0.85-0.82-0.79	_	
	d speed:	2830-2860-2870 rpr	TI	
	. method:	direct-on-line		
	osure class (IEC 34-5):	IP68		
Moto		96879428		
Wind	linge:	PE2/PA		



0.338 m³

84137029

GB

Qty.

Description Others:

ErP status:

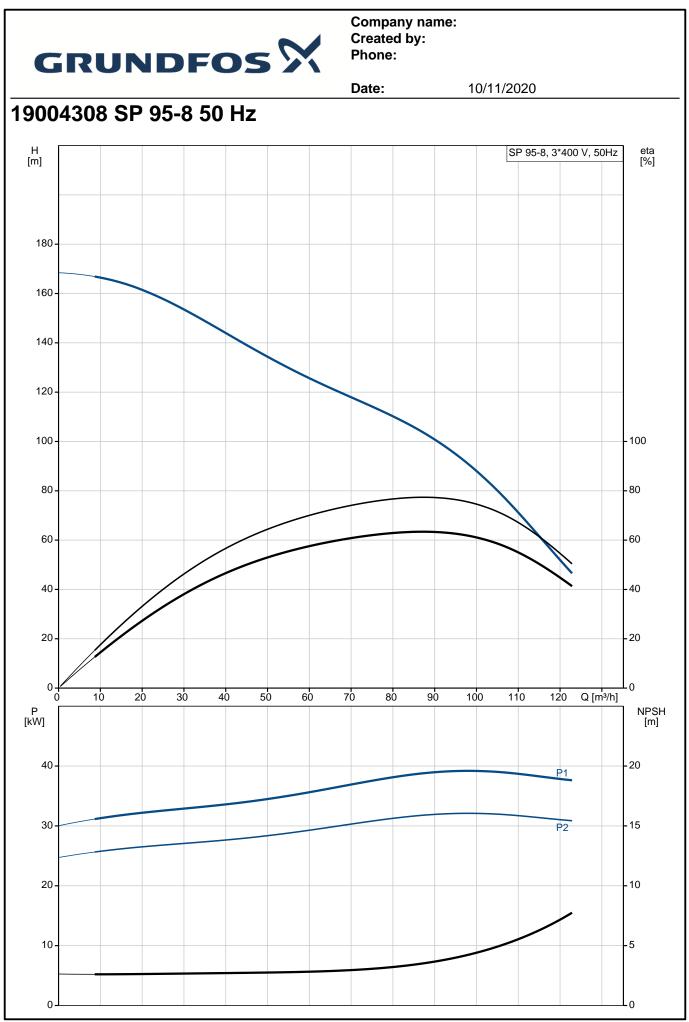
Net weight: Gross weight:

Shipping volume: Country of origin:

Custom tariff no.:

Company name: Created by: Phone:

Date: 10/11/2020 Minimum efficiency index, MEI ≥: -.--EuP Standalone/Prod. 173 kg 210 kg





		Date:	10/11	/2020	
Description	Value	H [m]		SP 95-8, 3*400 V, 50	Hz eta [%]
General information:					
Product name:	SP 95-8				
Product No:	19004308	180 -			
EAN number:	5700831504405	160			
Fechnical:		160 -			
Pump speed on which pump data are based:	2900 rpm	140 -			
Rated flow:	95 m³/h	120 -			
Rated head:	97 m				
Stages:	8	100 -			- 100
mpeller reduc.:	NONE	80 -			- 80
Shaft seal for motor:	SIC/SIC				
Approvals on nameplate:	CE	60 -		$ \longrightarrow $	- 60
Curve tolerance:	ISO9906:2012 3B				
Model:	В	40 -			- 40
/alve:	YES				20
Motor version:	T50	20-			- 20
Materials:		0			0
Pump:	Stainless steel	0 20	40 60	80 100 Q [m	³/h]
Pump:	EN 1.4301	P [kW]			NPSH [m]
Pump:	AISI AISI 304	40 -		P1	20
mpeller:	Stainless steel				
mpeller:	EN 1.4301	30		P2	- 15
mpeller:	AISI AISI 304			P2	-
Motor:	Cast iron	20 -			10
Aotor:	DIN WNr. 0.6025				
Motor:	ASTM 35-40	10 -			- 5
nstallation:					-
Pump outlet:	RP5	0			0
Motor diameter:	6 inch	I			-
Liquid:	0 11011		RP5		
Pumped liquid:	Water	179 GN			
Maximum liquid temperature:	50 °C				
Max liquid t at 0.5 m/sec:	50 °C				
Selected liquid temperature:	20 °C				
Density:	998.2 kg/m ³				
Electrical data:	330.2 kg/m				
Motor type:	MMS6	801			
Applic. motor:	GRUNDFOS				
Rated power - P2:	37 kW				
Power (P2) required by pump:	37 kW				
Mains frequency:	50 Hz				
Rated voltage:	3 x 380-400-415 V	-			
Service factor:	1.00				
Rated current:	87.0-84.5-85.0 A	HH			
Starting current:	455-495-510 %				
Cos phi - power factor:	0.85-0.82-0.79	PE L1 L2	13		
Rated speed:	2830-2860-2870 rpm		1		
Start. method:	direct-on-line	ФФ	Ф		
	IP68				
Enclosure class (IEC 34-5):			-		
Motor protec: Fhermal protec:	NONE				
	external				
Motor No:	96879428	PE U V	₩.		
Windings:	PE2/PA		1		
Others:		M			
Minimum efficiency index, MEI ≥:	 EuP Standalone/Prod.	3~	.)		
Vet weight:	173 kg				

Printed from Grundfos Product Centre [2020.10.020]



		Date:	10/11/2020
Description	Value		
Gross weight:	210 kg	-	
Shipping volume:	0.338 m ³		
Country of origin:	GB		
Custom tariff no.:	84137029		

