

| 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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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. 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

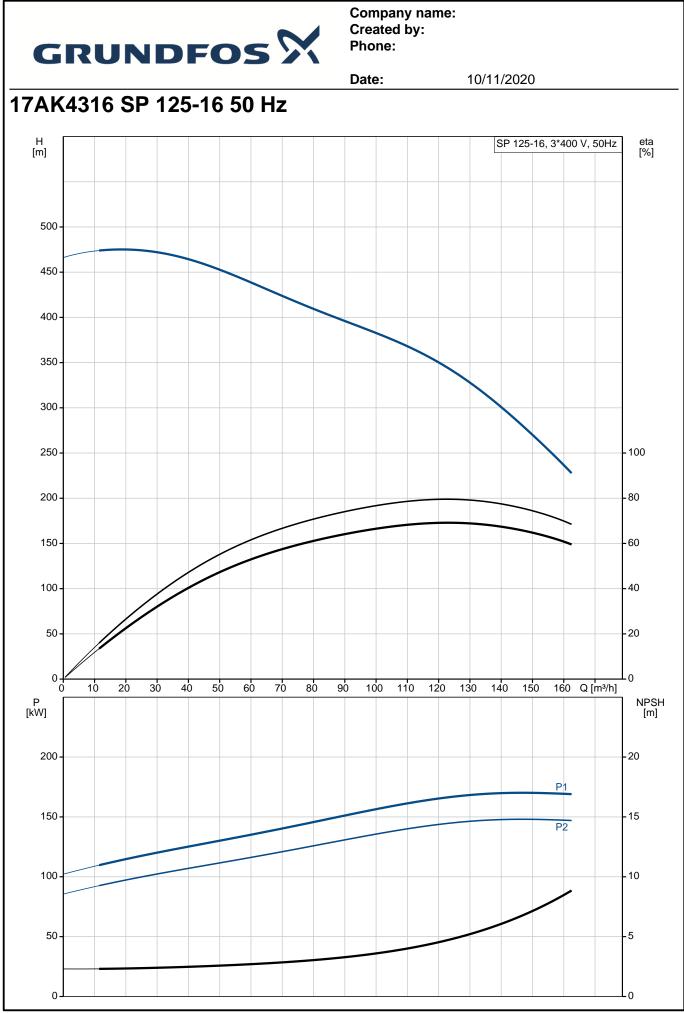
IP68

Start. method:

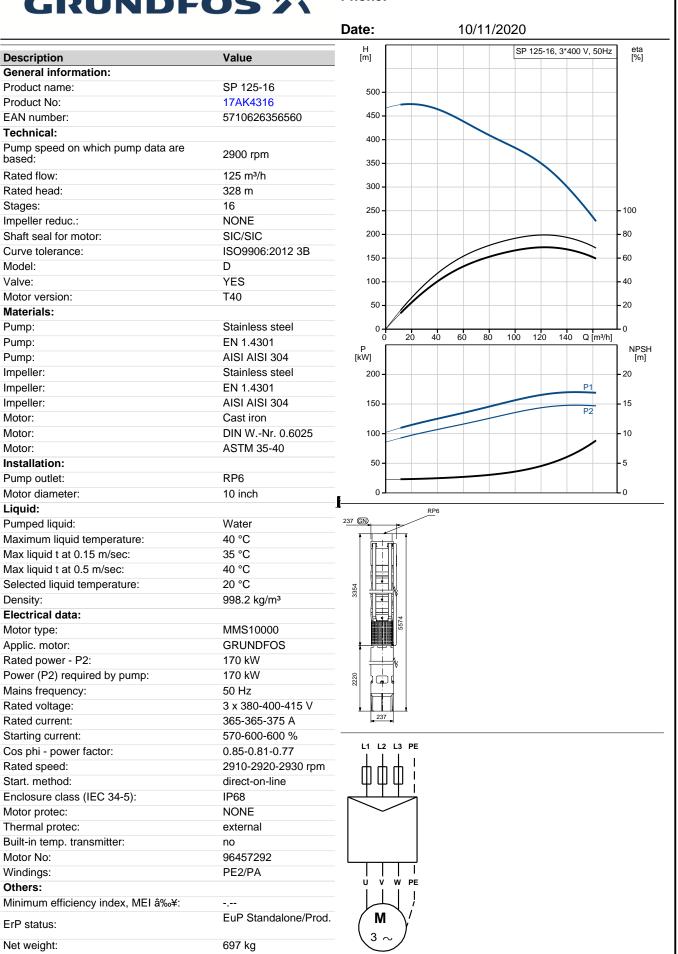


Company name: Created by:

| | | 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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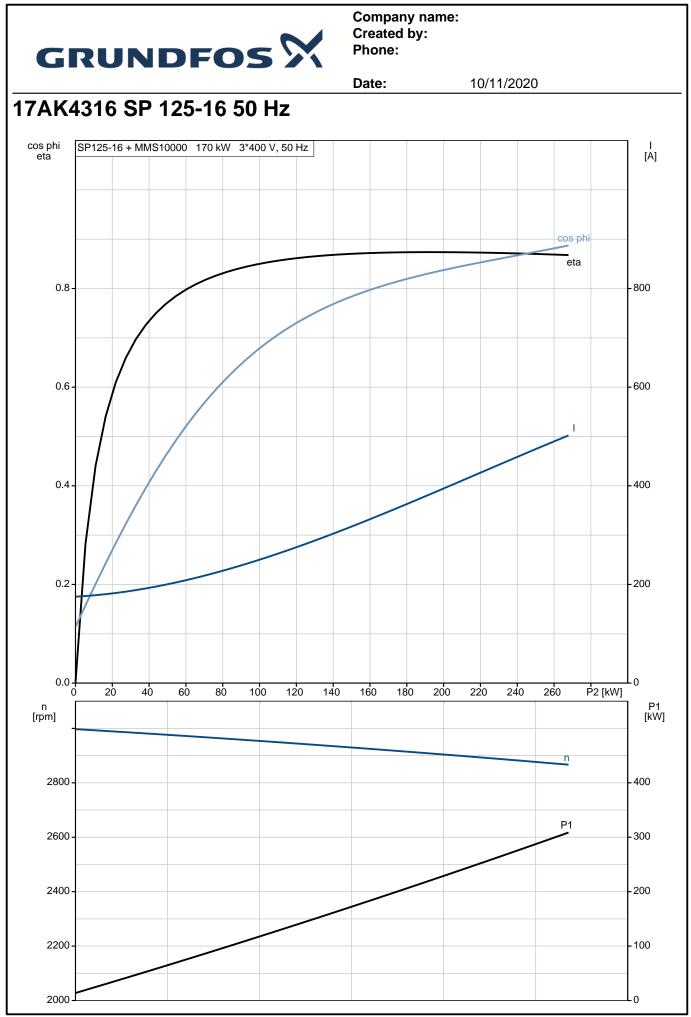




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Date:10/11/2020DescriptionValueGross weight:767 kgShipping volume:1.45 m³Country of origin:DKCustom tariff no.:84137029



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