CONSUMER PRODUCTS SERVICES DIVISION

SHARKOON TECHNOLOGIES GMBH

Technical Report: **(6620)229-0129** NOV.23, 2020
Date Received: OCT.21, 2020 Page 1 of 8
Mod. Date: /

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Sample Description:	SHARKOON SKILLER SGS40, SGS40 FABRIC		
Manufacturer:	/	PO No.:	/
Buyer:	/	Style No	SHARKOON SKILLER SGS40, SGS40 FABRIC
Country of Origin:	CHINA	Country of Destination:	WORLDWIDE
Color:	BLACK, BLACK/GREY	SKU No.:	/
Protocol No.:	/	Art. No.:	/

	TEST REQUESTED	CONCLUSION	Remark
1)	EN 1335-1 + AC: 2002, Office chair – office work chair – Part 1: dimensions – Determination of dimensions	DATA	-
2)	EN 1335-2: 2018, Office chair – office work chair – Part 2: safety requirements (Excluding Clause 8 4.4.7 - BS EN 1022:2018 7.4, Rearwards overturning for chairs with back rest inclination)	PASS	-
3)	Loading Test	PASS	-

REMARK:
The client specifies the test methods and requirements.

SHA/TL/GL/H/AW

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PRODUCT LINE MANAGER(HARDLINE DIVISON)

Test Results are Listed As Below:

Introduction:

An examination was requested to ascertain compliance with the requirement(s) as detailed on page one of this report. The following clauses were considered applicable and our findings were as follows:

EN 1335-1: 2000 + AC: 2002				
Item	**Dimension Requirement**			**Result**
	Type A	**Type B**	**Type C**	
Seat height **a** Adjustment range	Min.: ≤420 mm Max.: ≥510 mm Min.120 mm	Min.: ≤420 mm Max.: ≥510 mm Min.100 mm	Min. ≤420 mm Max. ≥480 mm Min. 80 mm	Min: 420 mm Max: 500 mm Range: 80 mm
Seat depth **b** Non adjustable Adjustable Adjustment range	 NA Min.: ≤400 mm Max.: ≥420 mm Min.: 50 mm	 380mm to 440mm Min.: ≤400 mm Max.: ≥420 mm Min.: 50 mm	 Min.:380 mm Can be adjusted to 400 mm No requirement	 555 mm
Depth of seat surface **c**	Min.:380 mm	Min.:380 mm	Min.:380 mm	570 mm
Seat width **d**	Min.:400 mm	Min.:400 mm	Min.:400 mm	570 mm
Inclination of seat surface **e** Non adjustable Adjustable Adjustment range	 NA Max.: ≥ -7º (“-“direction) Min.: ≤ -2º (“-“direction) Min.: 6º	 -7º to -2º Max.: ≥- 7º (“-“direction) Min.: ≤ -2º (“-“direction) No requirement	 -7 º to -2º Max.: ≥ -7º (“-“direction) Min.: ≤ -2º (“-“direction) No requirement	 Max. - 15 º **Min. - 9 º**
Height of the back supporting point “S” above the seat surface **f** Non adjustable Adjustable Adjustment range	 NA Min.: ≤170 mm Max.: ≥220 mm Min.: 50 mm	 170mm to 220mm Min.: ≤170 mm Max.: ≥220 mm Min.: 50 mm	 170mm to 220mm No requirement No requirement	 210mm
Height of the back pad **g**				

EN 1335-1: 2000 + AC: 2002				
Non adjustable Adjustable	Min.260 mm Min.220 mm	Min.260 mm Min.220 mm	Min.260 mm No requirement	850 mm
Height of the upper edge of the back rest above the seat surface **h**	Min.360 mm	Min.360 mm	Min.360 mm	850 mm
Back rest width **i**	Min.360 mm	Min.360 mm	Min.360 mm	590 mm
Horizontal radius of the back rest **k**	Min.400 mm	Min.400 mm	Min.400 mm	>400 mm
Back rest inclination **l**	Min. 15º	Min. 15º	No requirement	15º
Length of arm rest **n**	Min.200 mm	Min.200 mm	Min.200 mm	270 mm
Width of arm rest **o**	Min.40 mm	Min.40 mm	Min.40 mm	100 mm
Height of arm rest above the seat **p** Non adjustable Adjustable	200mm to 250mm Min.: ≤200 mm Max.: ≥250 mm	200mm to250mm Min.: ≤200 mm Max.: ≥250 mm	200mm to 250mm Min.: ≤200 mm Max.: ≥250 mm	 **Min.: 245 mm** Max.: 318 mm
Distance from the front of the arm rests to the front edge of the seat surface **q**	Min.100 mm	Min.100 mm	Min.100 mm	Min. 100 mm
Clear width between the arm rests **r**	460mm to 510mm	460mm to 510mm	Min.460 mm	565 mm
Maximum offset of the underframe **s**	Max. 365[1]	Max. 365[1]	Max:460[2]+50mm	425 mm
Stability dimension **t**	Min.195mm	Min.195 mm	Min.195 mm	370 mm

