

Product function/life time test report

Product name	M6-Glass door hinge	Testing standard	GB2828.1-2003、 EN1154							
Sampling qty	1 set (hydraulic+spring)	Testing method	Install in the door and test to check the closing speed, valve adjustment and sealing property							
Start time	2016-5-18	End time	2016-5-28							
Actual testing										
No.	Inspection items	Inspection standard	Running times							Single item judgement
			5000	10000	15000	20000	30000	40000	50000	
1	Speed adjustment of valves	Close the two valves, door closing speed > 25s	40s	39s	41s	42s	44s	46s	47s	√
		Totally open 1#valve; Close 2#valve, door closing speed > 15s	25s	23s	22s	24s	25s	27s	28s	√
2	Door closing	Check door swing. Door swinging allow ±2°	√	√	√	√	√	√	√	√
3	Door close reset	Check the close reset, stop in 0° angle.	√	√	√	√	√	√	√	√
4	90°~25°/30°	The adjust valve can adjust speed obviously and smoothly.	√	√	√	√	√	√	√	√
5	25°/30°~0°	The adjust valve can adjust speed obviously and smoothly.	√	√	√	√	√	√	√	√
6	0-5° open force	7-10N.m	7.5	7.5	7.5	7.6	7.7	8	8.2	√
7	0-5° close force	≥3N.m	3.8	3.8	3.8	3.7	3.6	3.4	3.2	√
8	Abnormal sound, block	No abnormal sound and block in internal parts.	√	√	√	√	√	√	√	√
9	Sealing property	No oil leakage	√	√	√	√	√	√	√	√
10	Remark									
Inspector :			Quality Supervisor :				Verify:			