



DIAPHRAGM PUMP

HF-8007



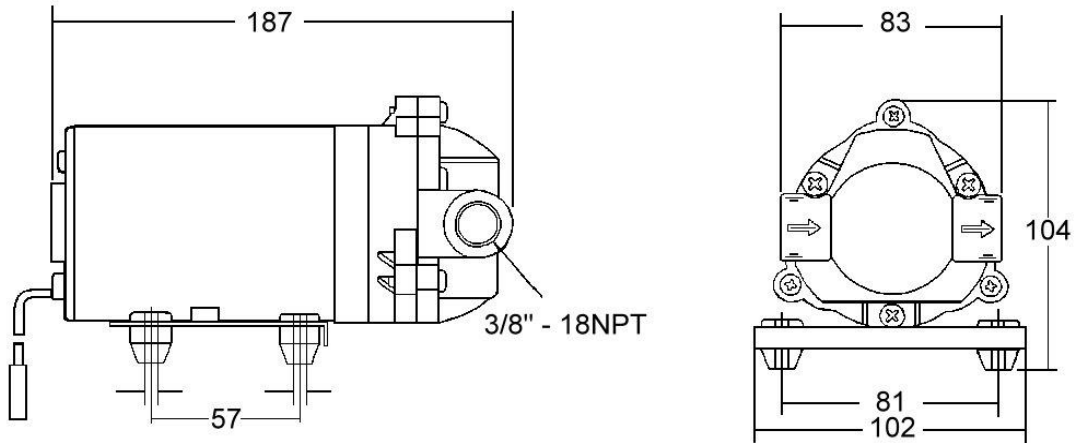
SPECIFICATIONS

- MODEL NUMBER: HF-8007
- PUMP DESIGN: positive displacement three chamber diaphragm pump
- CAM: 2.2 degree
- MOTOR: permanent magnet
- VOLTAGE: 36VDC
- PRESSURE SWITCH: none
- LIQUID TEMPERATURE: 65 °C (149 °F) max.
- RUNS DRY WITHOUT DAMAGE
- PRIME: self-priming up to 2 meter
- PORTS: 3/8"-18 NPT female
- MATERIAL OF CONSTRUCTION: PLASTICS - NYLON,
VALVES - EPDM, DIAPHRAGM - SANTOPRENE
- NET WEIGHT: 2.16 kg
- DUTY CYCLE: continuous
- TYPICAL APPLICATIONS: R.O. booster pump and water delivery
- BYPASS: 140 PSI



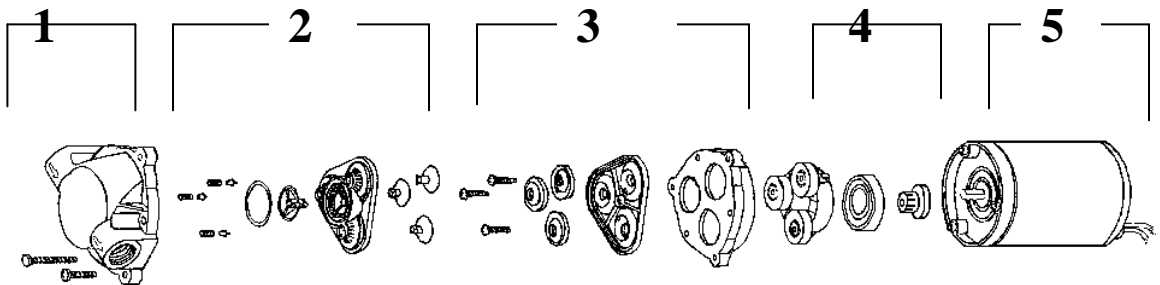
DIAPHRAGM PUMP

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(UNIT : mm)

DIMENSIONS



| | |
|---|---|
| 1 | UPPER HOUSING |
| 2 | BYPASS VALVE AND DISCHARGE VALVE ASSEMBLY |
| 3 | DIAPHRAGM AND PISTON COMPONENTS |
| 4 | DRIVE ASSEMBLY |
| 5 | MOTOR ASSEMBLY (LESS BASE PLATE) |



DISASSEMBLY

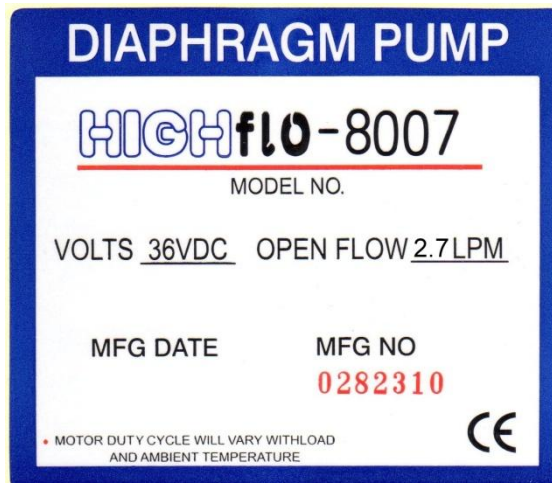
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| INLET : 8 psi | | |
|-------------------|-----------------|----------------|
| PRESSURE (psi) | FLOW (L/min) | CURRENT (A) |
| Open flow | 2.70 | 0.43 |
| 10 | 2.70 | 0.43 |
| 20 | 2.65 | 0.55 |
| 30 | 2.54 | 0.66 |
| 40 | 2.42 | 0.72 |
| 50 | 2.31 | 0.82 |
| 60 | 2.08 | 0.91 |
| 70 | 1.89 | 1.00 |
| 80 | 1.78 | 1.08 |
| 90 | 1.70 | 1.16 |
| 100 | 1.51 | 1.25 |
| 110 | 1.21 | 1.33 |
| 140 | 0 | 1.39 |

- ALL DATA BASED ON TESTING WITH WATER
- **VOLTAGE (VOLTS): 36VDC / 1.8A / ADAPTOR**

NOTE: PERFORMANCE WILL VARY WITH VARIATION IN SERVICE VOLTAGE AND TRANSFORMER OUTPUT





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Certificate No: ED/2006/40087

CERTIFICATE OF EMC COMPLIANCE

SGS-TW Reference No. : ED/2006/40087

Type/Model No : HIGHFLO-8007 , HIGHFLO-8007S.

Product Name : DIAPHRAGM PUMP

Applicant : ALWAYS-JEAK CO., LTD.

Address of Applicant : 3F, NO.22-5, ersheng 2nd siang, Kaohsiung, Taiwan.

SGS approved laboratory: SGS Taiwan

Date of Issue : April 24, 2006

Applicable Standards : EN55014-1:2000+A :2001+A2:2002
EN61000-3-2: 2000/ EN61000-3-3:1995+A1:2001

Conclusion

The apparatus meets the requirements of the above standards and hence fulfills the requirements of EMC Directive 89/336/EEC as amended by Directives 92/31/EEC and 93/68/EEC within CE marking requirement.

Note: This certificate is only valid for the equipment and configuration described, and in conjunction with the test data detailed above.

Authorized Signatory:

SGS TAIWAN LTD.
Jason Lin



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