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# 检 验 报 告

## Inspection Report



浙品码

报告编号

NP2024W-070069

Report No.

产品名称

三合一增压稳压泵机组

Name of product

Three-in-one Booster and Stabilized Pressure Pump Set

委托单位

浙江凯程泵阀有限公司

Client

Zhejiang Kaicheng Pump Valve Co., Ltd

检验性质

委托检验

Type of inspection

Entrusting testing

温岭市产品质量检验所

Wenling Institute of Product Quality Inspection



## 温岭市产品质量检验所

Wenling Institute of Product Quality Inspection  
检 验 报 告

## Inspection Report

报告编号 (Report No.) : NP2024W-070069

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|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                              |                        |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------|
| 样品名称<br>Name of sample(s)         | 三合一增压稳压泵机组<br>Three-in-one Booster and<br>Stabilized Pressure Pump Set                                                                                                                                                                                                                                                                                                                                                                                                                                              | 型号规格<br>Type of sample(s)                                                                                    | EDJ400GPM/8BAR         |
| 样品编号<br>Sample(s) No.             | NP2024W-070069                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 生产日期<br>Manufacturing date                                                                                   | /                      |
| 委托单位<br>Client                    | 名称<br>Name<br>浙江凯程泵阀有限公司<br>Zhejiang Kaicheng Pump Valve Co., Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 地址<br>Add.<br>浙江省永嘉县东瓯街道东瓯工业园区<br>Dong'ou Industrial Park, Dong'ou Street, Yongjia County, Zhejiang Province |                        |
| 生产单位<br>Manufacturer              | 浙江凯程泵阀有限公司<br>Zhejiang Kaicheng Pump<br>Valve Co., Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 样品数量<br>Quantity of sample(s)                                                                                | 1 套 (set)              |
| 样品等级<br>Sample(s) grade           | 合格品<br>Qualified products                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 到样日期<br>Date of receipt                                                                                      | 2024-07-30             |
| 检验性质<br>Type of inspection        | 委托检验<br>Entrusting testing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 检验日期<br>Date of inspection                                                                                   | 2024-07-31             |
| 样品状况<br>Condition of<br>sample(s) | 样品状况完好, 适于检验<br>The sample is in good<br>condition and suitable for<br>testing                                                                                                                                                                                                                                                                                                                                                                                                                                      | 检验项目<br>Item(s) of inspection                                                                                | 见报告<br>Refer to report |
| 检验依据<br>Inspection standard(s)    | GB/T 3216-2016、GB/T 26003-2010、GB/T 5656-2008、GB/T 29529-2013、<br>GB/T 29531-2013、GB 10395.8-2006                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                              |                        |
| 检验结论<br>Inspection conclusion     | 依据 GB/T 3216-2016《回转动力泵 水力性能验收试验 1 级、2 级和 3 级》、GB/T 26003-2010《无负压管网增压稳流给水设备》、GB/T 5656-2008《离心泵 技术条件(II类)》、GB/T 29529-2013《泵的噪声测量与评价方法》、GB/T 29531-2013《泵的振动测量与评价方法》、GB 10395.8-2006《农林拖拉机和机械 安全技术要求 第 8 部分 排灌泵和泵机组》，对样品进行检验，检验结果见报告。<br>According to the standard requirements of GB/T 3216-2016、GB/T 26003-2010、GB/T 5656-2008、GB/T 29529-2013、GB/T 29531-2013、GB 10395.8-2006, the samples are tested and the testing results are shown in the report.<br>签发日期: 2024 年 08 月 05 日<br>Sign date: August 5th, 2024 |                                                                                                              |                        |
| 备注<br>Annotation                  | 本报告提供泵机组中卧式离心泵的试验结果。<br>This report provides the test results of horizontal centrifugal pump in the pump set.                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                              |                        |

