

Description SP 125-13 The product No.: 17AK4313 Submersible borehole pump, suitable for pumping clean water. Can be installed vertically or horizontally. All s components are mainliness steel, EN 1-4301 (AISI 304), that ensures high corrosive resistance. This p correspondents are made in stainless steel, EN 1-4301 (AISI 304), that ensures high corrosive resistance. This p correspondents are made in stainless steel, EN 1-4301 (AISI 304), that ensures high corrosive resistance. This p correspondents are made of the windings and a volume compensating diaphargm. The rewindable motor contruction allows complete access to the windings are PE/PA insulated made for continuous operations (S1). Suitable for temperatures up to 50°. Character with a mechanical shaft seal. The motor is not fitted with a temperature sensor. If temperature monitoring is desired, a Pt100 or Pt1000 sent and be fitted. The motor is for direct-on-line starting (DOL). Further product details The pump is suitable for applications similar to the following: <ul> <li>raw-water supply</li> <li>irrigation</li> <li>goundwater lowering</li> <li>pressure boosting</li> <li>fourtian applications.</li> </ul>				Date:							
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Date:

## 10/11/2020

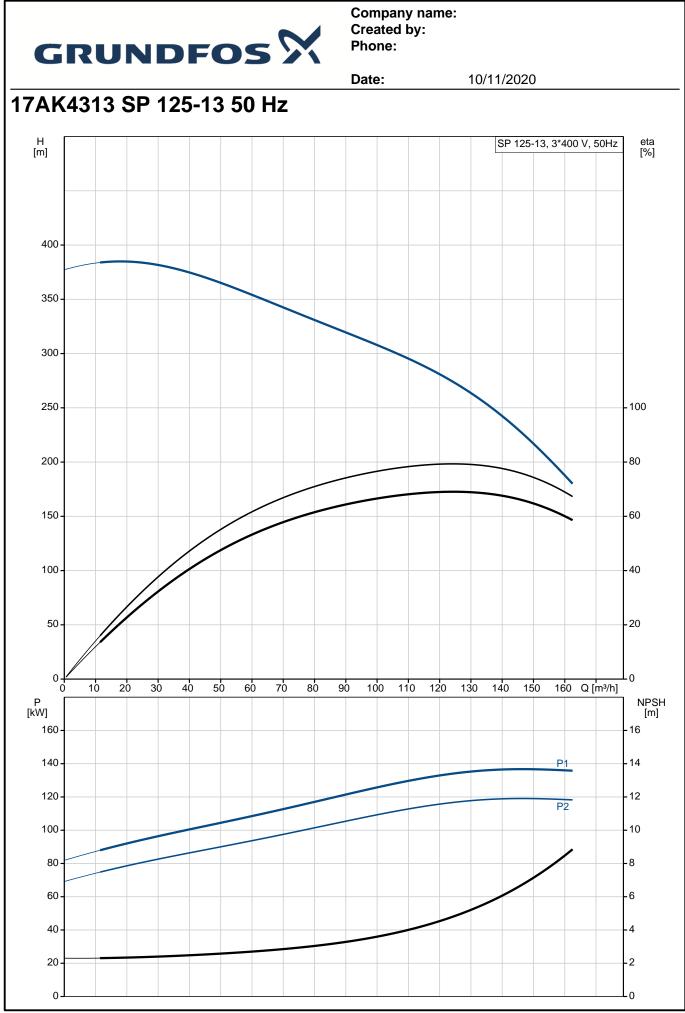
		Date: 10/11/2020						
Qty.	Description							
	The pump is built with octagonal bearings with sand flush channels that minimise wear. As wear of the pump is inevitable, the pump design allows for easy replacement of all internal wear parts (bearings, impeller, wear rings and seal rings) to maintain high performance and a long lifetime.							
	The suction interconnector is fitted with a strainer to prevent large particles from entering the pump.							
	<b>Motor</b> The winding wire is made from pure electrolytic cobber insulated by extruded two layers of PE/PA with high dielectric strength properties allowing direct contact between the motor fluid and winding wire. This ensures the best possible cooling of the winding wire. The PA layer ensures high mechanical wear properties of the winding wire.							
	(sand) is present. Together with	C. The material combination gives good performance when abrasive particles in the shaft seal housing, the sand shield forms a labyrinth seal, which during normal penetration of sand particles into the shaft seal. This shaft seal is drinking water						
	The motor can be fitted with a F operating temperature condition	Pt100 or Pt1000 sensor that together with a control unit ensures that the maximum ns are not exceeded.						
	Liquid: Pumped liquid: Maximum liquid temperature: Max liquid t at 0.15 m/sec: Max liquid t at 0.5 m/sec: Selected liquid temperature: Density:	Water 45 °C 40 °C 45 °C 20 °C 998.2 kg/m <sup>3</sup>						
	Technical: Pump speed on which pump da Rated flow: Rated head: Shaft seal for motor: Curve tolerance: Motor version:	ata are based: 2900 rpm 125 m³/h 266 m SIC/SIC ISO9906:2012 3B T45						
	Materials: Pump:	Stainless steel EN 1.4301						
	Impeller:	AISI AISI 304 Stainless steel EN 1.4301 AISI AISI 304						
	Motor:	Cast iron DIN WNr. 0.6025 ASTM 35-40						
	Installation: Pump outlet: Motor diameter:	RP6 10 inch						
	Electrical data: Motor type: Rated power - P2: Power (P2) required by pump: Mains frequency: Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Start. method: Enclosure class (IEC 34-5):	MMS10000 132 kW 132 kW 50 Hz 3 x 380-400-415 V 275-270-270 A 530-570-590 % 0.87-0.84-0.81 2900-2910-2920 rpm direct-on-line IP68						

