



CHC

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Test Report



Contract No : 23051002B-R1
Issue Date : May 22, 2023
Applicant : KING RITZ ENTERPRISE CO., LTD.
Address : 11-11, Sihyue Rd, Houli Dist, Taichung
City 421017, Taiwan R.O.C.
Product : Differential
Model No : YST-899-1-1
Test Standard : As shown in the test report
Test Results : As shown in the test report

- Note:
- (1) The test sample(s) is provided by the applicant and the CHC test samples result(s) are shown below.
 - (2) This test report refers only to the test result(s) of the sample(s) tested, and the measurement uncertainty will not be considered. The above content follows regulations from corresponding authorities.
 - (3) There is a total of 4 pages in this report which shall not be abstracted and partially copied.
 - (4) There is only one test report for the applicant.
 - (5) This report replaces contract No. 23051002B.

Approved by : Ren-Heng Lin Tested by : Chih-Yu Chang





Contract No. : 23051002B-R1

Sample Received Date : 2023.05.10 Testing Dates : 2023.05.15 Environmental Conditions : 24°C, 58%RH

1. Test samples :

The sample is shown in Fig. 1. Specification of the sample is shown in Tab. 1.



Fig. 1 Test sample

Tab. 1 Specification of the sample

Sample	Specification		Comments
Differential (Model No : YST-899-1-1)	Material	Metal	---
	Weight	3760 g	

2. Test item : As shown in Tab. 2.

Tab. 2 Test item summary

No.	Test item	Requirement:	Test method:
1	Static strength test	Customized	

3. Test equipment : As shown in Tab. 3.

Tab. 3 Test equipment

Equipment	Serial number	Comments
Material test machine	AE-02	---





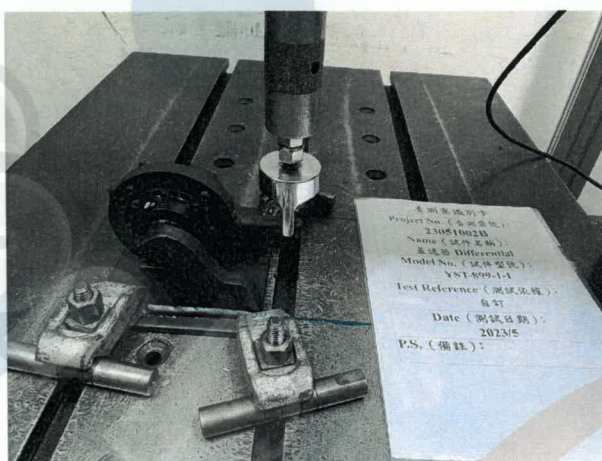
Contract No. : 23051002B-R1

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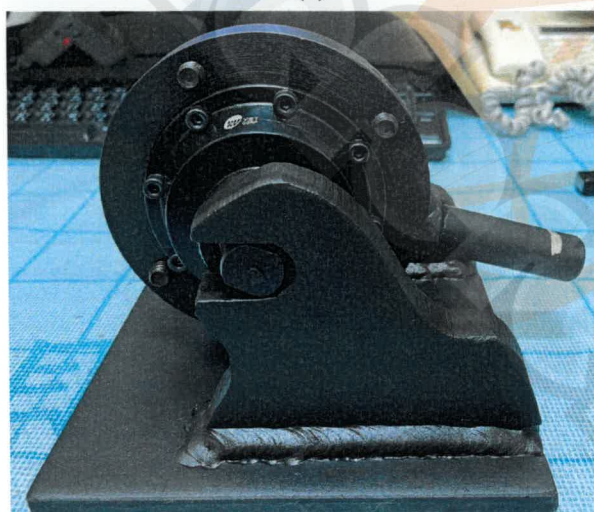
4. Test result : As shown in Tab. 4.

Tab. 4 Test result

No.	Test item	Requirement	Condition	Results
1	Static strength test	There shall be no fractures, visible cracks	Load : 7,500 N Lever arm : 0.1 m Duration : 1 min	The maximum torque is 723.7 Nm, and the sample axle is deformed. (Fig. 2)



2(a)



2(b)

Fig. 2 Static strength test



5. Revision history: As shown in Tab. 5.

Tab. 5 Revision history

Contract No.	Page No.	Original Content	Revised Content
23051002B -R ₁	P . 1	Contract No: 23051002B	Contract No: 23051002B-R ₁
		Issue Date: May 15, 2023	Issue Date: May 22, 2023
		None	Note (5) This report replaces contract No. 23051002B.
	P . 3	Load : 750 Nm The maximum force is 7,237 N, and the sample axle is deformed.	Load : 7,500 N The maximum torque is 723.7 Nm, and the sample axle is deformed.

End of this report.