批准

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柯仙文

Verified by

ke xianwen

编制

赵敏

Composed by

Zhao Min

样品照片  
Photo of the sample



of Pro  
Seal  
nd T  
7081

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| 序号<br>No. | 检验项目<br>Testing Item                                | 标准要求<br>Standard Requirement                                                                                                                                                                               | 检验结论<br>Testing Result | 单项判定<br>Evaluation | 备注<br>Note |
|-----------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|------------|
| 1         | 规定点流量和<br>扬程<br>Guaranteed<br>point flow or<br>head | 规定点流量<br>Guaranteed point flow (m <sup>3</sup> /h) : 90.8                                                                                                                                                  | 101.36                 | 合格<br>Passed       | /          |
|           |                                                     | 规定点扬程<br>Guaranteed point head (m) : 80                                                                                                                                                                    | 82.30                  |                    |            |
|           |                                                     | 曲线应与容差十字线相交或相切。<br>Either flow or head, or both, are found<br>to be within the applicable tolerance.<br>流量容差值<br>Tolerance for flow (m <sup>3</sup> /h) : ±4.16<br>扬程容差值<br>Tolerance for head (m) : ±5.70 | 相交<br>Cross            |                    |            |
| 2         | 功率<br>Power                                         | 规定点电泵输入功率<br>Guaranteed point input power for<br>electric pump (kW)                                                                                                                                        | 31.99                  | /                  | /          |
| 3         | 电泵效率<br>Electric pump<br>efficiency                 | 规定点电泵效率<br>Guaranteed point efficiency for<br>electric pump (%)                                                                                                                                            | 64.86                  | /                  | /          |
| 4         | 噪声<br>Noise                                         | 噪声值应符合 GB/T 29529-2013 中<br>的 C 级要求<br>The noise value shall meet the<br>requirements of Grade C in GB/T<br>29529-2013 (dB (A)) : ≤88.2                                                                    | 83.6                   | 合格<br>Passed       | /          |
| 5         | 振动<br>Vibration                                     | 振动烈度应符合 GB/T 29531-2013 中<br>的 C 级要求。<br>The vibration intensity shall meet the<br>requirements of Grade C in GB/T<br>29531-2013 (mm/s) : ≤4.50                                                            | 1.29                   | 合格<br>Passed       | /          |
| 6         | 轴承温升<br>Bearing<br>temperature<br>rise              | 轴承的工作温度<br>Working temperature of bearings<br>(℃) : ≤80                                                                                                                                                    | 50.1                   | 合格<br>Passed       | /          |
| 7         | 标牌<br>Signage                                       | 标牌应符合 GB/T 13306 中的要求,<br>并固定在适当部位。<br>The signage shall meet the<br>requirements in GB/T 13306, and be<br>fixed in the appropriate position.                                                              | 符合<br>Passed           | 合格<br>Passed       | /          |

| 序号<br>No. | 检验项目<br>Testing Item       | 标准要求<br>Standard Requirement                                                                                                                                                                                                      | 检验结论<br>Testing Result | 单项判定<br>Evaluation | 备注<br>Note |
|-----------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|------------|
| 8         | 机械安全<br>Mechanical safety  | 机械安全应符合 GB10395.8 的规定。<br>The mechanical safety shall meet the requirements in GB 10395.8.                                                                                                                                        | 符合<br>Passed           | 合格<br>Passed       | /          |
| 9         | 运转试验<br>Operation test     | 应在额定转速及工作范围内上况点进行运转试验, 持续时间不得少于 30min。<br>The operation test should be conducted at the rated speed and operating ranges with duration of no less than 30 min.                                                                    | 符合<br>Passed           | 合格<br>Passed       | /          |
| 10        | 水压试验<br>Hydrostatic test   | 承压件进行 1.5 倍基本设计压力的水压试验, 保压 10min 无可见的泄漏。<br>The test pressure is 1.5 times of design pressure, pressure-holding operation for 10 minutes without any leakage.                                                                     | 符合<br>Passed           | 合格<br>Passed       | /          |
| 11        | 轴封<br>Shaft seal           | 轴封的型式和配置、材料、结构应符合 GB/T5656-2008 规定的要求。<br>Type, material and structure of shaft seal shall meet the requirements in GB/T 5656-2008.                                                                                               | 符合<br>Passed           | 合格<br>Passed       | /          |
| 12        | 外观质量<br>Appearance quality | 泵应有可靠的防腐措施, 表面应无缺陷、碰伤、裂痕等缺陷; 装配后的泵应转动灵活、无卡阻现象。<br>Pump should have reliable anti-corrosion measure; surface should be free of defects, bruises, cracks or other defects. Pump should rotate flexibly of any jam after assembling. | 符合<br>Passed           | 合格<br>Passed       | /          |
| 13        | 安全措施<br>Security measure   | 机组应有可靠的接地装置及接地标志, 配套电动机和泵之间有可靠的防水措施。<br>Pump set should have reliable grounding devices and grounding mark, and there should be reliable waterproof measures between the matching motor and pump.                                 | 符合<br>Passed           | 合格<br>Passed       | /          |

以下空白(END)



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