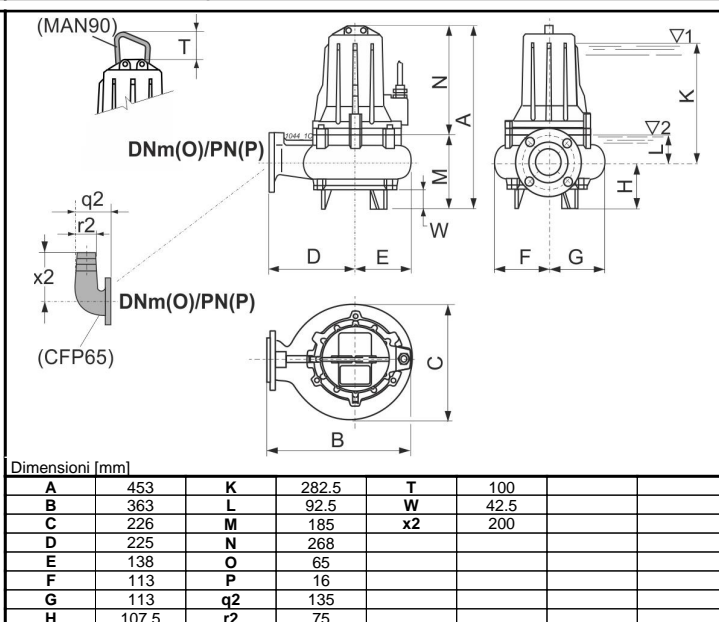
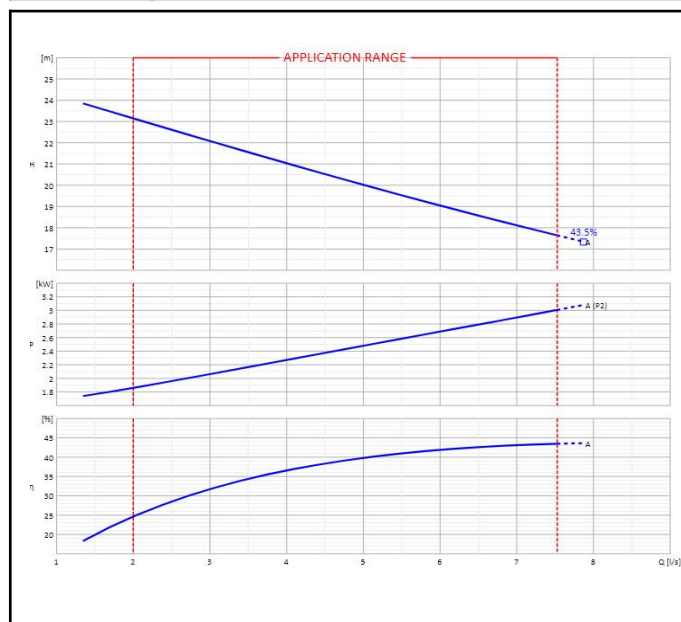


| | | | |
|------------------|---|--------------------|-------------------|
| Customer: | | Ref.: | |
| Item | Quantity | Required flow rate | n.d. |
| Type | SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER | Model | KCW065FA+003021N1 |



| OPERATING DATA- ISO 9906:2012 3B - | | | | | CONSTRUCTION CHARACTERISTICS | | | |
|------------------------------------|-------|--------|-------|----------|------------------------------|-----------------|------------|------------|
| Q [l/s] | H [m] | P [kW] | η [%] | NPSH [m] | Delivery diameter | 65 mm | | |
| | | | | | Type of Impeller | Open retracted | | |
| | | | | | Moment of inertia | 0.00548 Kg·m² | | |
| | | | | | Electric pump weight | Installation | 51 | 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 | 25.8 | 23.13 |
| Maximum viscosity | 1 | mm²/s | | Qmin | Qmax | 2 | 7.53 |
| Max. solid content | 4 | % | | Power consumption at duty point | n.d. | | n.d. |
| Max. number of starts/hr | 20 | | | Max power consumption | 3 | | kW |
| Free passage | 40 | mm | | Pump efficiency | Overall | n.d. | n.d. |
| Minimum immersion depth | 282.5 | 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 | | | |
| Cable clamp | Brass | | | | |
| Round power cable | n.d. | Nominal power | 3 | kW | |
| Motor casing | Cast iron | Rated frequency | 50 | Hz | |
| Stator | Electrical steel | Rated voltage | 400 | V | |
| Complete shaft with rotor | Stainless steel/Magnetic steel | Rated current | 6.6 | A | |
| Conductivity probe | n.d. | No. Poles | 2 | Rotation speed | 2835 |
| Elastic ring | Steel | Type of motor | 3 ~ | | |
| Delivery body | Cast iron | Efficiency 4/4 | 79.0 % | | |
| Suction support | Cast iron | Power factor 4/4 | 0.830 | | |
| Impeller | Cast iron | Is/In | 6 | Ts/Tn | n.d. |
| Ring impeller seat | | Thermal protection | | | |
| Mechanical seal on pump side | silicon carbide/ceramic | Insulation class | F | | |
| Mechanical seal on motor side | Ceramic/graphite | Protection class | IP68 | | |
| Screws and nuts | Stainless steel | Explosion-proof | n.a. | | |
| | | Power supply cable | Length | NSSHO | 10 |
| | | Efficiency class | S.F | | n.d. |

| | |
|---------------|-------------------------------------|
| Notes: | (*) Viewed from motor coupling side |
| OFFER No. | Pos. |
| | Date |
| | 16/01/2020 |