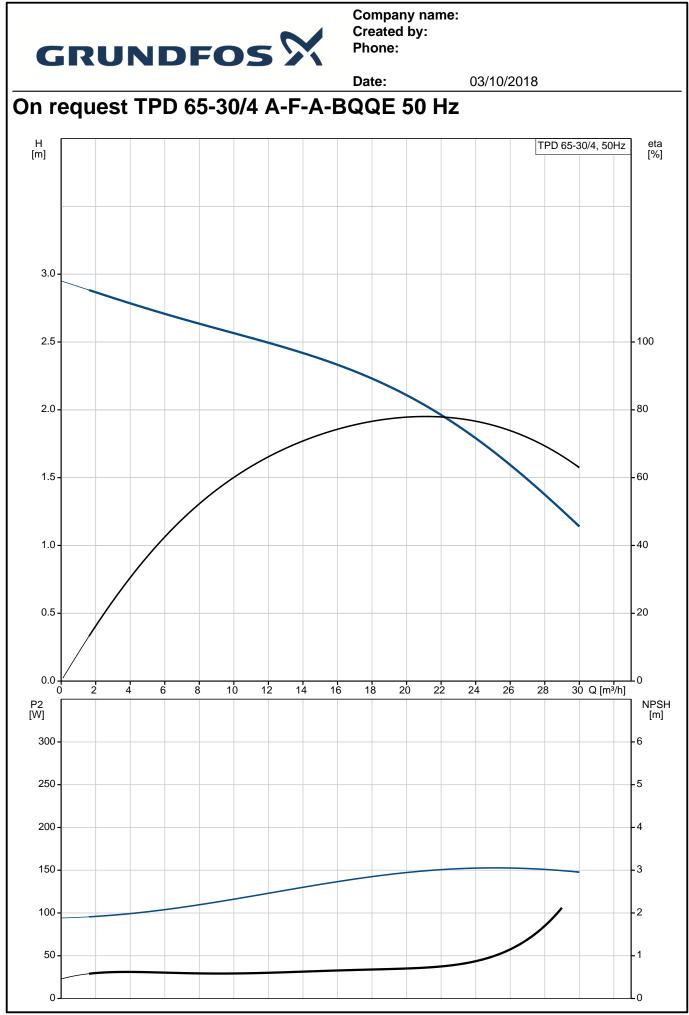
| G        |      | UNDFOS   |  | mpany name:<br>eated by:<br>one:      |                             |  |  |  |
|----------|------|--|--|---------------------------------------|-----------------------------|--|--|--|
|          |      |  | Dat  | te:                                   | 03/10/2018                  |  |  |  |
| Position | Qty. | Description  |  |                                       |                             |  |  |  |
|          | 1    | TPD 65-30/4 A-F-A-BQQE   |  |                                       |                             |  |  |  |
|          |      | Product No.: On request  |  |                                       |                             |  |  |  |
|          |      | Single-stage, close-coupled, vol<br>diameter. The twin-head pump is<br>top-pull-out design, i.e. the powe<br>maintenance or service while the  | s designed with<br>er head (motor, p   | two parallel power<br>oump head and i | mpeller) can be removed for |  |  |  |
|          |      | Each power head is fitted with an unbalanced rubber bellows seal. The shaft seal is according to EN 12756. Pipework connection is via PN 6/10 DIN flanges (EN 1092-2 and ISO 7005-2). Each power head is fitted with a fan-cooled asynchronous motor of indentical size. |  |                                       |                             |  |  |  |
|          |      | <b>Liquid:</b><br>Pumped liquid:<br>Liquid temperature range:<br>Liquid temperature during opera<br>Density:   | Water<br>-25 120 °C<br>tion: 20 °C<br>998.2 kg/m <sup>3</sup>                        |                                       |                             |  |  |  |
|          |      | <b>Technical:</b><br>Rated flow:<br>Rated head:<br>Actual impeller diameter:<br>Primary shaft seal:<br>Curve tolerance:  | 21.4 m <sup>3</sup> /h<br>2.01 m<br>95 mm<br>BQQE<br>ISO9906:2012                    | 3В                                    |                             |  |  |  |
|          |      |  |  |                                       |                             |  |  |  |
|          |      | Materials:<br>Pump housing:<br>Impeller:   | Cast iron<br>EN-JL1040<br>ASTM A48-40<br>Stainless steel<br>DIN WNr. 1.4<br>AISI 304 |                                       |                             |  |  |  |
|          |      | Installation:<br>Range of ambient temperature:<br>Maximum operating pressure:<br>Flange standard:<br>Pipe connection:<br>Pump inlet:<br>Pump outlet:<br>Pressure rating:<br>Port-to-port length:<br>Flange size for motor:   | -30 40 °C<br>10 bar<br>DIN<br>DN 65<br>DN 65<br>DN 65<br>PN 6/10<br>340 mm<br>FT85   |                                       |                             |  |  |  |
|          |      | Electrical data:<br>Motor type:<br>Rated power - P2:<br>Mains frequency:<br>Rated voltage:<br>Rated current:   | 71B<br>2 x 0.25 kW<br>50 Hz<br>1 x 220-230 V<br>2.14 A                               |                                       |                             |  |  |  |



