



Test Report

检验报告

N CPP

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|------|---|
| 编 号 | GQDW20140080 |
| 产品名称 | Speed Adjusting Pneumatic Tube Fittings |
| 委托单位 | Zhejiang Ideal-beel Technology Co., LTD |
| 检验类别 | Entrusted Test |



国家气动产品质量监督检验中心

National Quality Supervision and Inspection Center of Pneumatic Products

说明

- 1、 本报告无主检、审核人、批准人签字无效，涂改或复印后未加盖本中心红色检验专用章无效。
- 2、 对各类监督检验结果有异议的应向计划实施部门提出书面异议申请；对委托检验结果有异议的向本中心提出。
- 3、 委托检验报告仅对所检样品负责。
- 4、 本报告各页均为报告不可分割之部分，使用者单独抽出某页而导致误解或用于其它用途及由此造成的后果，本中心不承担相应的法律责任。
- 5、 请客户在领到检验报告后三个月内及时领取检验样品，逾期本中心将对检验样品自行处理。

国家气动产品质量监督检验中心

国家气动产品质量监督检验中心（简称“国家气动产品质检中心”）是国家质量监督检验检疫总局批准成立的目前唯一一家气动产品国家级检测实验室。依照国际ISO/IEC 17025，本中心建立了自己的质量管理体系并通过了中国实验室国家认可委认可（CNAS）、国家认监委的计量认证（CMA）和审查认可（CAL），是气动产品的国家级检测部门，是法定的第三方产品质量检测机构。

本中心占地约7亩，建筑面积3000多平方米，总投资约2300多万元。中心拥有一批较高层次的工程师队伍，本科以上学历技术人员占96%，具有硕士研究生以上学历人员7名，其中博士1名。中心拥有一批国际先进气动检测设备，产品检验范围涵盖我国气动产品的全部门类。主要从事气动元件、气动工具和气动系统等多种产品的检验，包括承担各种监督检验、委托检验、新产品质量鉴定、其他认证检验、验货检验、产品质量争议的仲裁检验、技术分析、技术咨询等。

本中心坚持“廉明公正、科学认真、勤奋务实、开拓进取”的质量方针，凭借先进的实验室设备、专业的技术人才以及完善的质量管理与控制体系，为客户提供独立、公正的产品检验与各项专业化服务。本中心保证检测的公正性和真实性，严格为客户保守技术秘密，我们确保客户的所有商业信息，技术文档和检验数据等不被第三者利用，不会将其用于本中心的技术、科研开发工作。

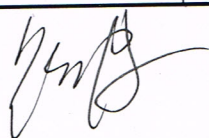
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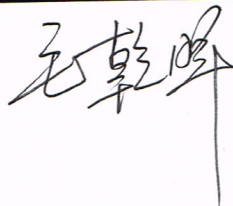
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| Sample(s) | Speed Adjusting Pneumatic Tube Fittings | Test Category | Entrusted Test |
|---------------------|---|-------------------------------------|----------------|
| Model | JSC 6 -02 | Trademarks | IDEALER |
| Date of Manufacture | 2014-5-3 | Grade | Qualified |
| Name of Client | Zhejiang Ideal-beel Technology Co., LTD | Contract No. | 20140080 |
| Address of Client | No.56 South HuanCheng Road, PanAn Industrial Park, Zhejiang, China | Number of Samples | 3 |
| Manufacturer | Zhejiang Ideal-beel Technology Co., LTD | The Date of Receiving Samples | 2014-05-08 |
| Test Requirements | JB/T 7057-2008 Rules Relating of Speed Adjusting Pneumatic Fluid Power Tube Fittings | | |
| Test Item(s) | Tested throttling characteristics item, one item in total, test results showing details | | |
| Test Summary | <p>The samples are tested according to JB/T 7057-2008 standard and requirements of the client. We had provided measured values on test results of the tested item.</p> <p style="text-align: right;">Date of Approval: 2014-05-19</p> | | |
| Remarks | The conclusion of this report were only draw from the tested item according to the test requirements, and didn't mean that untested items or functions meet requirements. | | |

