

# TEST REPORT

|                       |                                            |
|-----------------------|--------------------------------------------|
| <b>Model</b>          | <b>BARI870T-60HZ</b>                       |
| <b>Manufacture by</b> | <b>AQUA</b>                                |
| <b>Test Category</b>  | Hydraulic performance & Compliance Testing |

## DIRECTIONS

**Product:** Centrifugal pump

**Place of Testing:** Aqua Quality Control Center

**Temperature:** 23 °C      RH: 55 %

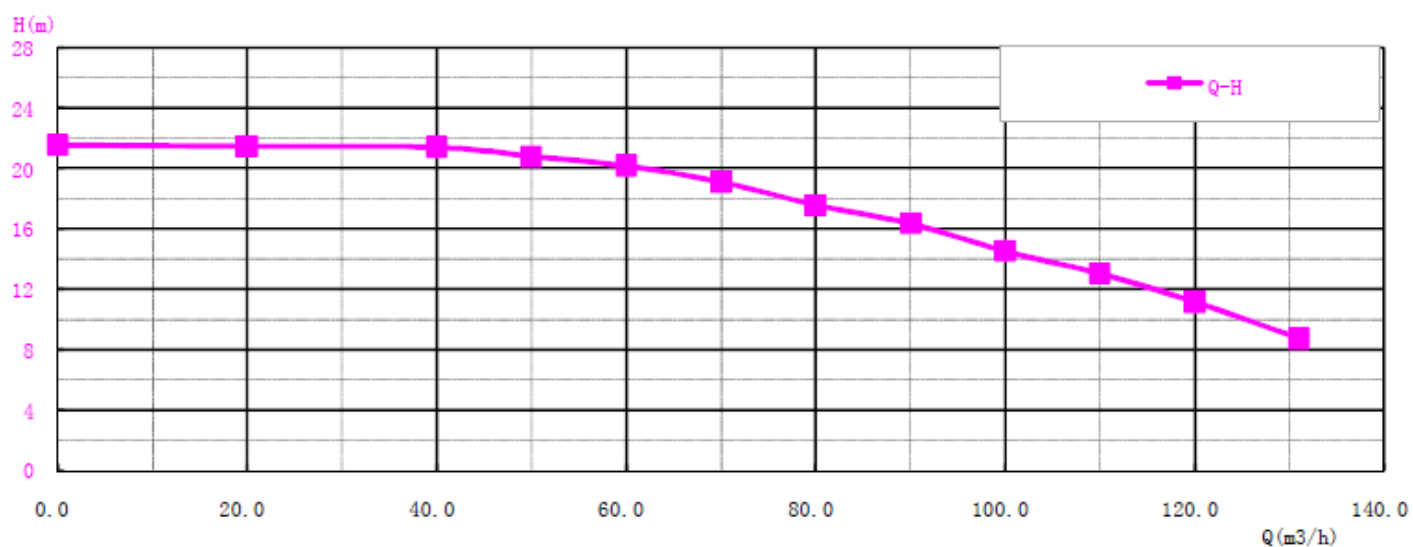
**Power supply:** 400V / 3Ph/60Hz

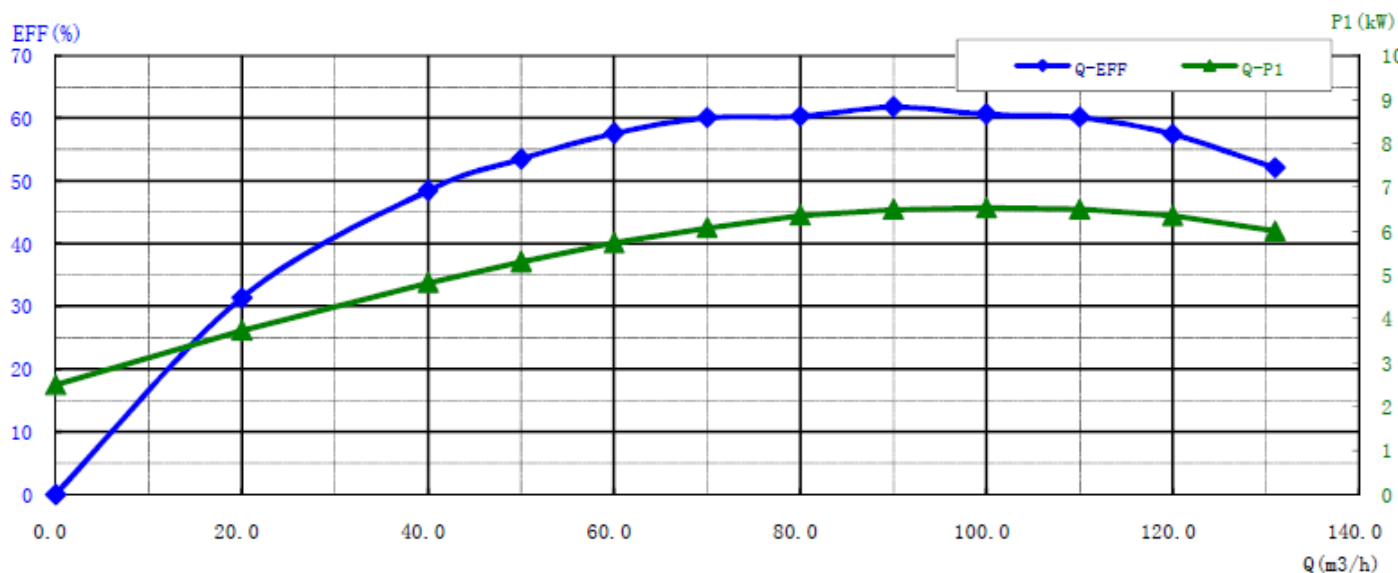
**Date:** Periodic re-testing is carried out annually in January to verify continued compliance

| <b>Name of Equipment</b>                    | <b>Model</b>    | <b>Certificate No.</b> |
|---------------------------------------------|-----------------|------------------------|
| Intelligent flow speed measuring instrument | SFT-B           | 2GB24032080205-0158    |
| Three-phase PWM special tester              | PF9833          | 2GB24032080205-0157    |
| Variable frequency power supply             | HY8321F         | 2GB24032080205-0248    |
| Multi-channel temperature tester            | TC1008          | 2GB24032080205-0198    |
| Precision pressure gauge                    | (-0.1~0.15) MPa | 2GB24032080205-0128    |
| Precision pressure gauge                    | 0~0.6 MPa       | 2GB24032080205-0123    |
| Turbine flow meter                          | LW-50           | 1GA24032080205-0119    |

## TEST RESULTS

| No | Flow m <sup>3</sup> /h | Head m | Amps  | RPM  | P1 kW | EFF % | COSφ |
