

TIEYING GAS SPRING TECHNOLOGY CO.,LTD.
 2ND PLANT,SELF-COMPILED NO.2,QIAOXING GUANGZHUO ROAD,DONGCHONG TOWN,
 NANSHA DISTRICT,GAUNGZHOU,GUANGDONG,CHINA POSTCODE:511475

Sample Description : GAS SPRING
 Manufacturer : TIEYING GAS SPRING TECHNOLOGY CO.,LTD.

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Apr 08, 2021
 Test Performing Date : Apr 13, 2021 to May 20, 2021
 Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Gas spring durability test	PASS	/
For further details, please refer to the following page(s)			

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



Bill Wang
 Authorized Signatory

scan to see the report



SDHL2104005715FT



SGS-CSTC Standards Technical Services Co., Ltd.
 Shunde Branch Harbin

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TESTS AND RESULTS

Test Conducted:

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

Test Description and Requirements	Test Results
<p>Durability test for gas spring</p> <ol style="list-style-type: none"> Mount the gas spring to be tested to the testing machine and keep the piston downward; Compress the piston to the position 5 mm from the fully compressed and then release it, this process constitutes one cycle; Operate the gas spring for a total number of 200 000 cycles at a rate of 8~10 cycles per minute; After test, no loss of serviceability and oil leak shall be found. 	<p>PASS</p>

Remark:

- The cyclic number of 200000 cycles and speed of 8~10 cycles/min were specified by client;
- For the sample information and pictures, please refer to the following page.



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SAMPLE INFORMATION AND PICTURES

Weight: 92.69 g/piece

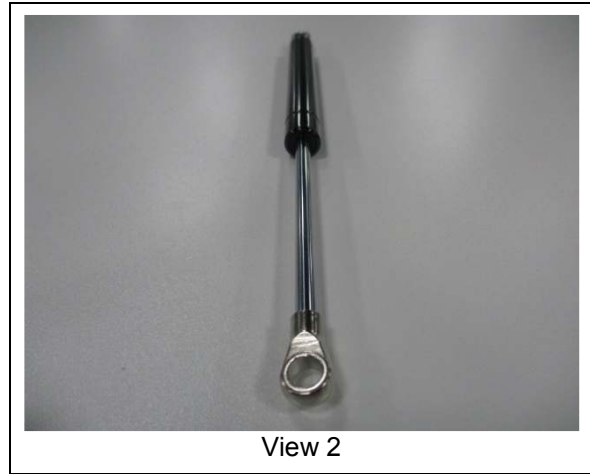
Overall Dimensions: 259 mm L x Φ 5.98 mm x Φ 15.07 mm

Other Dimensions: /

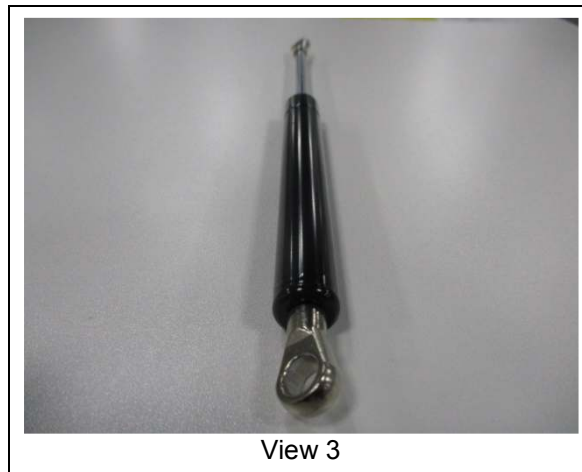
Sample as Received



View 1



View 2



View 3

End of Report