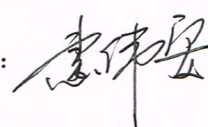
Approved by:



Verified by:



Test by:



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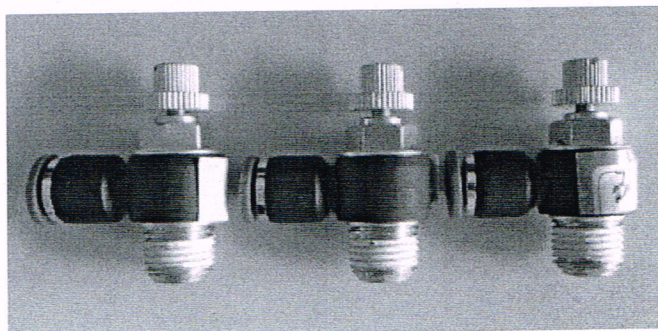
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Description of Samples and Test Explanation

1. Description of The Samples

Samples without packaging,
appearance in good condition,
Screw Size: G 1/4",
Pipe Diameter: $\Phi 6$.



2. Test Date

2014-05-09

3. Test Location

No.1178 DaCheng East Road, FengHua City, Zhejiang Province

4. Test Explanation

We only have tested the throttling characteristics item in total according to requirements of the client.

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| Series Number | Test Items | Requirements | Code of Samples | Test Results | Item Conclusion |
|---------------|----------------------------|--|-----------------|-----------------------------|--------------------------|
| 1 | Throttling Characteristics | Closed the adjusting lever fully, make the inlet pressure sustained on 500kPa, open the regulator valve gradually, then measure and record the value of flow rate until opening up fully. We make the number of circles as abscissa and the measured flow rate(dm ³ /min) as ordinate, then plot the a smooth curve without mutations | YJW140080-01 | Detailed in page 4 figure 1 | Provided measured values |
| | | | YJW140080-02 | | |
| | | | YJW140080-03 | | |

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Figure 1. Throttling characteristic curve

