



中国认可
国际互认
检测
TESTING
CNAS L4840

Test Report

Sample Name:

Gearbox

Client:

Zhejiang Chengda Valve Drive Co., Ltd

Manufacturer:

Zhejiang Chengda Valve Drive Co., Ltd

Test Type:

Entrusted Inspection

Wuxi RELLAB Testing Services Co., Ltd.



Test Report

Client/Add: Zhejiang Chengda Valve Drive Co.,Ltd
122 Dongyang Road, Oubei Heyi Industrial Zone, Yongjia County, Wenzhou City,
Zhejiang Province

Receipt Date: Dec. 29,2023

Test Periods: Jan. 03,2024~Jan. 05,2024

The following sample information were submitted by client:

Sample Name: Gearbox

Sample Quantity: 1 pc

Type/Model: QWS03

Other Sample Information: /

Manufacturer/Add: Zhejiang Chengda Valve Drive Co.,Ltd
122 Dongyang Road, Oubei Heyi Industrial Zone, Yongjia County, Wenzhou City,
Zhejiang Province

Conclusion:

Test Sample	Test Item	Judge
Gearbox	Dust proof test (IP6X)	P
	Waterproof test (IPX8)	P

Conformity judge: P-Pass F-Fail N/A-Not Applicable


(Seal)
Signed Date: Jan. 15,2024

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Test Report

I Test Item:Dust proof test (IP6X)、 Waterproof test (IPX8)

1 Test Ambient:

Temperature:(23~25)°C Relative humidity: (49~54) %RH Air Pressure:101kPa

Detection of address:Add 2

2 Test Instruments:

Table 1 Test Instruments

No.	Name	Equipment No.	Period of measurement
1	Sand and dust test chamber	WXR002	Mar. 01,2024
2	Pressure immersion test device	WXR157	Mar. 01,2024

3 Test Process:

Test Method:GB/T 4208-2017 13.4,14.2.8

Table 2 Test Conditions

Test Items	Test Conditions	
Dust proof test (IP6X)	The test should be carried out in a dustproof box. The talc powder should be filtered through metal square holes. The wire diameter is 50μm and the screen size is 75μm. The amount of talc powder is 2kg according to the volume of each cubic meter test box, and the number of uses does not exceed 20 times. During the test, the tested shell should be put into the test box according to the normal working position and connected with the vacuum pump, and the pressure should not exceed 2kPa (20 mbar). Under normal circumstances, the hole is still open during the test, and the test lasts for 2h.	
Waterproof test (IPX8)	Depth of immersion	1.2m
	Test time	1h

4 Test Result:

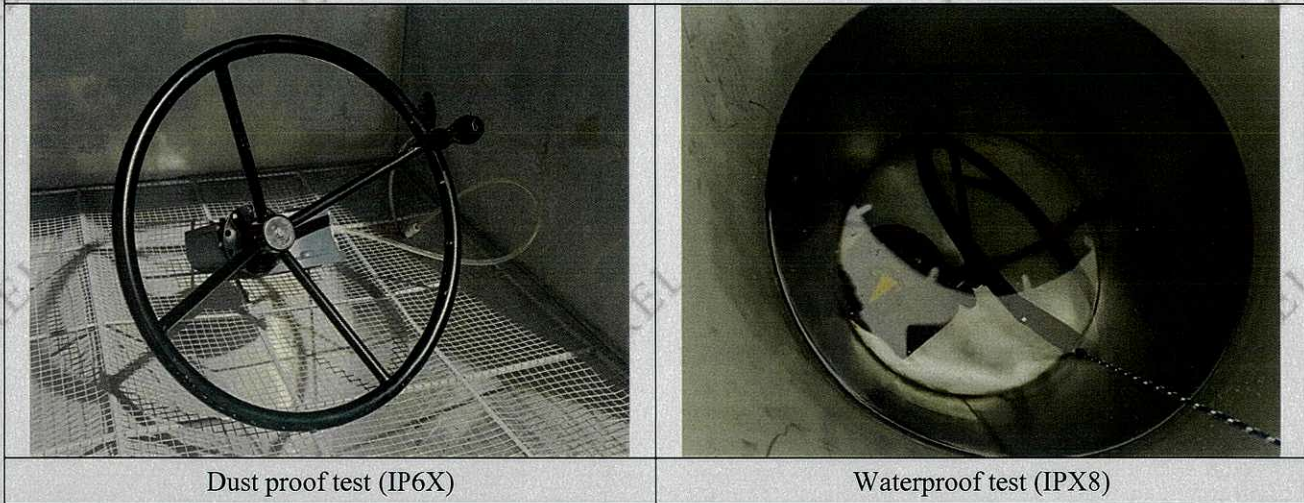
Judgement basis:GB/T 4208-2017 6,13.6.2

Table 3 Test Results

Test Items	Sample number	Technical requirements	Test Results	Judge
Dust proof test (IP6X)	23122902301	There was no significant dust deposition in the shell after the test	After the test, the sample did not enter the dust phenomenon.	Pass
Waterproof test (IPX8)		After continuous diving, the water intake of the outer shell will not reach harmful effects	After the test, the sample has no water inlet phenomenon.	Pass



Fig.1. The representative appearance photo of the sample before the test



Dust proof test (IP6X)

Waterproof test (IPX8)

Fig.2. The representative appearance photos of the sample during the test



Dust proof test (IP6X)

Waterproof test (IPX8)

Fig.3. The representative appearance photos of the sample after the test

---The End---

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