

SISO A/S
Mileparken 11, 2740 Skovlunde. Denmark

Sample Description : Drawer Slide HD5300, Full Extension, Zinc Plated, Heavy Duty
Item No. : 16.13.580 etc.

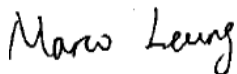
As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

Sample Receiving Date : Mar 24, 2025
Test Performing Date : Mar 24, 2025 to Apr 10, 2025
Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	Section 6.3 of EN 15338:2007+A1:2010	PASS	/
For further details, please refer to the following page(s)			

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch



Marco Leung
Authorized Signatory



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TESTS AND RESULTS
Test Conducted:

Section 6.3 of EN 15338:2007+A1:2010 Hardware for furniture –Strength and durability of extension elements and their components

No. of Sample:

1 pair. For more sample information and pictures, please refer to the following page.

Test	Test Description and Requirements	Test Results
Performance Requirements		
Section 6.3 - Functional tests		
During testing according to 6.3, the extension element shall be loaded according to the loading capacity M (3.3). The load shall be masses (5.3) unless otherwise specified.		
6.3.2	Deflection of extension element bottoms After loading the drawer for 15 minutes, the deflection of the drawer bottom shall not greater than 1/75 of the shortest inner dimension of the tested drawer.	N/A
6.3.3	Deformation of front and back Apply a static force 2/3 of the loading capacity but not more than the force specified in Annex C. The force shall be applied 2/3 down from the top of the lowest element [front or back] and at the middle of the width of the front and back through the wood component. During the test, the bottom shall not fall out or become detached and after testing, the extension element shall fulfil its function.	N/A
6.3.4	Operating forces The maximum forces for opening and closing, including the forces of catches, dampers, self opening and self closing mechanisms, shall be measured before the 1st vertical downwards static load test and after the 2nd horizontal sideways static test. When the loading capacity is less than 40 kg, the opening and closing forces determined shall not exceed 50 N. When the loading capacity is ≥ 40 kg, the opening and closing forces determined shall not exceed 12,5 % of the loading capacity.	PASS
6.3.5	1st vertical downwards static load test Open the extension element to its open stops or if there are no open stops to the point at which one-third of the inside length (depth) of the extension element, or at least 100 mm, remains inside the test frame. Apply a vertical static force equal to 50 % the loading capacity but not higher than the maximum force specified in Annex C on one top corner of the extension element front. Carry out 5 times. The extension element shall fulfil its function.	PASS Level 2, test force: 150 N

Test	Test Description and Requirements	Test Results
6.3.6	1st horizontal sideways static load Open the extension element to its open stops or if there are no open stops to the point at which one-third of the inside length (depth) of the extension element, or at least 100 mm, remains inside the test frame. Apply a horizontal force equal to 25 % of the loading capacity but not higher than the maximum force specified in Annex C to the centre of the side of the front. Carry out 5 times. Repeat the test 5 times in the opposite direction of the front. The extension element shall fulfil its function.	PASS Level 2, test force: 75 N
6.3.7	Determination of reference point for the deflection of front Before the durability test, fully open the unloaded extension. If there are no open stops open it to the point at which one-third of the inside length (depth) of the extension element, or at least 100 mm, remains inside the test frame. The vertical position at the middle of the top of the front shall be recorded as the reference point.	--
6.3.8	Durability Open and close the extension element gently and without supporting the front for the number of cycles specified in Annex C. Open from the fully closed position to the point at which one-third of the inside length (depth) of the extension element, or at least 100 mm, remains inside the test frame. For extension elements, which are equipped with any sort of built-in stop in the open position, fully open the extension element without forcing the stop. If the extension element has a damper and/or a catch device, including a self opening or a self closing mechanism, this shall be allowed to operate at each cycle. Open and close the extension element via the force application point at a rate of 4 to 15 cycles per minute. The extension element shall fulfill its function.	PASS (Cyclic number: 60,000, specified by applicant)
6.3.9	Deflection of front The deflection of the loaded extension element shall be measured according to 6.3.7. The deflection shall not exceed 4 % of the extension length. If there are no open stops, the extension length is to the point at which one-third of the inside length (depth) of the extension element, or at least 100 mm, remains inside the test frame.	PASS
6.3.10	2nd vertical downwards static load Open the extension element to its open stops or if there are no open stops to the point at which one-third of the inside length (depth) of the extension element, or at least 100 mm, remains inside the test frame. Apply a vertical static force equal to 50 % of the loading capacity but not higher than the maximum force specified in Annex C on one top corner of the extension element front. Carry out 5 times. The extension element shall fulfil its function. The deflection under load shall be recorded as specified in 6.3.7.	PASS Level 2, test force: 150 N

Test	Test Description and Requirements	Test Results
6.3.11	2nd horizontal sideways static load Open the extension element to its open stops or if there are no open stops to the point at which one-third of the inside length (depth) of the extension element, or at least 100 mm, remains inside the test frame. Apply a horizontal force equal to 25 % of the loading capacity but not higher than the maximum force specified in Annex C to the centre of the side of the front. Carry out 5 times. Repeat the test 5 times in the opposite direction of the front. The extension element shall fulfil its function.	PASS Level 2, test force: 75 N
6.3.12	Operating forces The maximum forces for opening and closing shall be determined as specified in 6.3.4. When the loading capacity is less than 40 kg, the opening and closing forces determined shall not exceed 50 N. When the loading capacity is ≥ 40 kg, the opening and closing forces determined shall not exceed 12,5 % of the loading capacity.	PASS
6.3.13	Slam-shut/open Slam shut/open tests shall be carried out as specified in 6.2.5. The extension element shall fulfil its function.	PASS

Remark:

1. The loading capacity M=110 kg is specified by applicant;
2. N/A – Not applicable;
3. For the sample information and pictures, please refer to the following page.



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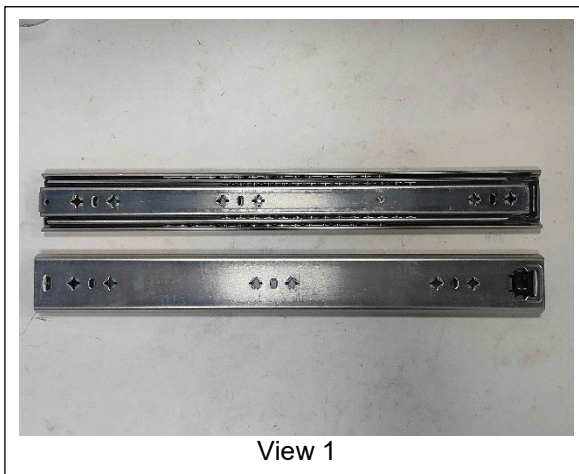
SAMPLE INFORMATION AND PICTURES

Weight: 1.23 kg

Overall Dimensions: 450 mm L x 53.22 mm W x 19.18 mm T

Other Dimensions: /

Sample as Received



View 1



View 2



View 3



View 4

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

End of Report



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