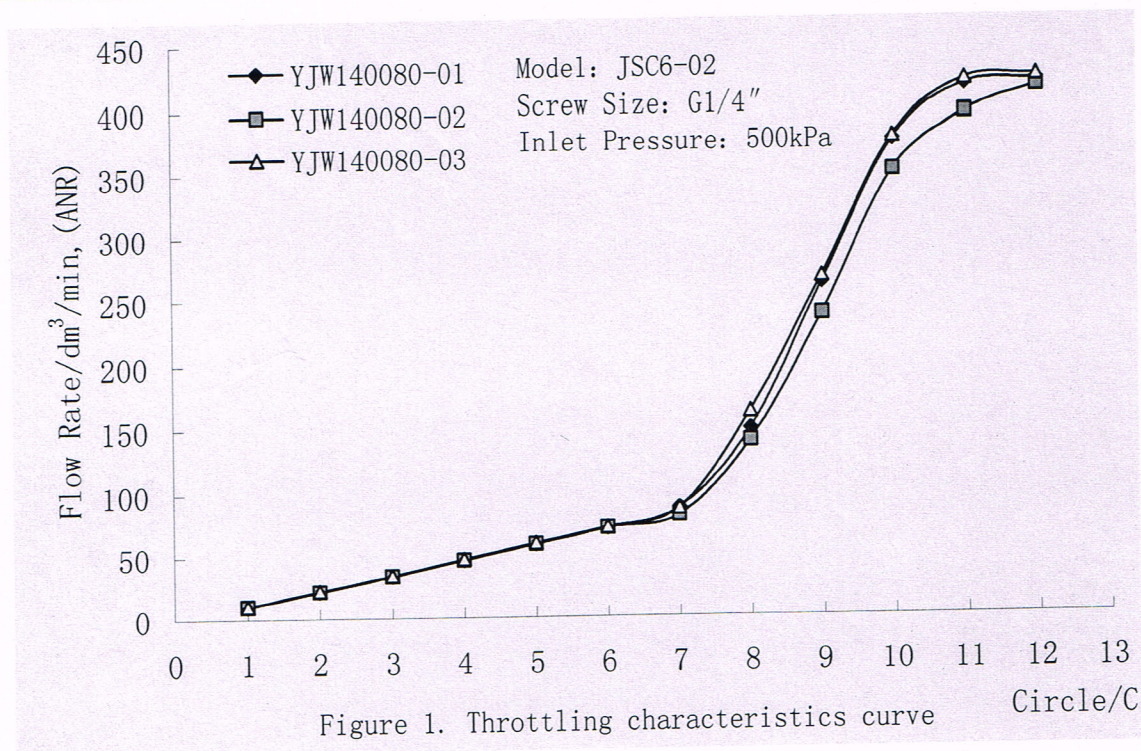


Figure 1. Throttling characteristics curve

| | | | | | | | | |
|-----------------------------|------------------|----------------------------------|-------|-------|-------|-------|-------|-------|
| inlet pressure 500kPa | YJW14008 0-01 | Circles/C | 1 | 2 | 3 | 4 | 5 | 6 |
| | | Flow Rate/(dm ³ /min) | 10.06 | 21.70 | 33.57 | 46.14 | 58.58 | 71.05 |
| | | Circles/C | 7 | 8 | 9 | 10 | 11 | Max. |
| | | Flow Rate/(dm ³ /min) | 86.58 | 147.9 | 260.7 | 374.2 | 415.3 | 418.2 |
| | YJW14008 0-02 | Circles/C | 1 | 2 | 3 | 4 | 5 | 6 |
| | | Flow Rate/(dm ³ /min) | 10.33 | 21.85 | 33.82 | 46.23 | 58.80 | 71.17 |
| | | Circles/C | 7 | 8 | 9 | 10 | 11 | Max. |
| | | Flow Rate/(dm ³ /min) | 80.85 | 138.9 | 236.4 | 350.2 | 394.3 | 413.6 |
| | YJW14008 0-03 | Circles/C | 1 | 2 | 3 | 4 | 5 | 6 |
| | | Flow Rate/(dm ³ /min) | 10.34 | 22.34 | 34.15 | 46.99 | 59.60 | 71.90 |
| | | Circles/C | 7 | 8 | 9 | 10 | 11 | Max. |
| | | Flow Rate/(dm ³ /min) | 86.28 | 161.3 | 266.0 | 376.6 | 419.5 | 421.9 |

Remarks: The above were not the whole project or full performance testing.