Company name: Created by: Phone:

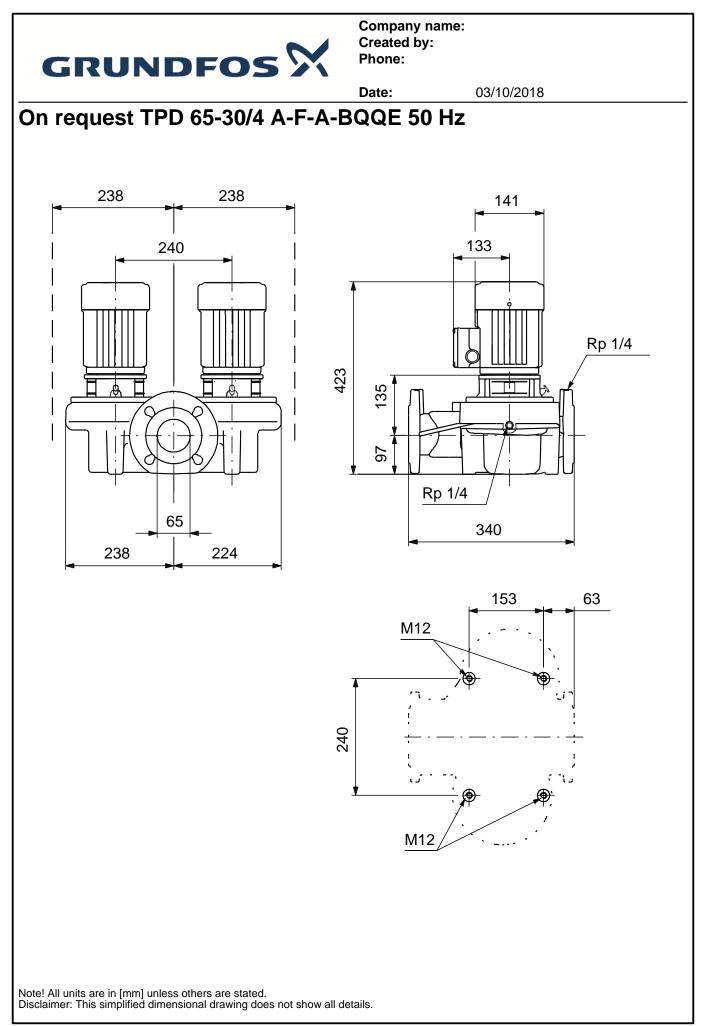
|                 |  | Date:   | 03/10/2018 |
|-----------------|--|---|------------|
| Position   Qty. | Description  |   |            |
|                 | Description   Starting current:   Cos phi - power factor:   Rated speed:   Motor efficiency at full load:   Number of poles:   Enclosure class (IEC 34-5):   Insulation class (IEC 85):   Others:   Minimum efficiency index, MEI   ErP status:   Net weight:   Gross weight:   Shipping volume: | Date:<br>220 %<br>0.97<br>1350-1370 rpm<br>57.0-55.0 %<br>4<br>55 Dust/Jetting<br>F | 03/10/2018 |
|                 |  |   |            |