|----|------------------------|--------|-------|------|-------|-------|------|
| 1  | 0.0                    | 21.55  | 5.72  | 2968 | 2.486 | 0.00  | 0.66 |
| 2  | 20.0                   | 21.45  | 7.23  | 2950 | 3.731 | 31.33 | 0.79 |
| 3  | 40.0                   | 21.40  | 8.70  | 2935 | 4.817 | 48.42 | 0.84 |
| 4  | 50.0                   | 20.79  | 9.38  | 2926 | 5.296 | 53.48 | 0.86 |
| 5  | 60.0                   | 20.18  | 10.01 | 2919 | 5.729 | 57.58 | 0.87 |
| 6  | 70.0                   | 19.10  | 10.58 | 2913 | 6.068 | 60.05 | 0.88 |
| 7  | 80.0                   | 17.57  | 10.96 | 2909 | 6.354 | 60.29 | 0.88 |
| 8  | 90.0                   | 16.35  | 11.14 | 2906 | 6.490 | 61.78 | 0.89 |
| 9  | 100.0                  | 14.51  | 11.21 | 2903 | 6.523 | 60.63 | 0.89 |
| 10 | 110.0                  | 13.04  | 11.11 | 2904 | 6.497 | 60.14 | 0.89 |
| 11 | 120.0                  | 11.15  | 10.92 | 2905 | 6.349 | 57.42 | 0.88 |
| 12 | 0.0                    | 21.55  | 5.72  | 2968 | 2.486 | 0.00  | 0.66 |





## STATEMENTS

1. The results of the testing relate only to the items that tested.
2. The validity of this test report is 12 months.
3. Test report is invalid without the Special Seal of Test Report or that of test unit on it.
4. Test report is invalid without the signature of the chief tester, examiner and approver.
5. Test report is invalid if randomly altered or duplicated.
6. For entrusted tests, this Center is only responsible for the delivered samples.
7. For any claim of the report, refer to the testing unit within 15 days.

Authorized Signature and Company Stamp

**AQUA SpA**  
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