Report Finalized

Explain

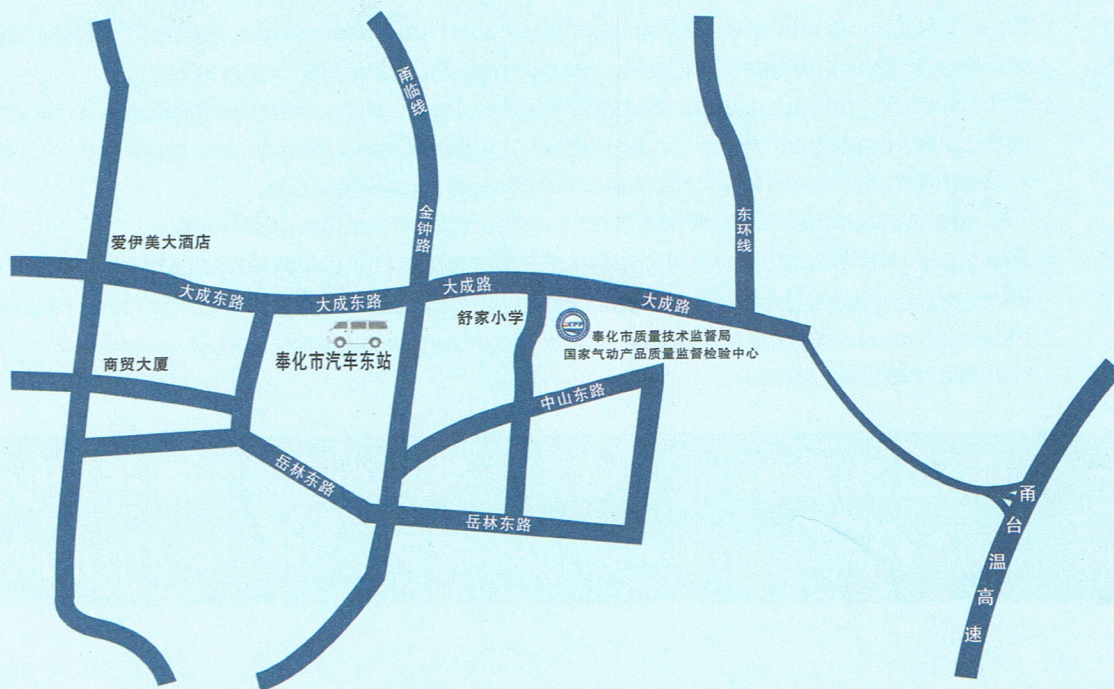
1. Report will be invalid without the signature of chief inspector, verifier and ratifier. The alteration and copy will be valid stamped by the red examined stamp of our center again.
2. If there are any problems about the report results, please propose the application in written forms to the plans implement sector for the respect of supervision inspection; and propose the claims in written forms to our center for the respect of consignment inspection.
3. The consignment inspection report is only applicable for samples examined.
4. Every page shall constitute an integral part of this report. Our center does not bear corresponding legal liability to misunderstandings or results occurred by partial use of the report.
5. Please customers receive test reports within three months to get test samples, out of date the center will dispose of test samples.

Brief Introduction of National Quality Supervision and Inspection Center of Pneumatic Products

National quality supervision and inspection center of pneumatic products (NCPPI) is established with approval of General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China. It is the only national inspection institution for pneumatic products. According to ISO/IEC 17025 NCPPI has developed quality management system, and passed the certification of China National Accreditation Service for Conformity Assessment (CNAS) and metrological certification (CMA) and audit approval (CAL) of Certification and Accreditation Administration of the People's Republic of China. NCPPI is a national examination department of pneumatic products, and a statutory third-party products quality inspection institution.

The center covers an area of about 7 acres and a building area of 3,000 square meters, with a total investment of more than 23,000,000 yuan. There is a number of high-level team of engineers, among which above 96 percent are technicians with bachelor degree. 7 persons have master degree above, of which 1 doctor in our center. NCPPI has a number of pneumatic testing equipment which approach advanced international standards, and test range covers all categories of pneumatic products in China. NCPPI is mainly engaged in many pneumatic products quality inspection such as pneumatic components, pneumatic tools, pneumatic systems and so on. Our center also undertakes all kinds of supervision tasks, entrusted inspection, identification of new product quality, and other certification tests, dispute arbitration inspection of product quality, technical analysis, technical consultation, etc.

Based on the quality policy of "Probity and Justness, Science and Serious, Diligence and Honesty, Exploration and Improvement", we will offer independent, impartial product testing and various professional services with advanced laboratory equipment, professional technical personnel and improve the quality management and control system. Our center makes sure of justness of testing and keeping technical secret for the clients. And we ensure all commercial information, technical files and testing data of the clients will not be utilized by the third party, and will not be used for the technical exploration of our center.



国家气动产品质量监督检验中心

National Quality Supervision and Inspection Center of Pneumatic Products

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