

Description				10/11/2020			
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SP 125-16							
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		Note! Product pic	cture may differ from	actual product			
Product No.:	17AK4316						
o	1			The Street and the second s			
Submersible	borehole pump, suita are made in stainless	ble for pumping steel, EN 1.430	clean water. Can)1 (AISI 304), that	be installed vertically or h ensures high corrosive re	orizontally. All st sistance. This pi		
	ng water approval.						
The pump is	fitted with a 170 kW M	MS10000 moto	or with sand shield	d, water-lubricated journal	bearings and a		
easy rewindi	ng. The stator winding	is are PE/PA ins	sulated made for	n allows complete access t continous operations (S1).	Suitable for		
temperatures	s up to 50 °C. The mo	tor is fitted with	a mechanical sha	ft seal.			
The motor is not fitted with a temperature sensor. If temperature monitoring is desired, a Pt100 or Pt1000 sense							
can be fitted.							
The motor is for direct-on-line starting (DOL).							
Further pr	oduct details						
The pump is	suitable for applicatio		following:				
The pump is - raw-w	suitable for applicatio ater supply		following:				
The pump is - raw-w - irrigat	suitable for applicatio ater supply		following:				
The pump is - raw-w - irrigati - groun - press	suitable for applicatio rater supply ion dwater lowering ure boosting		following:				
The pump is - raw-w - irrigati - groun - press	suitable for applicatio rater supply ion dwater lowering		following:				
The pump is - raw-w - irrigati - groun - pressu - founta Pump	suitable for applicatio rater supply ion dwater lowering ure boosting ain applications.	ns similar to the	-	in ataiplage atech which m			
The pump is - raw-w - irrigati - groun - press - founta Pump All pump suri and wear-res	suitable for applicatio rater supply ion dwater lowering ure boosting ain applications. faces that are in conta sistant. The corrosion	ns similar to the act with pumped diagram below s	liquids are made	in stainless steel which ma lities of the pump and moto	akes them corro		
The pump is - raw-w - irrigati - groun - press - founta Pump All pump suri and wear-res	suitable for applicatio rater supply ion dwater lowering ure boosting ain applications. faces that are in conta	ns similar to the act with pumped diagram below s	liquids are made	lities of the pump and moto	akes them corro or in relation to th		
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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. Motor 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 The shaft seal faces are SiC/SiC. The material combination gives good performance when abrasive particles (sand) is present. Together with the shaft seal housing, the sand shield forms a labyrinth seal, which during normal operating conditions prevents penetration of sand particles into the shaft seal. This shaft seal is drinking water approved. The motor can be fitted with a Pt100 or Pt1000 sensor that together with a control unit ensures that the maximum operating temperature conditions are not exceeded. Liquid: Pumped liquid: Water Maximum liquid temperature: 40 °C Max liquid t at 0.15 m/sec: 35 °C Max liquid t at 0.5 m/sec: 40 °C Selected liquid temperature: 20 °C Density: 998.2 kg/m³ Technical: Pump speed on which pump data are based: 2900 rpm Rated flow: 125 m³/h Rated head: 328 m Shaft seal for motor: SIC/SIC Curve tolerance: ISO9906:2012 3B Motor version: T40 Materials: Pump: Stainless steel EN 1.4301 AISI AISI 304 Impeller: Stainless steel EN 1.4301 AISI AISI 304 Motor: Cast iron DIN W.-Nr. 0.6025 ASTM 35-40 Installation: Pump outlet: RP6 Motor diameter: 10 inch Electrical data: MMS10000 Motor type: Rated power - P2: 170 kW Power (P2) required by pump: 170 kW Mains frequency: 50 Hz Rated voltage: 3 x 380-400-415 V Rated current: 365-365-375 A Starting current: 570-600-600 % Cos phi - power factor: 0.85-0.81-0.77 Rated speed: 2910-2920-2930 rpm

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Enclosure class (IEC 34-5):

direct-on-line

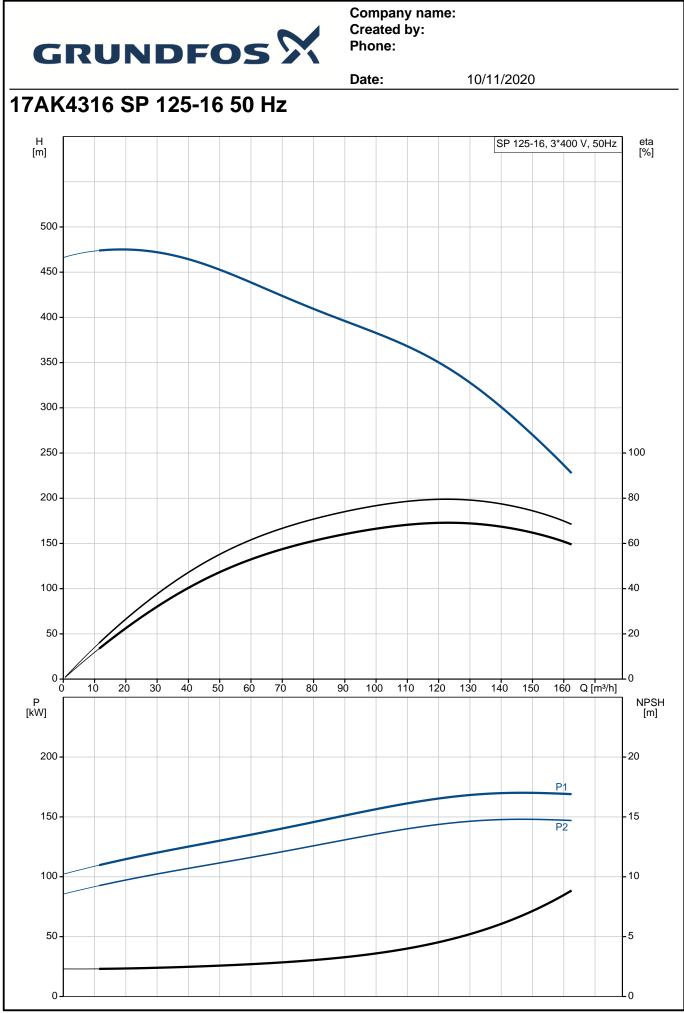
IP68

Start. method:

