

TEST REPORT

Item No.	Shower Hinge up/down	Sample Quantities	2 Sets
The Material of Plastic Parts	Nylon	Color	Light Grey
Testing Purpose	To test the function of the raise up-down shower hinge		
Date of Testing	Nov., 19, 2013	Tester	Mr. Tan
Program		Note	
The Dimension of the Hinge		The convex platform: $\varnothing 16 * 16.9$; The V Shape parts: $\varnothing 16 * 17.2$	
Frequency of the Motor Opening-and-Closing		900H/R	
The Automatic Return Angle of the Hinge		+3Deg ~ -60Deg	
Size of the Glass Door		1900mm*400mm*6mm	
Weight of the Glass Door		35KG	
For the Thickness of the Glass Door		6MM	
The Initial Noise		Sound Off	
The Original Place of the Glass Door (Distance/Angle)		0 Deg	

The Testing Record :

Total

Program /Top time	1	2	3
Testing the Times of Opening-and-Closing	18000	31950	53550
Starting and Ending Time	From 15:00 PM, Nov.,19, 2013, To 11:00 AM, Nov.,20, 2013,	From 11:30 AM, Nov.,20, 2013, To 15:00 PM, Nov.,21, 2013	From 08:30 AM, Nov.,22, 2013, To 08:30 AM, Nov.,23, 2013

Analysis the Test Report	<p>Observation : A little of the plastic parts abraded into powder and dropped. No significant change in the plastic diameter. Height difference was about -0.35mm. The slope of the V shape parts were out of shape. The edge slanted into the camber surface and smoothly, with the height difference was -0.1mm. The returning function was stable and normal.</p>	<p>Observation : The convex platform can be seen wear and there are a litter power surrounding the hinges. The height difference was -0.3mm. The returning function was stable and normal.</p>	<p>Observation : The convex platform can be seen obvious wear and the angle R 1.5 had been turned into ground plane. The returning function was normal..</p>
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Testing Conclusion:

1. The testing Times of Opening-and-Closing were 53550 times in total.
2. The plastic parts were obvious wear within the 20000 times to 31950 times. The convex platform and the V sharp parts were out of sharp in the test.
3. The returning function was stable and normal. **The test can meet the qualification**