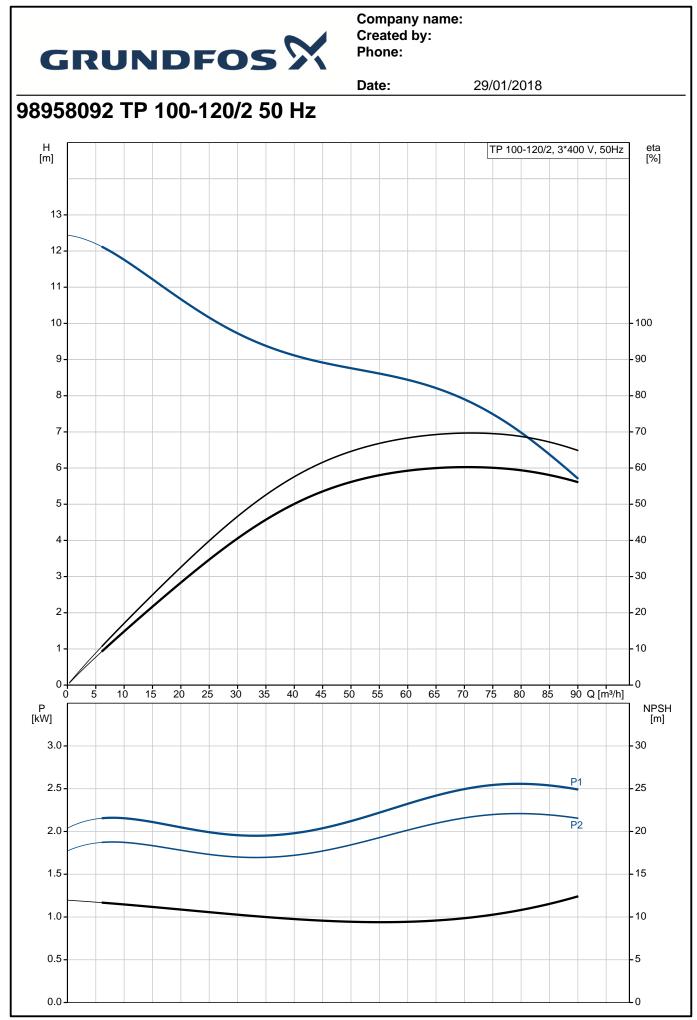
| G | R | UNDFOS | Croated by: | | | |
|----------|------|--|---|--|--|--|
| | | | Date: | 29/01/2018 | | |
| Position | Qty. | Description | | | | |
| | 1 | TP 100-120/2 AI-F-A-BQQE | | | | |
| | | | | | | |
| | | Product No.: 98958092 | | | | |
| | | Single-stage, close-coupled, vol The pump is of the top-pull-out c removed for maintenance or ser | ute pump with in-line suctic lesign, i.e. the power head vice while the pump housir | on and discharge ports of identical diameter. (motor, pump head and impeller) can be ng remains in the pipework. | | |
| | | The pump is fitted with an unbal Pipework connection is via PN 6 The pump is fitted with a fan-coo | | . The shaft seal is according to EN 12756. and ISO 7005-2). | | |
| | | Liquid: Pumped liquid: Liquid temperature range: Liquid temperature during opera Density: | Water -25 120 °C tion: 20 °C 998.2 kg/m³ | | | |
| | | Technical: Speed for pump data: Rated flow: Rated head: Actual impeller diameter: Primary shaft seal: Curve tolerance: | 2910 rpm 72.8 m ³ /h 7.8 m 104 mm BQQE ISO9906:2012 3B | | | |
| | | | | | | |
| | | Materials: Pump housing: Impeller: | Cast iron EN-JL1040 ASTM A48-40 B Stainless steel DIN WNr. 1.4301 AISI 304 | | | |
| | | Installation: Range of ambient temperature: Maximum operating pressure: Flange standard: Pipe connection: Pump inlet: Pump outlet: Pressure rating: Port-to-port length: | 6 bar DIN DN 100 DN 100 DN 100 PN 6 450 mm | | | |
| | | Flange size for motor: Electrical data: Motor type: IE Efficiency class: Rated power - P2: Power (P2) required by pump: Mains frequency: | FT115 90LC IE3 2.2 kW 2.2 kW 50 Hz | | | |



| | | | Date: | 29/01/2018 |
|----------|------|--|---|------------|
| Position | Qty. | Description | | |
| | | Rated voltage: Rated current: Starting current: Cos phi - power factor: Rated speed: Efficiency: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Enclosure class (IEC 34-5): Insulation class (IEC 85): | 3 x 380-415D V 4.45 A 850-950 % 0,89-0,87 2890-2910 rpm IE3 85,9% 85.9 % 86.8 % 86.0 % 2 55 Dust/Jetting F | |
| | | Others: Minimum efficiency index, MEI ErP status: Net weight: Gross weight: Shipping volume: | : 0.70 EuP Standalone/Prod. 60.1 kg 66.7 kg 0.16 m ³ | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

