

DONGGUAN CITY ZHILI GAS SPRING CO, LTD  
 HONGLING INDUSTRIAL ZONE, SHENXIANG VILLAGE, QISHI TOWN,  
 DONGGUAN CITY, GUANGDONG PROVINCE, R.P. OF CHINA

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : GAS SPRING  
 Sample Receiving Date : May 14, 2020  
 Test Performing Date : May 14, 2020 to May 26, 2020

**Test Result Summary**

Test(s) Requested	Result(s)
Pressure test	The first cycle: 125.73 N; The 50 000th cycle: 108.81 N.
Durability test	PASS

**Summary:**

1. For further details, please refer to the following page(s).

Signed for and on behalf of  
 Shunde Branch  
 SGS-CSTC Co., Ltd.

Bill Wang  
 Approved signatory

scan to see the report



SDHL2005006399FT



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SGS-CSTC Shunde Branch Technical Services Co., Ltd.  
 Shunde Branch Harimies

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**TESTS AND RESULTS**

**Test Conducted:**

Pressure test and durability test for gas spring as per client's requirements.

**General Test Condition:**

The following test program was conducted in a laboratory environment maintained at 15°C to 25°C and 50%±5 RH. The sample was individually tested after conditioning in the test environment for at least 24 hours prior to conducting the test.

The complete detailed procedures may be found in the referenced specification and are only summarized herein. Unless otherwise specified, the tests are carried out in the following order on the same sample.

**No. of Sample:**

1 piece (Sample #1). For more sample information and pictures, please refer to the following page.

Test Description and Requirements	Test Results
<p><b>Pressure test</b> Fixed the gas spring on the test platform. Compress the gas spring from A position to B position at the rate of 100 kg per minute, and then release it. Record the maximum pressure of the first cycle and the 50000<sup>th</sup> cycle.</p>	<p>The first cycle: 125.73 N; The 50 000th cycle: 108.81 N.</p>
<p><b>Durability test</b> Fixed the gas spring on the test platform. Fully compress the gas spring and then release, this process constitutes one cycle. Operate the gas spring for a total number of 50,000 cycles at a rate of 10 cycles per minute. After test, no oil leak shall be found.</p>	<p>PASS</p>

**Remark:**

1. For the sample information and pictures, please refer to the following page.



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**SAMPLE INFORMATION AND PICTURES**

Weight: 271.60 g

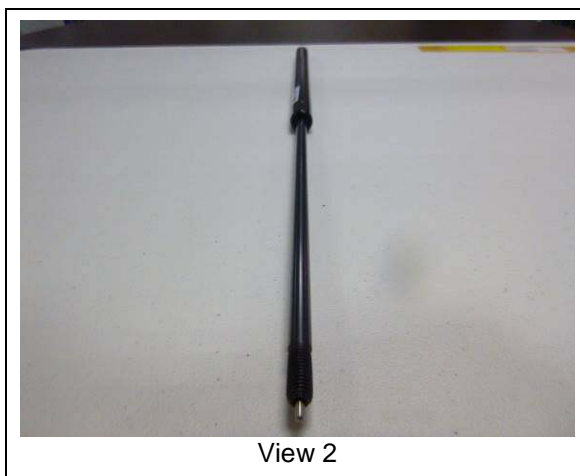
Overall Dimensions : 600 mm L x Φ18.14 mm D x Φ7.98 mm D

Other Dimensions: /

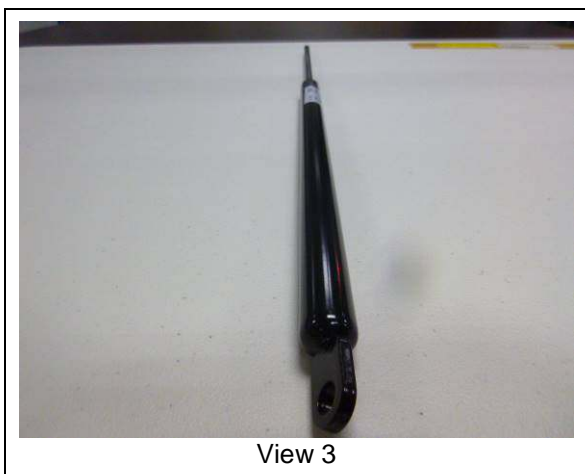
**Sample as Received**



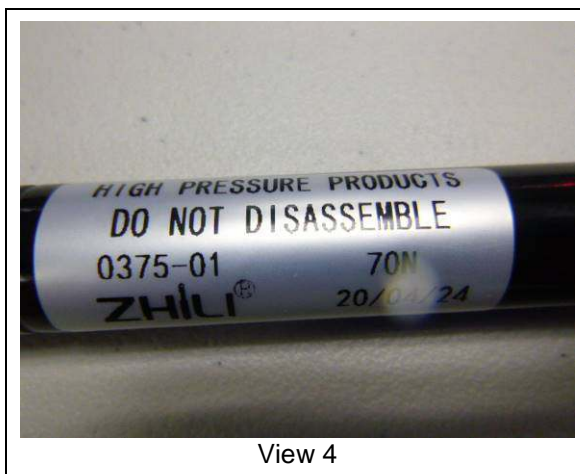
View 1



View 2



View 3



View 4

\*\*\*End of Report\*\*\*

