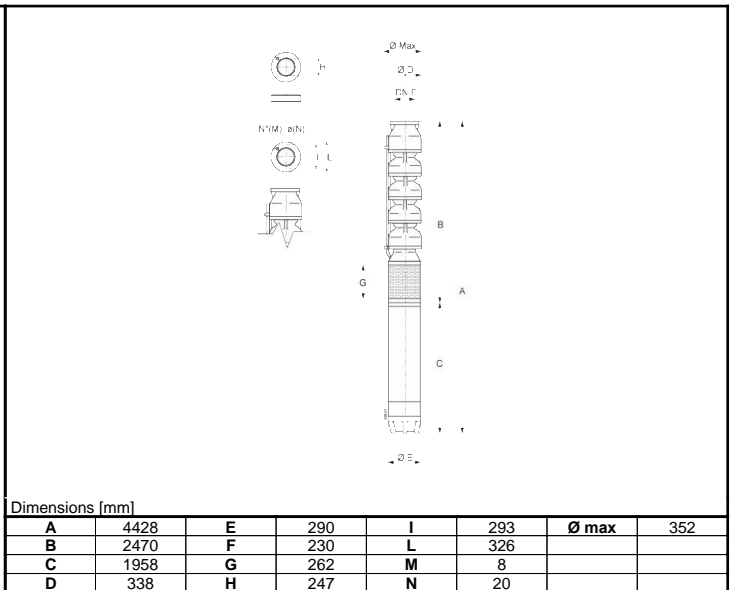
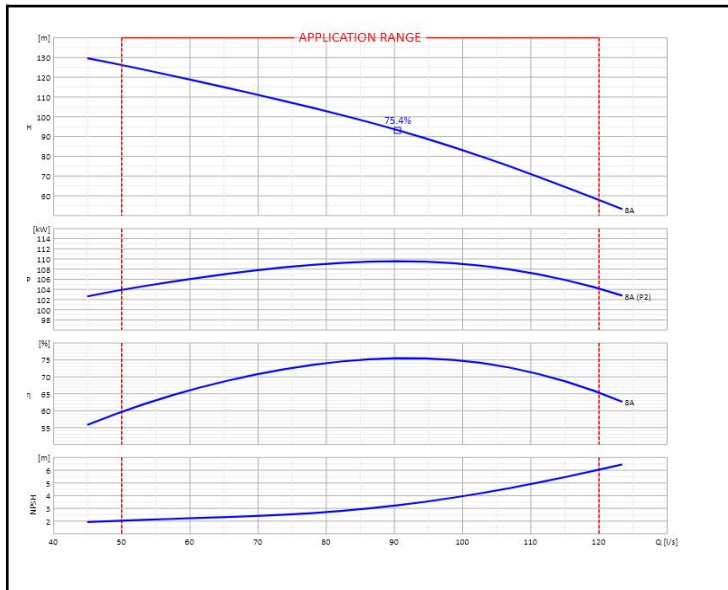


| | | | |
|------------------|---------------------------|---------------|-------------------------|
| Customer: | | Ref.: | |
| Item | Quantity | Required flow | n.d. |
| Type | SUBMERSIBLE ELECTRIC PUMP | Model | E14SE64/8A+MAC12150P-8V |



| OPERATING DATA- ISO 9906:2012 3B - | | | | | CONSTRUCTION CHARACTERISTICS | | |
|------------------------------------|-------|--------|-------|----------|------------------------------|------------|----|
| Q [l/s] | H [m] | P [kW] | η [%] | NPSH [m] | | | |
| | | | | | Delivery diameter | 230 | mm |
| | | | | | Max. overall diameter | 352 | mm |
| | | | | | Weight of electric pump | 1235 | Kg |
| | | | | | No. Stages | 8 | |
| | | | | | Motor seal | Mechanical | |
| | | | | | Type of installation | Vertical | |

| OPERATING LIMITS | | | | | PUMP MATERIALS | | |
|---|--------------------|---------------|--------|----------|--------------------------|---------------------------------|--|
| Pumped liquid | | Water | | | Diffuser unit | Cast iron | |
| Max. temp. of pumped liquid (*) | | 25 | °C | | Suction casing | Nodular cast iron | |
| Maximum density | | 1 | kg/dm³ | | Impeller | Stainless steel | |
| Maximum viscosity | | 1 | mm²/s | | Shaft | Stainless steel | |
| Maximum solid content | | 40 | g/m³ | | Coupling | Stainless steel | |
| Max. number of starts/hr | | 5 | | | Pump shaft bearing bush | Steel/Rubber | |
| Minimum immersion depth | | 880 | mm | | Valve casing | Cast iron | |
| OPERATING CHARACTERISTICS | | | | | Strainer | Stainless steel | |
| Service flow rate | | n.d. | | n.d. | Wear ring | Cast iron | |
| Service head | | n.d. | | n.d. | | | |
| Qmin | Qmax | 50 | 120 | l/s | MOTOR MATERIALS | | |
| H (Q=0) | Hmax (Qmin) | 156.68 | 126.01 | m | Shaft | Stainless steel | |
| Power consumption at duty point | | n.d. | | n.d. | Upper bracket | Cast iron | |
| Pump efficiency | Overall efficiency | n.d. | n.d. | n.d. | Rotor | Electrical steel | |
| Max. pump efficiency (B.E.P.) | | 75.4 | | n.d. | Stator | Electrical steel | |
| Sense of rotation (**) | | Anticlockwise | | | Stator shell | Stainless steel | |
| Number of pumps installed | | Operating | | Stand-by | Winding | Green wire | |
| | | 1 | | 0 | Lower bracket | Cast iron | |
| ELECTRIC MOTOR CHARACTERISTICS | | | | | Mechanical seal | Silicon carbide/silicon carbide | |
| Nominal power | | 110 | kW | | Bearing | Graphite | |
| Rated frequency | | 50 | Hz | | Thrust-bearing | Stainless steel/Synthetic | |
| Rated voltage | | 400 | V | | Thrust-bearing foot slip | Cast iron | |
| Rated current | | 216.4 | | A | Diaphragm | Rubber | |
| No. Poles | Nominal speed | 4 | 1460 | 1/min | Shaft sleeve | Chrome plated steel | |
| Insulation class | Protection class | n.d. | | IP68 | Motor bracket | Cast iron | |
| Certified motor for use with drinking water | | | | | | | |

| | | | |
|---------------|---|------|------------|
| Notes: | (*) Speed of the water outside the jacket of the motor v=0.5 m/s | | |
| | (**) View from delivery port. | | |
| | In case of VSD operation, refer to Use and Maintenance Instructions of the electric pump. | | |
| OFFER No. | | Pos. | Date |
| | | | 16/01/2020 |