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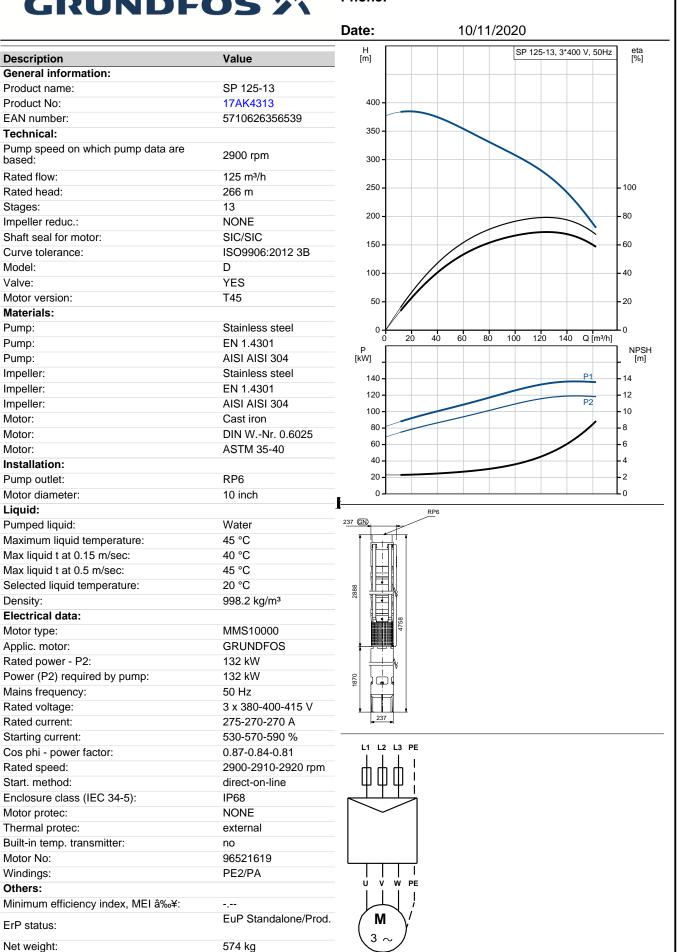


Company name: Created by:

GRUNDFOS Phone:					
			Date:	10/11/2020	
<b>y</b> .	Description				
	Built-in temp. transmitter: Motor No:	no 96521619			
	Windings:	PE2/PA			
	Others:				
	Minimum efficiency index, ME ErP status:	EuP Standalone	/Prod		
	Net weight:	574 kg	1100.		
	Gross weight:	644 kg			
	Shipping volume:	1.45 m <sup>3</sup>			
	Country of origin:	DK			
	Custom tariff no.:	84137029			



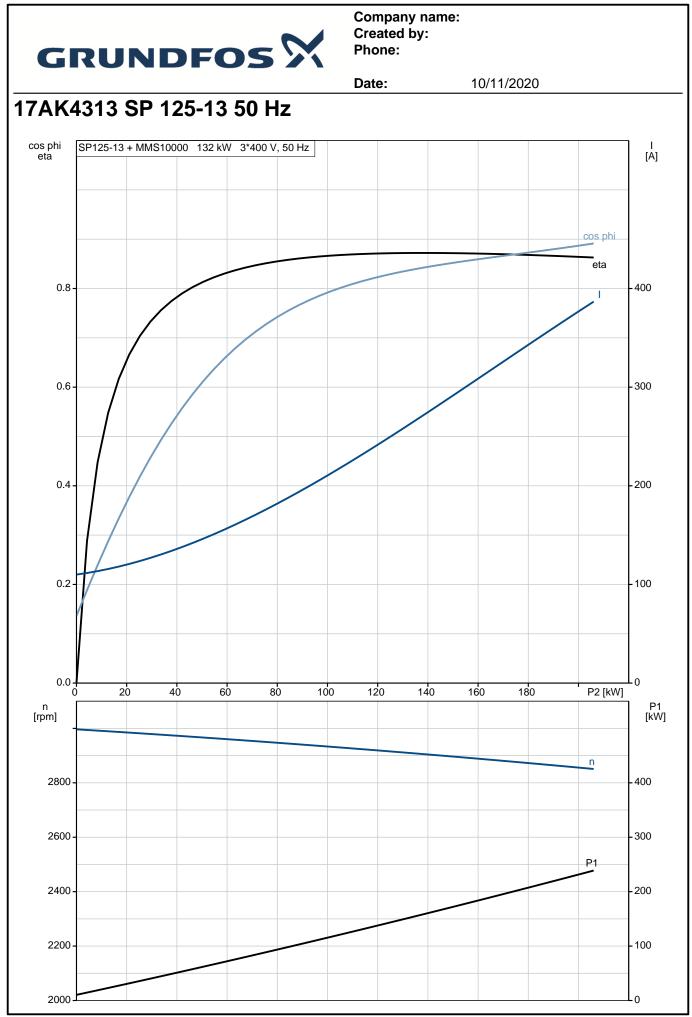




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Date:10/11/2020DescriptionValueGross weight:644 kgShipping volume:1.45 m³Country of origin:DKCustom tariff no.:84137029



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