

4GS11M-L4C

| | | | | | | | | | | |
|---|------------------------------|---|--|---------|---------------------------|--|--|----------------------------------|--------------------------|-----------------------|
| Company Contact Phone number Email | | | Customer Contact Phone number Email | | | Date Item no. Project Project no. | | | 1/7/2021 | |
| Operating data | | | | | | | | | | |
| 1 | Pumpe type | Single head pump | | | Fluid | | | Water, pure | | |
| 2 | No. of pumps / Reserve | 1 / | | | Operating temperature t A | | | °C 4 | | |
| 3 | Nominal flow | m ³ /h | 0 | | | pH-v value at t A | | | 7 | |
| 4 | Nominal head | m | 0 | | | Density at t A | | | kg/m ³ 1000 | |
| 5 | Static head | m | 0 | | | Kin. viscosity at t A | | | mm ² /s 1.569 | |
| 6 | Inlet pressure | kPa | 0 | | | Vapor pressure at t A | | | kPa 100 | |
| 7 | Environmental temperature | °C | 20 | | | Solids | | | 0 | |
| 8 | Available system NPSH | m | 0 | | | Altitude | | | m 0 | |
| Pump data | | | | | | | | | | |
| 9 | Pump designation | 4GS11M-L4C | | | Impeller Ø | | | Max. | mm 72 | |
| 10 | Design | Borehole pumps | | | | | | designed | mm 72 | |
| 11 | Make | Lowara | | | | | | Min. | mm 72 | |
| 12 | Speed | rpm | 2900 | | | Flow | | | Nominal | m ³ /h () |
| 13 | Number of stages | 14 | | | Max- | | | | m ³ /h 5.4 | |
| 14 | Suction nozzle | / / | | | Min- | | | | m ³ /h | |
| 15 | Discharge nozzle | / / | | | Head | | | Nominal | m | |
| 16 | Max. casing pressure | kPa | | | | | | at Qmax | m 29.8 | |
| 17 | Max. working pressure | kPa | 918.5 | | | | | at Qmin | m 93.6 | |
| 18 | Impeller type | | | | Shaft power | | | kW () | | |
| 19 | Impeller design | | | | Max. shaft power | | | kW 1.1 | | |
| 20 | Head H(Q=0) | m | 94 | | | Efficiency | | | % | |
| 21 | Weight | kg | 16 | | | NPSH 3% | | | m | |
| Materials | | | | | | | | | | |
| 22 | Pump | | | | | | | | | |
| 23 | Valve cap | Stainless steel / AISI 304 | | | Motor adapter | | | Stainless steel / CF-8 ASTM A743 | | |
| 24 | Valve gasket | NBR | | | Discharge head | | | Stainless steel / CF-8 ASTM A743 | | |
| 25 | Valve flange | Stainless steel / AISI 304 | | | Screws, nuts, washers | | | Stainless steel / AISI 316 | | |
| 26 | Valve locking ring | Stainless steel / AISI 302 | | | BUSH | | | Technopolymer PU | | |
| 27 | Adapter ring | Technopolymer PPO | | | Diffuser | | | Technopolymer PPO | | |
| 28 | Upper bush bracket | Technopolymer PPO | | | Impeller | | | Technopolymer PPO | | |
| 29 | Thrust bearing | Stainless steel / AISI 304 | | | Bowl | | | Stainless steel / AISI 304 | | |
| 30 | WASHER | Stainless steel / AISI 304 | | | Intermediate bush | | | Stainless steel / CF-8 ASTM A743 | | |
| 31 | Intermediate bush | Technopolymer PPO | | | Cable guard | | | Stainless steel / AISI 304 | | |
| 32 | bracket_pos9 Shaft Sleeve | Stainless steel / AISI 304 | | | Shim | | | Stainless steel / AISI 304 | | |
| 33 | Sleeve | Stainless steel / AISI 304 | | | Upper pump shaft | | | Stainless steel / AISI 304 | | |
| 34 | Upper sleeve | Stainless steel / AISI 304 | | | Intermediate coupling | | | Stainless steel / AISI 316 | | |
| 35 | Pump shaft | Stainless steel / AISI 304 | | | Spacer | | | Stainless steel / AISI 304 | | |
| 37 | Coupling | Stainless steel / AISI 304 | | | | | | | | |
| 36 | Strainer | Stainless steel / AISI 304 | | | | | | | | |
| 38 | | | | | | | | | | |
| Motor data | | | | | Cable | | | | | |
| 39 | Manufacturer | Lowara | Electric voltage | 220 V | | Cable type | | | | |
| 40 | Specific design | 1 phase submersible canned motor (e-GS) | | | Cable cross section | | | mm ² | | |
| 41 | Type | L4C11M235 | Electric current | 8 A | | Environmental temperature | | | °C 20 | |
| 42 | Rated power | 1.1 kW | Degree of protection | IP68 | | Cable length | | | 0 | |
| 43 | Speed | 2820 rpm | Insulation class | 155 (F) | | | | | | |
| 44 | Frame size | 56 | | | | | | | | |
| 45 | Weight | 0 kg | | | | | | | | |
| Base plate | | | | | Remarks: | | | | | |
| 46 | Name | | | | | | | | | |
| 47 | Weight | kg | | | | | | | | |