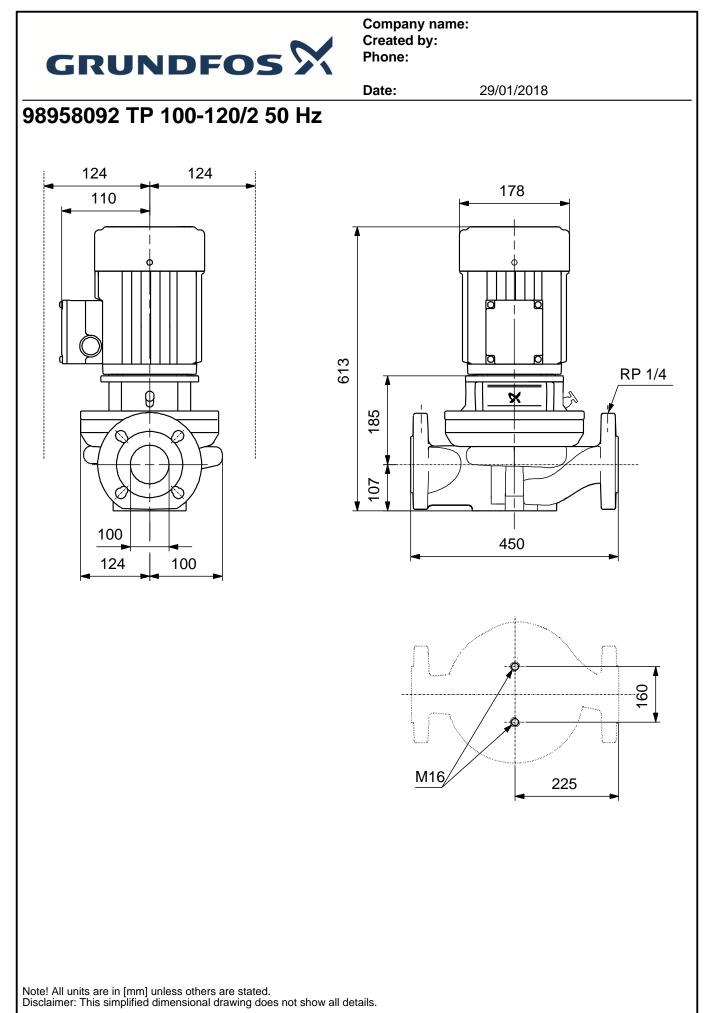




| | | · | | TD 466 1011 | 0.0*400.14 ===: |
|--------------------------------------|--------------------------|----------|------------|-------------|------------------|
| Description | Value | H [m] | | TP 100-120/ | 2, 3*400 V, 50Hz |
| General information: | | | | | |
| Product name: | TP 100-120/2 AI-F-A-BQQE | 13 - | | | |
| Product No: | 98958092 | 12 | | | |
| EAN number: | 5712604245590 | 11 | | | |
| | | | | | |
| Technical: Speed for pump data: | 2010 mm | 10 - | | | |
| | 2910 rpm | 9- | | | |
| Rated flow: | 72.8 m³/h | 8- | | | |
| Rated head: | 7.8 m | _ | | | |
| Head max: | 120 dm | 7- | | | |
| Actual impeller diameter: | 104 mm | 6- | | | |
| Primary shaft seal: | BQQE | 5 | | | |
| Curve tolerance: | ISO9906:2012 3B | | | | |
| Pump version: | AI | 4 - | | | |
| Model: | Α | 3- | | | |
| Matariala | | 2- | | | |
| Materials: Pump housing: | Cast iron | 1- | | | |
| p nodolity. | EN-JL1040 | | | | |
| | ASTM A48-40 B | | 10 20 30 4 | 40 50 60 70 |) 80 Q [m³/h] |
| Impeller: | Stainless steel | Р | | | |
| | DIN WNr. 1.4301 | [kW] | | | |
| | | 1 | | | |
| | AISI 304 | 2.5 - | | | P1 |
| Material code: | Α | | | | P2 |
| Installation: | | 2.0 | | | |
| Range of ambient temperature: | -30 60 °C | 1.5 - | | | |
| Maximum operating pressure: | 6 bar | 1.0 | | | |
| Flange standard: | DIN | 1.0 | | | |
| Connect code: | F | 0.5 - | | | |
| | F DN 100 | | | | |
| Pipe connection: | | 0.0 | | | |
| Pump inlet: | DN 100 | | | | |
| Pump outlet: | DN 100 | | | | |
| Pressure rating: | PN 6 | | | | |
| Port-to-port length: | 450 mm | | | | |
| Flange size for motor: | FT115 | | | | |
| Liquid: | | | | | |
| Pumped liquid: | Water | | | | |
| Liquid temperature range: | -25 120 °C | | | | |
| Liquid temperature during operation: | 20 °C | | | | |
| Density: | 998.2 kg/m³ | | | | |
| Electrical data: | | | | | |
| Motor type: | 90LC | | | | |
| | | | | | |
| IE Efficiency class: | IE3 | | | | |
| Rated power - P2: | 2.2 kW | | | | |
| Power (P2) required by pump: | 2.2 kW | | | | |
| Mains frequency: | 50 Hz | | | | |
| Rated voltage: | 3 x 380-415D V | | | | |
| Rated current: | 4.45 A | | | | |
| Starting current: | 850-950 % | | | | |
| Cos phi - power factor: | 0,89-0,87 | | | | |
| Rated speed: | 2890-2910 rpm | | | | |
| Efficiency: | IE3 85,9% | | | | |
| Motor efficiency at full load: | 85.9 % | | | | |
| Motor efficiency at 3/4 load: | 86.8 % | | | | |
| Motor efficiency at 1/2 load: | 86.0 % | | | | |
| | 00.0 /0 | | | | |



| | | Date: | 29/01/2018 | |
|---------------------------------|----------------------|-------|------------|--|
| Description | Value | | | |
| Enclosure class (IEC 34-5): | 55 Dust/Jetting | | | |
| Insulation class (IEC 85): | F | | | |
| Motor protec: | NONE | | | |
| Motor No: | 85U15908 | | | |
| Others: | | | | |
| Minimum efficiency index, MEI : | 0.70 | | | |
| ErP status: | EuP Standalone/Prod. | | | |
| Net weight: | 60.1 kg | | | |
| Gross weight: | 66.7 kg | | | |
| Shipping volume: | 0.16 m ³ | | | |





Date:

29/01/2018

98958092 TP 100-120/2 50 Hz

