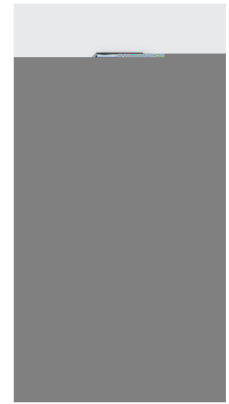


Technical Report No. 64.190.12.00180.01-02

Rev. 00

Dated 2012-09-12



Client: Zhongshan Donati Co., Ltd
58 Jinhe Road, North Shenghui Industrial Zone, Nantou, Zhongshan City,
Guangdong, P.R.China

Manufacturing place: As above

Test subject: Product: ZSDONATI TATTO
Model: 1160TS

Test specification: ANSI/BIFMA X 5.1-2011 clause 6, 10, 16

Purpose of examination:

- Test according to the test specification

Test result: PASS
Details see report Clause 3.

This technical report may only be quoted in full. Any use for advertising purposes must be granted in writing. This report is the result of a single examination of the object in que

1 Description of the test subject

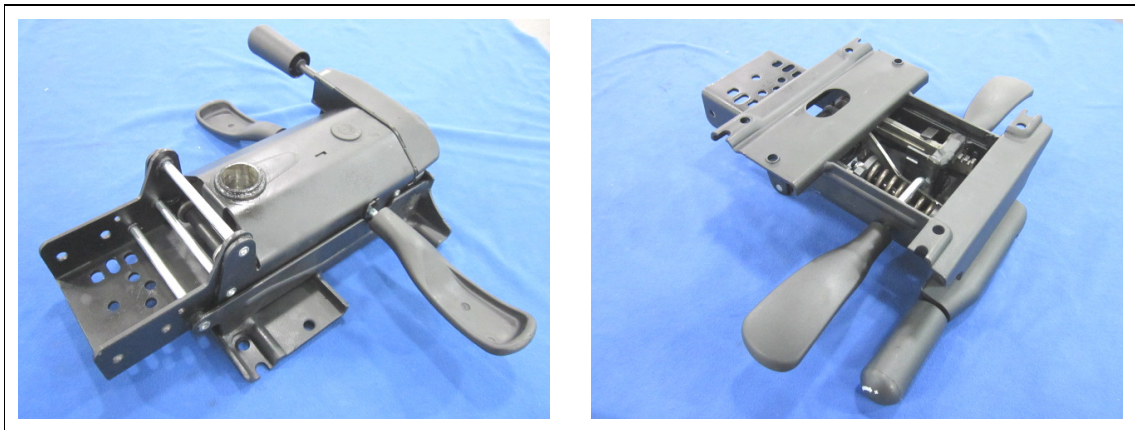
1.1 Function

Manufacturer's specification for intended use:
Tilting mechanism devices used on office chair.

1.2 Technical Data

Model	Weight (kg)	Size (W x D x H) (mm)
1160TS	5,24	425 x 342 x109

1.3 Product Photos



2 Order

2.1 Date of Purchase Order, Customer's Reference

2012-07-02

2.2 Receipt of Test Sample, Location

2012-08-20, Jiangsu TÜV Product Service Ltd. Guangzhou Branch

2.3 Date of Testing

From 2012-08-20 to 2012-09-12

2.5 Location of Testing

Jiangsu TÜV Product Service Ltd. Guangzhou Branch

2.6 Points of Non-compliance or Exceptions of the Test Procedure

None



Test Results

Abbreviations:

P (Pass) = passed

F (Fail) = failed

NA = not applicable

NT = not tested

Test standard: ANSI/BIFMA X5.1-2011 selected items

Clause	Requirement ~Test	Measuring result -Remark	Verdict
	Back Strength Test - Static - Type II & III		
4.1	Back Strength Test - Static - Type II & III - Functional Load Back force: 667 N (150 lbf.), 90 degree to the backrest, max 16 inch above the seat. Loading period: 1 minute Acceptance level: No loss of serviceability.	Fulfilled	P
4.2	Back Strength Test - Static - Type II & III - Proof Load Back force: 1112 N (250 lbf.), 90 degree to the backrest, max 16 inch above the seat. Loading period: 1 minute Acceptance level: No sudden and major change in the structural integrity of the chair. Loss of serviceability is acceptable.	Fulfilled	P
	Tilt Mechanism Test - Cyclic - Type I & II Seat load: 102 kg (225 lb.) Cycles: 300,000 cycles, move the mechanism between the front and back stops, without overriding or impacting either stop. Acceptance level: No loss of serviceability to the tilt mechanism.	Fulfilled	P
	Back Durability Test - Cyclic - Type II & III Seat load: 102 kg (225lb.) secured in the center of the seat Cycle force on backrest: 334 N (75 lbf.), Cycles: total 120,000 cycles. Acceptance level: no loss of serviceability	Fulfilled	P

Guangzhou TÜV Product Service Ltd. Guangzhou Branch
TUV SUD Group



Engineer:

Tyler Xu
Tyler Xu

Technical Report checked:

Koby Liang
Koby Liang