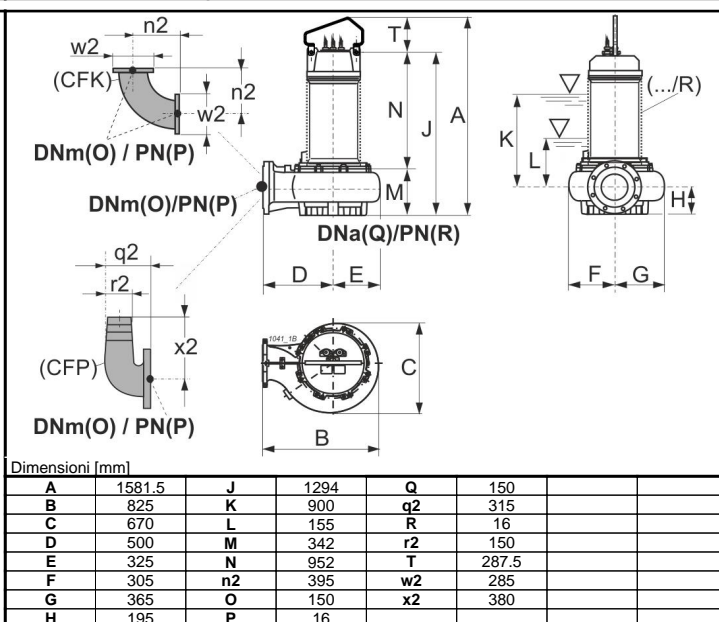
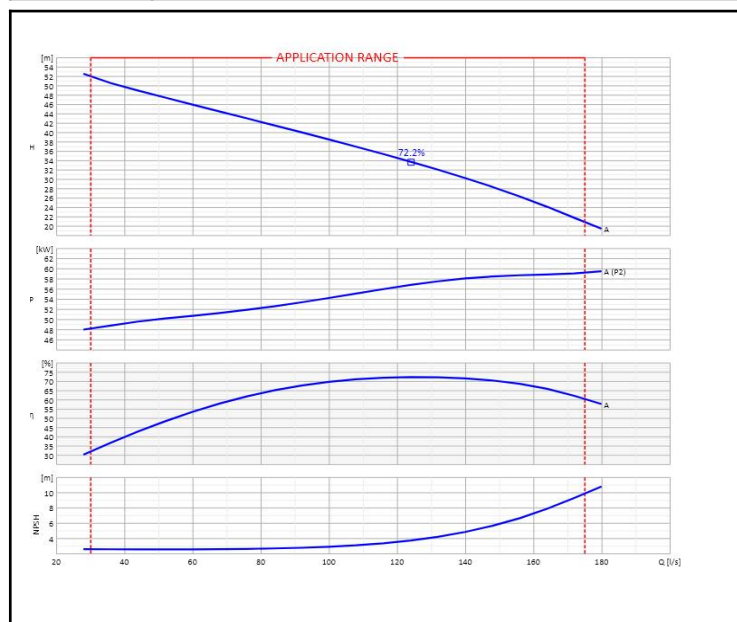


|                  |                                           |                    |                   |
|------------------|-------------------------------------------|--------------------|-------------------|
| <b>Customer:</b> |                                           | <b>Ref.:</b>       |                   |
| Item             | Quantity                                  | Required flow rate | n.d.              |
| Type             | SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER | Model              | KCM150RA+062042N1 |



| OPERATING DATA- ISO 9906:2012 3B - |       |        |       |          | CONSTRUCTION CHARACTERISTICS |                 |            |            |
|------------------------------------|-------|--------|-------|----------|------------------------------|-----------------|------------|------------|
| Q [l/s]                            | H [m] | P [kW] | η [%] | NPSH [m] | Delivery diameter            | 150             | mm         |            |
|                                    |       |        |       |          | Type of Impeller             | Single channel  |            |            |
|                                    |       |        |       |          | Moment of inertia            | 1.54348 Kg·m²   |            |            |
|                                    |       |        |       |          | Electric pump weight         | Installation    | 812        | Kg         |
|                                    |       |        |       |          | Seal on pump side            | Motor side      | Mechanical | Mechanical |
|                                    |       |        |       |          | Type of installation         | n.d.            |            |            |
|                                    |       |        |       |          | Operation                    | Continuous (S1) |            |            |

| OPERATING LIMITS                  |             |        |  | OPERATING CHARACTERISTICS       |           |          |      |
|-----------------------------------|-------------|--------|--|---------------------------------|-----------|----------|------|
| Pumped liquid                     | Waste water |        |  | Service flow rate               | n.d.      | n.d.     |      |
| Max. temperature of pumped liquid | 40          | °C     |  | Service head                    | n.d.      | n.d.     |      |
| Maximum density                   | 1           | kg/dm³ |  | H (Q=0)                         | Hmax      | 64.8     | 52   |
| Maximum viscosity                 | 1           | mm²/s  |  | Qmin                            | Qmax      | 30       | 175  |
| Max. solid content                | 4           | %      |  | Power consumption at duty point | n.d.      |          |      |
| Max. number of starts/hr          | 10          |        |  | Max power consumption           | 59.18     |          |      |
| Free passage                      | 102         | mm     |  | Pump efficiency                 | Overall   | n.d.     | n.d. |
| Minimum immersion depth           | 900         | mm     |  | Sense of rotation (*)           | Clockwise |          |      |
| ELECTRIC PUMP MATERIALS           |             |        |  | Number of pumps installed       | Operating | Stand-by |      |
|                                   |             |        |  |                                 | 1         | 0        |      |

|                               |                                 |                                |        |                |      |
|-------------------------------|---------------------------------|--------------------------------|--------|----------------|------|
| Support bearing               | Nodular cast iron               | ELECTRIC MOTOR CHARACTERISTICS |        |                |      |
| Head cover                    | Cast iron                       |                                |        |                |      |
| Cable clamp                   | Cast iron                       | Nominal power                  | 62     | kW             |      |
| Round power cable             | n.d.                            | Rated frequency                | 50     | Hz             |      |
| Round auxiliary cable         | n.d.                            | Rated voltage                  | 400    | V              |      |
| Motor casing                  | Cast iron                       | Rated current                  | 117    | A              |      |
| Shaft                         | Stainless steel                 | No. Poles                      | 4      | Rotation speed | 1455 |
| Conductivity probe            | n.d.                            | Type of motor                  | 3 ~    |                |      |
| Delivery body                 | Cast iron                       | Efficiency 4/4                 | 88.0 % |                |      |
| Impeller                      | Cast iron                       | Power factor 4/4               | 0.860  |                |      |
| Oil box                       | Cast iron                       | Is/In                          | 5.3    | Ts/Tn          | n.d. |
| Ring impeller seat            | Steel/Rubber                    | Thermal protection             | Klixon |                |      |
| Mechanical seal on pump side  | Silicon carbide/silicon carbide | Insulation class               | F      |                |      |
| Mechanical seal on motor side | Silicon carbide/silicon carbide | Protection class               | IP68   |                |      |
| Screws and nuts               | Stainless steel                 | Explosion-proof                | n.a.   |                |      |
|                               |                                 | Power supply cable             | Length | H07RN-         | 10   |
|                               |                                 | Efficiency class               | S.F    |                | n.d. |

|               |                                     |
|---------------|-------------------------------------|
| <b>Notes:</b> | (*) Viewed from motor coupling side |
| OFFER No.     | Pos.                                |
|               | Date                                |

19/01/2020

T400IT-V01