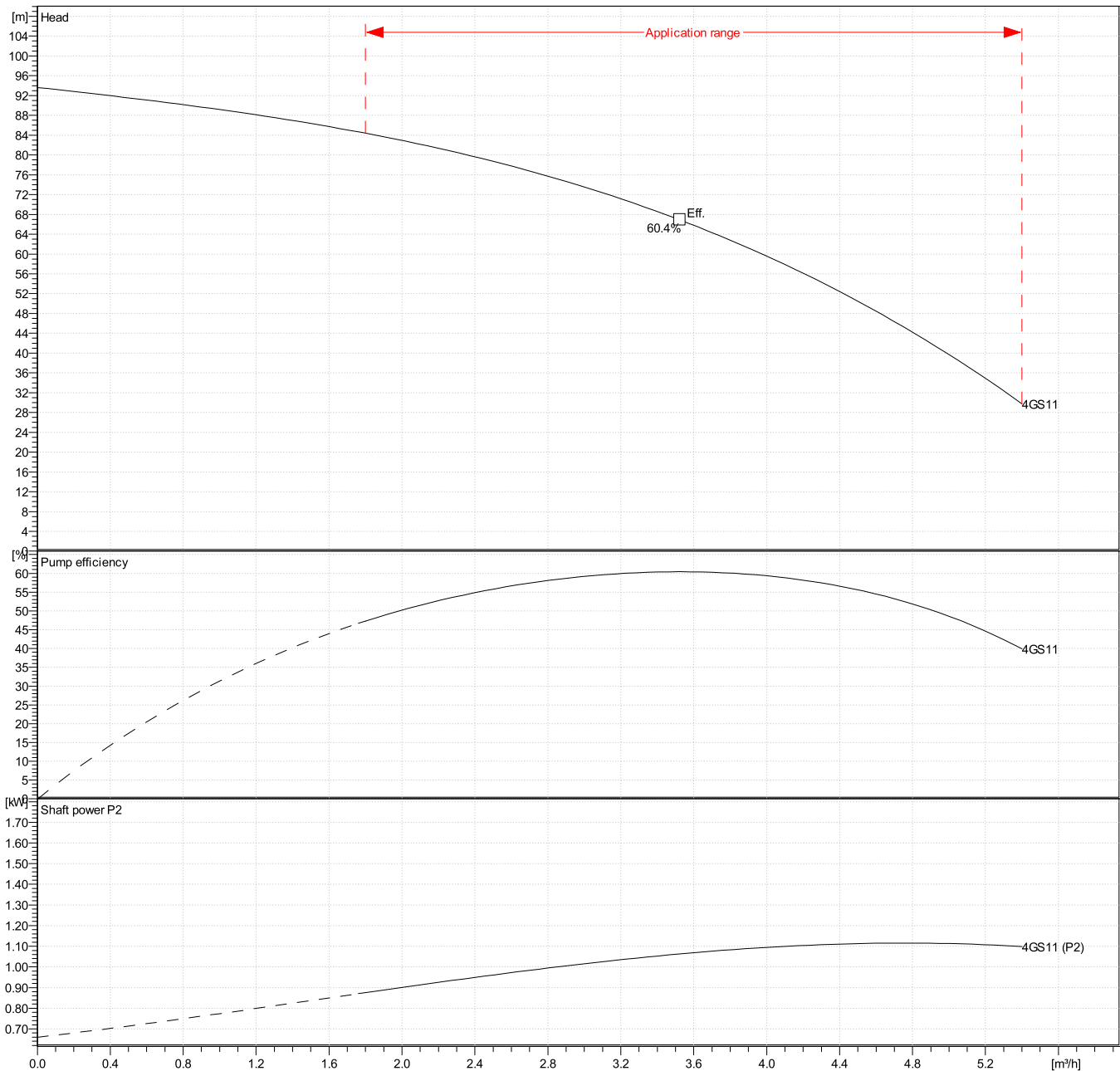
4GS11M-L4C

| | | |
|--|---|--|
| Company Contact Phone number Email | Customer Contact Phone number Email | Date Item no. Project Project no. |
| 1/7/2021 | | |
| Operating Data Specification | Hydraulic data (duty point) | Impeller design |
| Flow: 0 m ³ /h Head: 0 m Static head: 0 m | Flow: 0 m ³ /h Head: 0 m MEI >=0,4 | Impeller R: 72 mm Frequency: 50 Hz Speed: 2900 rpm |

Power datas refered to:

Water, pure [100%] ; 4°C; 1000kg/m³; 1.57mm²/s

Performance according to ISO 9906:2012 – Grade 3B



4GS11M-L4C

| | | | |
|---|--|--|----------|
| Company Contact Phone number Email | Customer Contact Phone number Email | Date Item no. Project Project no. | 1/7/2021 |
|---|--|--|----------|

Dimensions

mm

| | | | | | | | |
|----------|---------------|--|--|--|--|------------------------|--------|
| DNM L | Rp 1 ¼ 789 | | | | | Suction side / PN | |
| | | | | | | Discharge side / PN | |
| | | | | | | Weight | 15.5kg |

