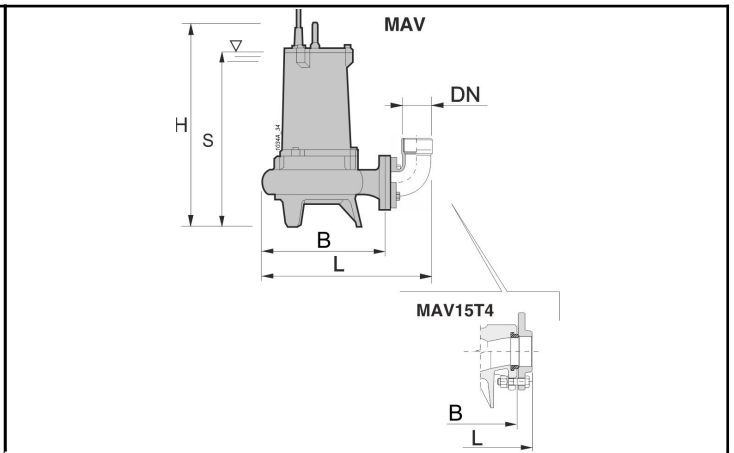
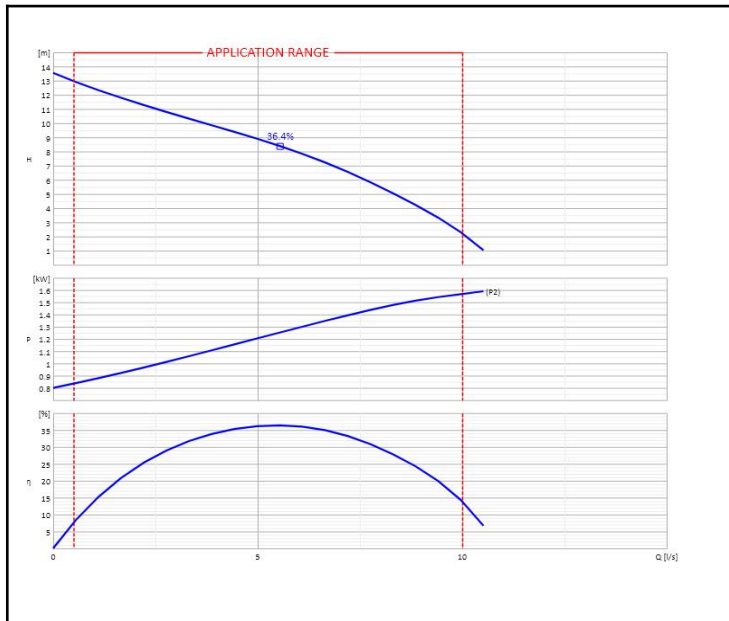


| | | | |
|------------------|---|--------------------|--------------|
| Customer: | | Ref.: | |
| Item | Quantity | Required flow rate | n.d. |
| Type | SUBMERSIBLE ELECTRIC PUMP FOR WASTE WATER | Model | MAV15T2-400V |



| Dimensioni [mm] | |
|-----------------|------|
| B | 349 |
| DNm | G 2" |
| H | 490 |
| L | 360 |
| S | 380 |

| OPERATING DATA - ISO 9906:2012 3B - | | | | | CONSTRUCTION CHARACTERISTICS | | | |
|-------------------------------------|-------|--------|-------|----------|------------------------------|--------------|----------------|------|
| Q [l/s] | H [m] | P [kW] | η [%] | NPSH [m] | Delivery diameter | | G 2" n.d. | |
| | | | | | Type of Impeller | | Open retracted | |
| | | | | | Moment of inertia | | n.d. | |
| | | | | | Electric pump weight | Installation | 35 | Kg |
| | | | | | Seal on pump side | Motor side | Mechanical | n.d. |
| | | | | | 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 | 0 | 12.97 |
| Maximum viscosity | 1 | mm²/s | | Qmin | Qmax | 0.5 | 10 |
| Max. solid content | n.d. | % | | Power consumption at duty point | n.d. | | n.d. |
| Max. number of starts/hr | 20 | | | Max power consumption | 1.57 | | kW |
| Free passage | 50 | mm | | Pump efficiency | Overall | n.d. | n.d. |
| Minimum immersion depth | n.d. | n.d. | | Sense of rotation (*) | | Clockwise | |
| ELECTRIC PUMP MATERIALS | | | | Number of pumps installed | | Operating | Stand-by |
| | | | | | | 1 | 0 |

| ELECTRIC MOTOR CHARACTERISTICS | | | |
|--------------------------------|---------------------------------|--------|------------|
| Round power cable | n.d. | | |
| Stator | Electrical steel | | |
| Rotor | Electrical steel | | |
| Wear ring | Cast iron | | |
| Impeller | Cast iron | | |
| Mechanical seal | Silicon carbide/silicon carbide | | |
| Delivery casing | Cast iron | | |
| Duck foot pedestal | Cast iron | | |
| Gasket for flange | Nitrile rubber | | |
| Nominal power | | 1.6 | kW |
| Rated frequency | | 50 | Hz |
| Rated voltage | | 400 | V |
| Rated current | | 3.9 | A |
| No. Poles | Rotation speed | 2 | 2800 1/min |
| Type of motor | | 1 ~ | |
| Efficiency 4/4 | | 73 % | |
| Power factor 4/4 | | | |
| Is/In | Ts/Tn | n.d. | n.d. |
| Thermal protection | | | |
| Insulation class | | F | |
| Protection class | | IP68 | |
| Explosion-proof | | n.a. | |
| Power supply cable | Length | H07RN8 | 10 m |
| Efficiency class | S.F | n.d. | |

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