## Company name: Created by: Phone:

|                                      |                        | Date:    | 1    | 03/10/201 |           |          |
|--------------------------------------|------------------------|----------|------|-----------|-----------|----------|
| Description                          | Value                  | H<br>[m] |      |           | TPD 65-30 | /4, 50Hz |
| General information:                 |                        |          |      |           |           |          |
| Product name:                        | TPD 65-30/4 A-F-A-BQQE |          |      |           |           |          |
| Product No:                          | On request             |          |      |           |           |          |
| EAN number:                          | On request             |          |      |           |           |          |
| Technical:                           | Onrequest              | 3.0 -    | <    |           |           |          |
| Rated flow:                          | 21.4 m³/h              |          |      |           |           |          |
|                                      |                        | 2.5 -    |      |           |           | 1        |
| Rated head:                          | 2.01 m                 | _        |      |           |           |          |
| Head max:                            | 30 dm                  | -        |      |           |           |          |
| Actual impeller diameter:            | 95 mm                  | 2.0 -    |      |           |           | - 8      |
| Primary shaft seal:                  | BQQE                   |          |      |           |           |          |
| Curve tolerance:                     | ISO9906:2012 3B        | 1.5      |      |           |           |          |
| Pump version:                        | A                      | 1.5 -    |      |           |           | - 6      |
| Model:                               | A                      |          |      |           |           |          |
| Materials:                           |                        | 1.0 -    | /    |           |           | - 41     |
| Pump housing:                        | Cast iron              |          |      |           |           |          |
|                                      | EN-JL1040              |          |      |           |           |          |
|                                      | ASTM A48-40 B          | 0.5 -    |      |           |           | - 20     |
| Impeller:                            | Stainless steel        | - /      |      |           |           |          |
|                                      | DIN WNr. 1.4301        |          |      |           |           |          |
|                                      |                        | 0.0      | 5 10 | ) 15      | 20 25     | Q [m³/h] |
| Material and a                       | AISI 304               | P2       |      |           |           | <u> </u> |
| Material code:                       | A                      | [W]      |      |           |           |          |
| Installation:                        |                        |          |      |           |           |          |
| Range of ambient temperature:        | -30 40 °C              | 250 -    |      |           |           | - 5      |
| Maximum operating pressure:          | 10 bar                 |          |      |           |           |          |
| Flange standard:                     | DIN                    | 200 -    |      |           |           | - 4      |
| Pipe connection:                     | DN 65                  | 150 -    |      |           |           | 3        |
| Pump inlet:                          | DN 65                  |          |      |           |           |          |
| Pump outlet:                         | DN 65                  | 100 -    |      |           |           | / 2      |
| Pressure rating:                     | PN 6/10                | 50 -     |      |           |           |          |
| Port-to-port length:                 | 340 mm                 | 50 -     |      |           |           |          |
| Flange size for motor:               | FT85                   | 0        |      |           |           | O        |
| Connect code:                        | F                      |          |      |           |           |          |
|                                      | 1                      |          |      |           |           |          |
| Liquid:                              | Motor                  |          |      |           |           |          |
| Pumped liquid:                       | Water                  |          |      |           |           |          |
| Liquid temperature range:            | -25 120 °C             |          |      |           |           |          |
| Liquid temperature during operation: |                        |          |      |           |           |          |
| Density:                             | 998.2 kg/m³            |          |      |           |           |          |
| Electrical data:                     |                        |          |      |           |           |          |
| Motor type:                          | 71B                    |          |      |           |           |          |
| Rated power - P2:                    | 2 x 0.25 kW            |          |      |           |           |          |
| Mains frequency:                     | 50 Hz                  |          |      |           |           |          |
| Rated voltage:                       | 1 x 220-230 V          |          |      |           |           |          |
| Rated current:                       | 2.14 A                 |          |      |           |           |          |
| Starting current:                    | 220 %                  |          |      |           |           |          |
| Cos phi - power factor:              | 0.97                   |          |      |           |           |          |
|                                      |                        |          |      |           |           |          |
| Rated speed:                         | 1350-1370 rpm          |          |      |           |           |          |
| Motor efficiency at full load:       | 57.0-55.0 %            |          |      |           |           |          |
| Number of poles:                     | 4                      |          |      |           |           |          |
| Enclosure class (IEC 34-5):          | 55 Dust/Jetting        |          |      |           |           |          |
| Insulation class (IEC 85):           | F                      |          |      |           |           |          |
| Motor protec:                        | PTO                    |          |      |           |           |          |
| Motor No:                            | 86215101               |          |      |           |           |          |
| Others:                              |                        |          |      |           |           |          |
| Minimum efficiency index, MEI :      | 0.70                   |          |      |           |           |          |
| ErP status:                          | EuP Standalone/Prod.   |          |      |           |           |          |
|                                      |                        |          |      |           |           |          |
| Net weight:                          | 65 kg                  |          |      |           |           |          |
| Gross weight:                        | 72 kg                  |          |      |           |           |          |
| Shipping volume:                     | 0.22 m³                |          |      |           |           |          |





Company name: Created by: Phone:

03/10/2018