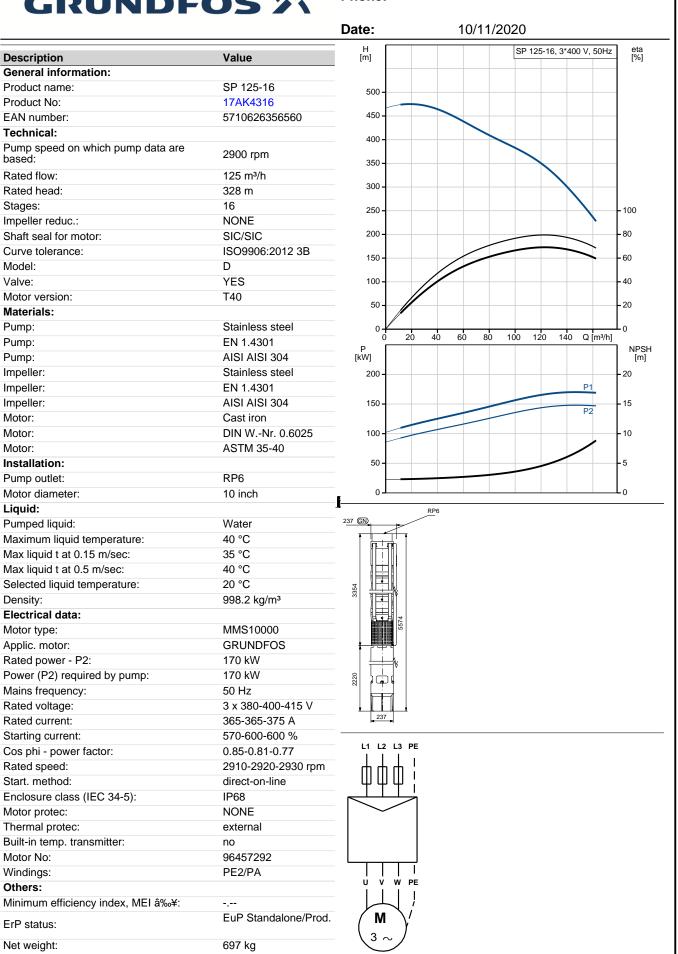


Company name: Created by:

 		Date:	10/11/2020	
Description				
Built-in temp. transmitter:	no			
Motor No:	96457292			
Windings:	PE2/PA			
Others:				
Minimum efficiency index, ME ErP status:				
Net weight:	EuP Standalone 697 kg	FIUU.		
Gross weight:	767 kg			
Shipping volume:	1.45 m ³			
Country of origin:	DK			
Custom tariff no.:	84137029			



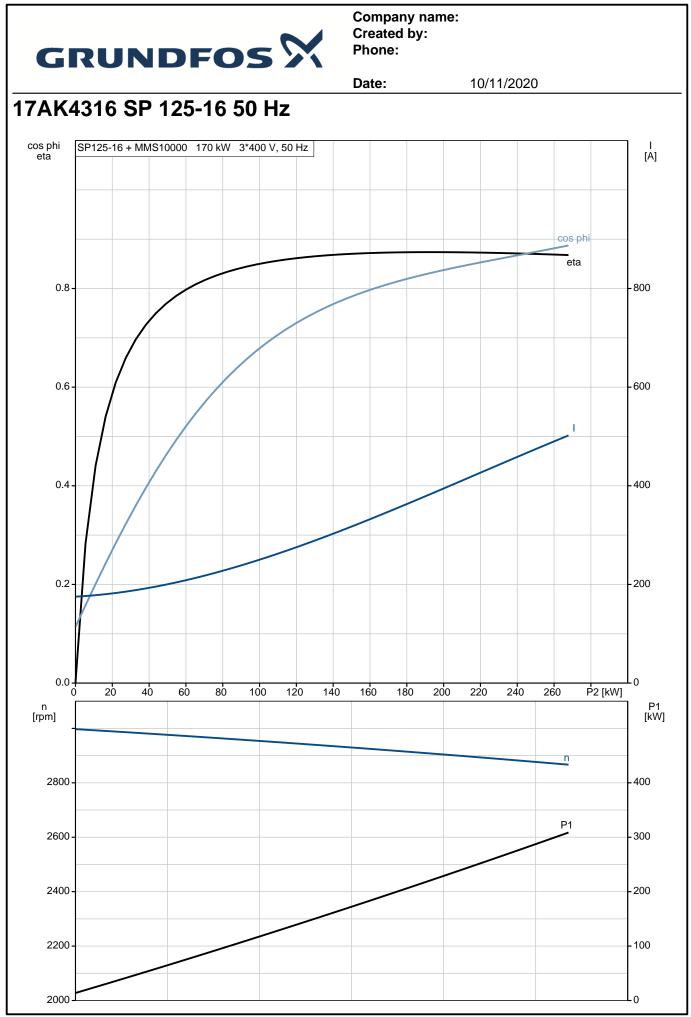




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Date:10/11/2020DescriptionValueGross weight:767 kgShipping volume:1.45 m³Country of origin:DKCustom tariff no.:84137029



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