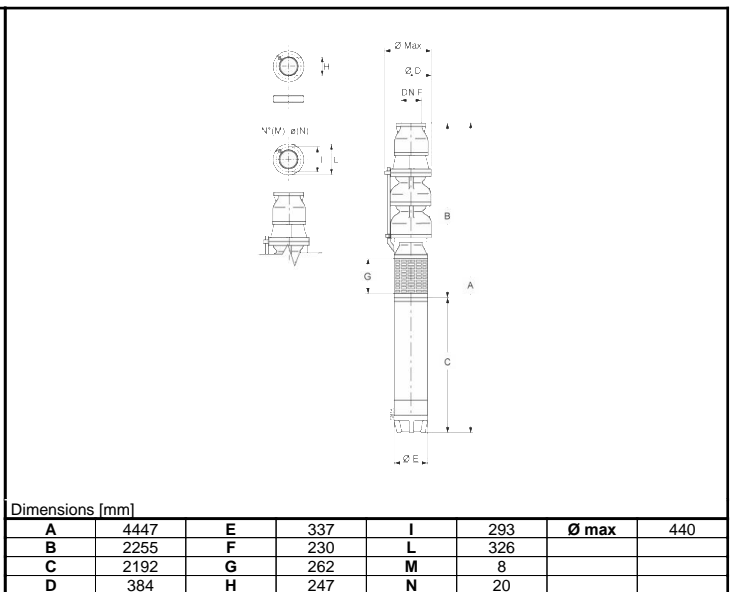
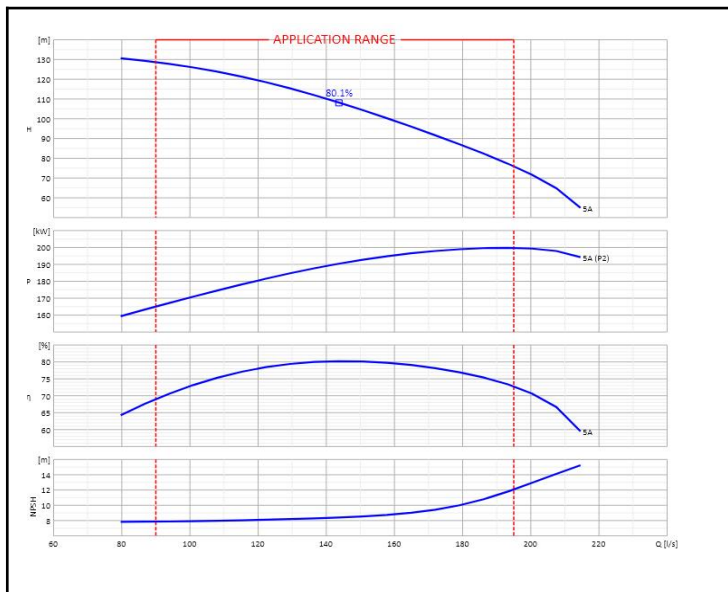


| | | | |
|------------------|---------------------------|---------------|-----------------------|
| Customer: | | Ref.: | |
| Item | Quantity | Required flow | n.d. |
| Type | SUBMERSIBLE ELECTRIC PUMP | Model | E18SE55/5A+M14270P-8V |



| 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 | 440 | mm |
| | | | | | Weight of electric pump | 1575.5 | Kg |
| | | | | | No. Stages | 5 | |
| | | | | | Motor seal | Mechanical | |
| | | | | | Type of installation | Vertical | |

| OPERATING LIMITS | | | | PUMP MATERIALS | | | | | |
|---|------------------|---------------|--------|-------------------------|--|--------------------------|--|---------------------------------|--|
| Pumped liquid | | Water | | Delivery casing | | Cast iron | | | |
| Max. temp. of pumped liquid (*) | | 25 | °C | Diffuser unit | | Cast iron | | | |
| Maximum density | | 1 | kg/dm³ | Suction casing | | Nodular cast iron | | | |
| Maximum viscosity | | 1 | mm²/s | Impeller | | Cast iron | | | |
| Maximum solid content | | 40 | g/m³ | Bearing bush | | Bronze | | | |
| Max. number of starts/hr | | 5 | | Coupling | | Stainless steel | | | |
| Minimum immersion depth | | 1100 | mm | Pump shaft bearing bush | | Bronze | | | |
| OPERATING CHARACTERISTICS | | | | Valve casing | | Cast iron | | | |
| | | | | Strainer | | Stainless steel | | | |
| Service flow rate | | n.d. | | Wear ring | | Cast iron | | | |
| Service head | | n.d. | | MOTOR MATERIALS | | | | | |
| Qmin | Qmax | 90 | 195 | | | | | Shaft | |
| H (Q=0) | Hmax (Qmin) | 153.68 | 128.46 | Upper bracket | | Cast iron | | | |
| Power consumption at duty point | | n.d. | | Rotor | | Electrical steel | | | |
| Pump efficiency | | n.d. | | Stator | | Electrical steel | | | |
| Max. pump efficiency (B.E.P.) | | 80.1 | | Stator shell | | Stainless steel | | | |
| Sense of rotation (**) | | Anticlockwise | | Winding | | PE2+PA | | | |
| Number of pumps installed | | Operating | | Lower bracket | | Cast iron | | | |
| | | 1 | | Stand-by | | Mechanical seal | | Silicon carbide/silicon carbide | |
| ELECTRIC MOTOR CHARACTERISTICS | | | | Bearing bush | | Bronze | | | |
| | | | | Nominal power | | 200 | | kWh | |
| Rated frequency | | 50 | | Hz | | Thrust-bearing foot slip | | Nodular cast iron | |
| Rated voltage | | 400 | | V | | Diaphragm | | Rubber | |
| Rated current | | 398.7 | | A | | Shaft sleeve | | Chrome plated steel | |
| No. Poles | Nominal speed | 4 | 1450 | 1/min | | Motor bracket | | Nodular cast iron | |
| Insulation class | Protection class | n.d. | | IP68 | | | | | |
| Certified motor for use with drinking water | | | | | | | | | |

| | | |
|---------------|---|------------|
| Notes: | (*) Speed of the water outside the jacket of the motor v=0.3 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 |