



Test Report

No.SDHL2305007944FT

Date: May 15, 2023

Page 1 of 5

MONSOON IMPORT EXPORT(GUANGZHOU) LIMITED
ROOM 401-501,NO.15 MENGCHONG STREET,DASHI STREET,
PANYU DISTRICT, GUANGZHOU CITY, CHINA

Sample Description : GAS SPRING

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 24, 2023

Test Performing Date : Apr 24, 2023 to May 10, 2023

Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Effects of temperature change test	See test result	/
	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

Marco Leung

Marco Leung
Authorized Signatory

scan to see the report



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TESTS AND RESULTS
Test Conducted:

Effects of temperature change test and Gas spring durability test according to applicant's requirement.

No. of Sample:

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

Test and Requirements	Test Results
Effects of temperature change test Put the gas spring in 65°C for 48 hours; and then put the gas spring in -40°C for 24 hours. After test, evaluate the appearance of gas spring.	No visual change in appearance.
Gas spring durability test 1. Mount the gas spring to be tested to the testing machine and keep the piston downward; 2. Compress the piston to the position 10 mm from the fully compressed and then release it, this process constitutes one cycle; 3. Operate the gas spring for a total number of 80,000 cycles at a rate of 15 cycles per minute; 4. After test, no loss of serviceability and oil leakage shall be found.	PASS

Remark:

- The cyclic number of 80,000 cycles and speed of 15 cycles/min were specified by applicant;
- This test report is issued based on the modification of the original No. SDHL2304006812FT test report issued on May 10, 2023. And the original report is still valid. According to applicant's requirements, following changes are included:
 - Change of applicant's name.
 - Change of applicant's address.
- For the sample information and pictures, please refer to the following page.



SAMPLE INFORMATION AND PICTURES

Weight: 71.9 g/piece

Overall Dimensions: $\Phi 6.00$ mm x $\Phi 14.83$ mm x 270 mm L

Other Dimensions: /

Sample as Received



View 1



View 2



View 3



View 4



View 5

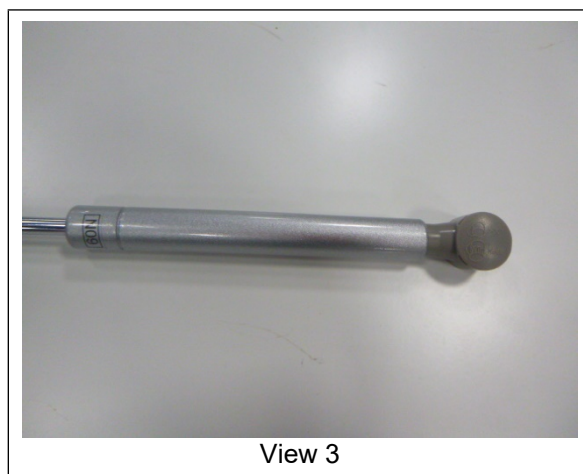
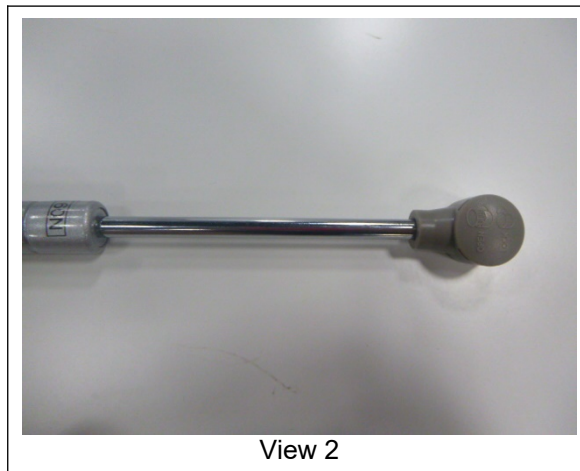
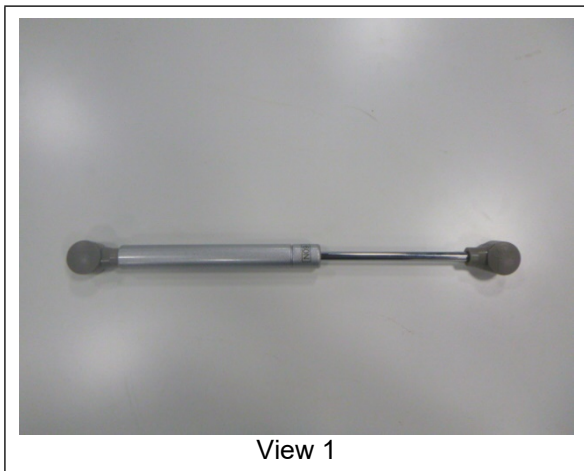


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Pictures After Effects of Temperature Change Test



Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

End of Report