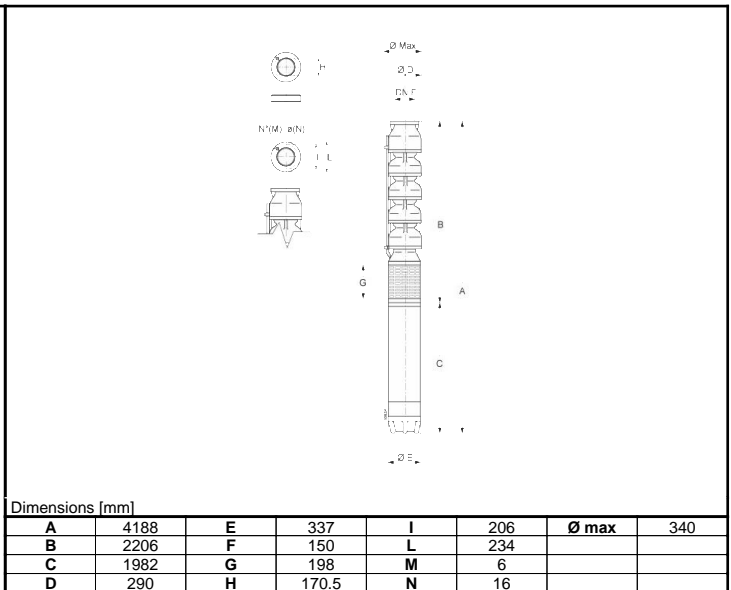
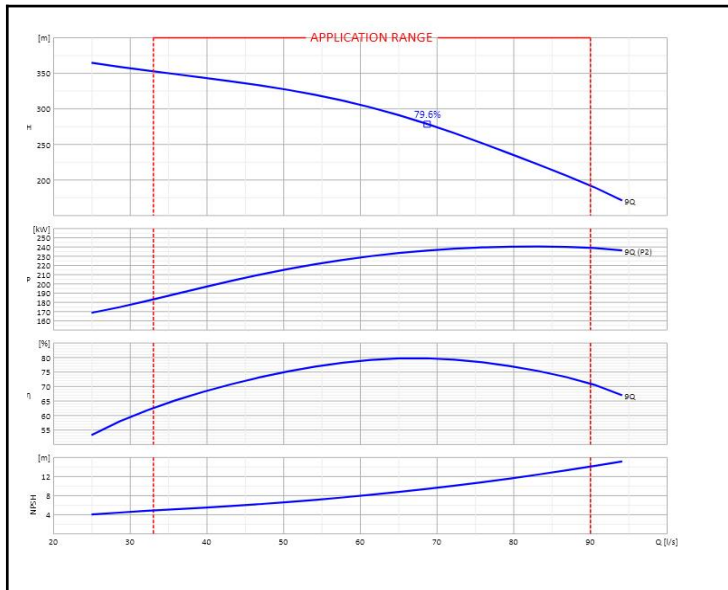


|                  |                           |               |                     |
|------------------|---------------------------|---------------|---------------------|
| <b>Customer:</b> |                           | <b>Ref.:</b>  |                     |
| Item             | Quantity                  | Required flow | n.d.                |
| Type             | SUBMERSIBLE ELECTRIC PUMP | Model         | E12S55/9Q+M14330-8V |



| OPERATING DATA- ISO 9906:2012 3B - |       |        |       |          | CONSTRUCTION CHARACTERISTICS |            |    |
|------------------------------------|-------|--------|-------|----------|------------------------------|------------|----|
| Q [l/s]                            | H [m] | P [kW] | η [%] | NPSH [m] |                              |            |    |
|                                    |       |        |       |          | Delivery diameter            | 150        | mm |
|                                    |       |        |       |          | Max. overall diameter        | 340        | mm |
|                                    |       |        |       |          | Weight of electric pump      | 974        | Kg |
|                                    |       |        |       |          | No. Stages                   | 9          |    |
|                                    |       |        |       |          | 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     | Impeller                |  | Cast iron              |  |
| Maximum density                 |  | 1     | kg/dm³ | Shaft                   |  | Stainless steel        |  |
| Maximum viscosity               |  | 1     | mm²/s  | Coupling                |  |                        |  |
| Maximum solid content           |  | 40    | g/m³   | Pump shaft bearing bush |  | Stainless steel/rubber |  |
| Max. number of starts/hr        |  | 3     |        | Valve casing            |  | Cast iron              |  |
| Minimum immersion depth         |  | 850   | mm     | Strainer                |  | Stainless steel        |  |
|                                 |  |       |        | Wear ring               |  | Steel/Rubber           |  |

| OPERATING CHARACTERISTICS       |                    |               |        | MOTOR MATERIALS          |  |                                 |  |
|---------------------------------|--------------------|---------------|--------|--------------------------|--|---------------------------------|--|
| Service flow rate               |                    | n.d.          |        | Shaft                    |  | Stainless steel                 |  |
| Service head                    |                    | n.d.          |        | Upper bracket            |  | Cast iron                       |  |
| Qmin                            | Qmax               | 33            | 90     | Rotor                    |  | Electrical steel                |  |
| H (Q=0)                         | Hmax (Qmin)        | 398.7         | 352.24 | Stator                   |  | Electrical steel                |  |
| Power consumption at duty point |                    | n.d.          |        | Stator shell             |  | Stainless steel                 |  |
| Pump efficiency                 | Overall efficiency | n.d.          | n.d.   | Winding                  |  | PE2+PA                          |  |
| Max. pump efficiency (B.E.P.)   |                    | 79.6          |        | Lower bracket            |  | Cast iron                       |  |
| Sense of rotation (**)          |                    | Anticlockwise |        | Mechanical seal          |  | Silicon carbide/silicon carbide |  |
| Number of pumps installed       |                    | Operating     |        | Bearing bush             |  | Bronze                          |  |
|                                 |                    | 1             |        | Thrust-bearing           |  | Brass/Synthetic compound        |  |
|                                 |                    |               |        | Thrust-bearing foot slip |  | Nodular cast iron               |  |
|                                 |                    |               |        | Diaphragm                |  | Rubber                          |  |
|                                 |                    |               |        | Shaft sleeve             |  | Chrome plated steel             |  |
|                                 |                    |               |        | Motor bracket            |  | Nodular cast iron               |  |

| ELECTRIC MOTOR CHARACTERISTICS |                  |         |            |
|--------------------------------|------------------|---------|------------|
| Nominal power                  |                  | 240 kW  |            |
| Rated frequency                |                  | 50 Hz   |            |
| Rated voltage                  |                  | 400 V   |            |
| Rated current                  |                  | 453.4 A |            |
| No. Poles                      | Nominal speed    | 2       | 2955 1/min |
| Insulation class               | Protection class | n.d.    | IP68       |

|   |      |            |
|---|------|------------|
| 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 |