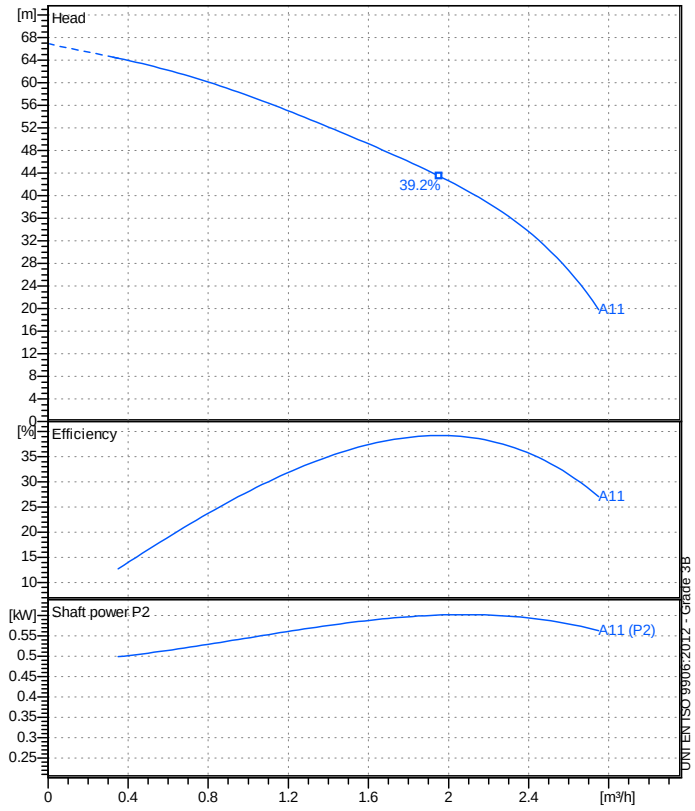
# Technical data
## FS-98A11

| Revision no | Page: |
|---|---|
| | 1 |

| | Receiver | From |
|---|---|---|
| Company name | | |
| Respons. Department | | |
| Person in charge | | |
| Phone number | | |
| Fax no | | |
| E-mail address | | |




### Operating data specification

| | | |
|---|---|---|
| Nominal flow | m³/h | 0 |
| Nominal head | m | 0 |
| Static head | m | 0 |
| NPSH - value of plant | m | 0 |
| Inlet pressure | bar | 0.09793 |
| Fluid | | Water, pure |
| Operating temperature t A | °C | 20 |
| Density at t A | kg/dm³ | 0.9983 |
| Kin. viscosity at t A | mm²/s | 1.005 |

### Pump

| | | | | |
|---|---|---|---|---|
| Pump name | | FS-98A11 | | |
| Size | | 4" | | |
| Design | | | | |
| Speed 1/min | 2900 | No of stages | 11 | |
| Impeller type | | Radial impeller | | |
| Flow | Nominal | | m³/h | |
| | Max- | | m³/h | 2.75 |
| | Min- | | m³/h | 0.35 |
| Head | Nominal | | m | |
| | Max- | | m | 64.3 |
| | Min- | | m | 19.8 |
| Head H(Q=0) | | | m | 66.9 |
| NPSH 3% | | | m | |
| Max. working pressure | | | bar | 6.55 |
| Shaft power | | | kW | |
| Efficiency | | | % | |
| Max absorbed power | | | kW | 0.60176 |

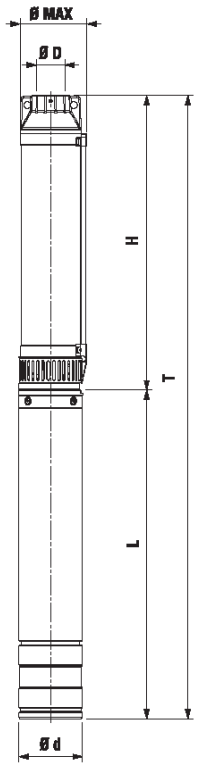
### Materials Pump

| | |
|---|---|
| Shaft | Stainless steel AISI 431 (1.4057) |
| Impeller | Polycarbonates |
| Diffuser | Thermoplastic resin |
| Suction support | Brass |
| Outlet | Brass |
| Tubo | Stainless steel AISI 304 (1.4301) |
| Cable cover | Stainless steel AISI 304 (1.4301) |
| Valvola sferica | Rubber |
| | |
| | |
| | |
| | |
| | |
| | |

| Motor | | Frame size | | 4" | |
|---|---|---|---|---|---|
| Manufacturer / Type | | SAER CL 95-0,75M | | | |
| Rated power | kW | 0.55 | Efficiency 4/4 | | 60 % |
| Electric current | A | 5.7 | Speed | 1/min | 2900 |
| Electric voltage | V | 230 V | 1~ | Hz | 50 |
| Starting mode | | Directly | | | |
| Degree of protection | | IP 68 | Insulation class | | B |

### Dimensions in mm

| | |
|---|---|
| H | 402 |
| od | 94 |
| oD | G 1" 1/4 |
| oMax | 100 |
| T | 760 |




Remarks:

| Project | Project ID | Created by | Created on | Last update |
|---|---|---|---|---|
| | | | 2019-02-13 | |