

Qty. Description

1 SP 60-6



Note! Product picture may differ from actual product

Product No.: [14A01906](#)

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 11 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:	Water
Liquid max temp:	40 °C
Max liquid t at 0.15 m/sec:	40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³

Technical:

Pump speed on which pump data are based:	2900 rpm
Rated flow:	60 m ³ /h
Rated head:	47 m
Shaft seal for motor:	CER/CARNBR
Approvals on nameplate:	CE,GOST2
Curve tolerance:	ISO9906:2012 3B
Motor version:	T40

Materials:

Pump:	Stainless steel EN 1.4301 AISI 304
Impeller:	Stainless steel EN 1.4301 AISI 304
Motor:	Stainless steel DIN W.-Nr. 1.4301 AISI 304

Installation:

Pump outlet:	RP4
Motor diameter:	6 inch

Electrical data:

Motor type:	MS6000
Rated power - P2:	11 kW
Power (P2) required by pump:	11 kW

Qty.	Description
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1	<p>Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 26.0-25.0-24.8 A Starting current: 470-520-540 % Cos phi - power factor: 0.84-0.82-0.79 Rated speed: 2850-2870-2880 rpm Start. method: direct-on-line Enclosure class (IEC 34-5): IP68 Insulation class (IEC 85): F Built-in temp. transmitter: yes Motor No: 78195514 Windings: Enamelled</p> <p>Others: Minimum efficiency index, MEI ≥: 0.40 ErP status: EuP Standalone/Prod. Net weight: 68 kg Gross weight: 93.8 kg Shipping volume: 0.2 m³ Danish VVS No.: 388343060 Finnish LVI No.: 4762755 Country of origin: GB Custom tariff no.: 84137029</p>
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Spare parts SP 60-6, Product No. 14A01906
Produced After 1609 (production year and week number)

Pos	Description	Annotation	Classification Data	Part no.	Qty.	Unit
-	Kit, Cable guard			97936851	1	pcs
18d	Hex socket head cap screw				4	
18c	Clamp				1	
18b	Clamp				1	
18	Cable guard				1	
-	Kit, Wear parts			98098324	1	pcs
3	Valve seat				1	
6b	Cup				2	
6b	Bearing				1	
7	Seal ring				5	
8b	Stop ring				1	
8a	Washer				1	
8	Bearing				5	
11c	Nut				1	
68	Seal ring				1	
72	Wear ring				6	
142a	Bearing				1	
-	Motor				1	pcs
-	Diaphragm			96164202	1	
12	Diaphragm					
-	Gasket			96164204	1	
46	Gasket					
-	Kit, End cover			96558380	1	
12	Diaphragm					
13	Bottom cover					
46	Socket button head screw					
-	Kit, Radial bearing			96164198	1	
4	Radial bearing					
5	Radial bearing					
-	Kit, Thrust bearing			96164195	1	
3	Thrust bearing					
6	Thrust bearing					
42	Stop					
-	Kit, Wear parts			96164191	1	
2a	Upthrust ring					
12	Diaphragm					
22a	Cross recess Pan head screw					
24	O-ring					
+ 27	Sand shield					
34	Shaft seal					
46	Socket button head screw					
50	Pan head screw					
-	Motor liquid			00795896	1	
	Motor liquid					
-	Shaft seal housing			96164200	1	
	Shaft seal housing					
-	Shaft w/rotor			96167024	1	
2	Shaft w/rotor					
-	Stator housing			96166524	1	
1	Stator housing					
28	Washer			99753564	1	
32	Housing cpl.			99124742	1	
1	Valve casing			97937797	1	pcs



Company name:

Created by:

Phone:

Date:

08/08/2022

Pos	Description	Annotation	Classification Data	Part no.	Qty.	Unit
2	Valve			97937828	1	pcs
- 4	Chamber cpl.			98098403	1	pcs
3	Valve seat			99515698	1	
8	Bearing			99737562	1	
8a	Washer			96590773	1	pcs
- 9	Chamber cpl.			99527403	4	pcs
7	Seal ring			96603164	1	
+ 9	Chamber cpl.			98098412	4	pcs
- 10	Chamber cpl.			98098428	1	pcs
8b	Stop ring			96590779	1	
+ 13	Impeller cpl.			97657713	1	pcs
- 13	Impeller cpl.			97657712	5	pcs
11	Split cone nut			96535825	1	
12	Split cone			96551323	1	
72	Wear ring			96537837	1	
+ 13	Impeller cpl.			97657711	5	pcs
14	Suction interconnector			97937783	1	pcs
15	Strainer			96591939	1	pcs
+ 16	Shaft cpl.			97945417	1	pcs
+ 17	Strap cpl.			97937199	4	pcs
18c	Clamp			92595566	1	pcs
18b	Clamp			92595965	1	pcs
20	Motor cable			96164236	1	pcs
56e	Nut			99354425	4	pcs
68	Seal ring			99861576	1	pcs
68	Seal ring			96551252	1	pcs
78a	Rivet			98976557	2	pcs