

TEST REPORT

Hardline Laboratory

Report No. : TH90035/2020

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Date : OCT. 16, 2020

FOSS WORLDWIDE INC.

No. 503, Sec. 3, Taiyuan Rd., Beitun Dist., Taichung City, Taiwan

The following merchandise was submitted and identified by the applicant as:

Product Description: FOSS 零阻力花鼓 /FOSS Zero Drag Silent Hub

Sample Quantity: 1 pc of hub

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Requested: HUB Fatigue Test

Test Method:

- a. Install the hub to the machine and use derailleur to simulate the tension of chain.
- b. Reversing the free-wheel for 370 degree and apply forward force to increase the torque to 130 Nm and maintained for 1-2 seconds.
- c. Repeat the same conditioning until the sample breaks or reached 40,000 cycles.

Test Result:

Test clause	Test Condition	Test Result
SGS in house test	1. The torque which measured at hub: 130 Nm 2. Backward Rotation per cycle: 370° 3. Reversed speed: 100 RPM 4. Test cycle: 40,000 cycles	The function of hub could work normally after 40,000 cycles.

Note: 1. Information of Sample = Mass (241 g).

2. Skip: 50 times.

Date of Receipt: SEP. 08, 2020

Testing Period: SEP. 16, 2020 ~ OCT. 15, 2020

*The content of this report is invalid if it is not presented as the entire report.

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**Signed for and on behalf of
SGS Taiwan Ltd.**



Luke Lee
Supervisor



Testing Site: No. 9, 14th Rd., Taichung Ind. Park, Taichung City 40755, Taiwan

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– Picture(s) –



Photo "A" Appearance of sample

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