Note:
1. if swivel castors are fitted the requirement is 415mm
2. x is the maximum horizontal distance between parts of the upper part of the chair and the axis of rotation

EN 1335-2: 2018			
Clause	Description	Result	*Comments
4	Safety requirements	-	-
4.1	General	PASS	-
4.2	Shear and squeeze points	-	-
4.2.1	Shear and squeeze points under the influence of powered mechanisms	PASS	-
4.2.2	Shear and squeeze points during use	PASS	-
BS EN 1335-2:2018 5.1.6.1 BS EN 1728:2012 7.5	Armrest downward static load test – central	PASS	-
4.4	Stability during use (before)	-	-
BS EN 1335-2:2018 4.4.1 BS EN 1022:2018 7.3.3	Corner stability test	PASS	-
BS EN 1335-2:2018 4.4.2 BS EN 1022:2018 7.3.1	Forwards overturning	PASS	-
BS EN 1335-2:2018 4.4.3 BS EN 1022:2018 7.3.2	Forwards overturning for chair with footrest	NA	See note I
BS EN 1335-2:2018 4.4.4 BS EN 1022:2018 7.3.4	Sideways overbalancing, for chair without arm rests	NA	See note I
BS EN 1335-2:2018 4.4.5 BS EN 1022:2018 7.3.5.1 & 7.3.5.2	Sideways overbalancing, for chair, seating with arm rests	PASS	-
BS EN 1335-2:2018 4.4.6 BS EN 1022:2018 7.3.6	Rearwards overbalancing for chairs without back test inclination and for chairs with adjustable backrest inclination that can be locked	PASS	-
BS EN 1335-2:2018 4.4.7 BS EN 1022:2018 7.4	Rearwards overturning for chairs with back rest inclination	NC	See note II
BS EN 1335-2:2018 5.1.6.1 BS EN 1728:2012 7.5	Armrest downward static load test – central	PASS	-
BS EN 1335-2:2018 5.3 BS EN 1728:2012 6.30	Rolling resistance of the unloaded chair	PASS	-
5	Strength and durability	-	-
BS EN 1335-2:2018 5.1.1 BS EN 1728:2012 7.3	Combined seat and back static load test	PASS	-
BS EN 1335-2:2018 5.1.2 BS EN 1728:2012 7.4	Seat front edge static test	PASS	-
BS EN 1335-2:2018 5.1.3 BS EN 1728:2012 7.8	Foot rest static load	NA	See note I
BS EN 1335-2:2018 5.1.4 BS EN 1728:2012 7.9	Seat and back durability	PASS	-

STPE 1	Loading point A	PASS	-
STPE 2	Loading point C-B	PASS	-
STPE 3	Loading point J-E	PASS	-
STPE 4	Loading point F-H	PASS	-
STPE 5	Loading point D-G	PASS	-
BS EN 1335-2:2018 5.1.5 BS EN 1728:2012 7.10	Arm rest durability	PASS	-
BS EN 1335-2:2018 5.3 BS EN 1728:2012 6.30	Rolling resistance of the unloaded chair	PASS	-
BS EN 1335-2:2018 5.1.6.1 BS EN 1728:2012 7.5	Armrest downward static load test – central	PASS	-
4.4	Stability during use (after)	-	-
BS EN 1335-2:2018 4.4.1 BS EN 1022:2018 7.3.3	Corner stability test	PASS	-
BS EN 1335-2:2018 4.4.2 BS EN 1022:2018 7.3.1	Forwards overturning	PASS	-
BS EN 1335-2:2018 4.4.3 BS EN 1022:2018 7.3.2	Forwards overturning for chair with footrest	NA	See note I
BS EN 1335-2:2018 4.4.4 BS EN 1022:2018 7.3.4	Sideways overbalancing, for chair without arm rests	NA	See note I
BS EN 1335-2:2018 4.4.5 BS EN 1022:2018 7.3.5.1 & 7.3.5.2	Sideways overbalancing, for chair, seating with arm rests	PASS	-
BS EN 1335-2:2018 4.4.6 BS EN 1022:2018 7.3.6	Rearwards overbalancing for chairs without back test inclination and for chairs with adjustable backrest inclination that can be locked	PASS	-
BS EN 1335-2:2018 4.4.7 BS EN 1022:2018 7.4	Rearwards overturning for chairs with back rest inclination	NC	See note II
BS EN 1335-2:2018 5.1.6.1 BS EN 1728:2012 7.5	Armrest downward static load test – central	PASS	-
BS EN 1335-2:2018 5.3 BS EN 1728:2012 6.30	Rolling resistance of the unloaded chair	PASS	-

ANNEX I: SUBMISSION DESCRIPTION

Sample Description: SHARKOON SKILLER SGS40, SGS40 FABRIC

The overall dimension was recorded as:
(82.0~125.0) cm (D) x (79.0~81.0) cm (W) x (132.0~140.5) cm (H)

Sample weight: 24.4kg

ANNEX II: ADDITIONAL COMMENTS

I NA = Not applicable.

II NC = Not conducted as per client request

3. Loading Test

Test Method	Description	Result	*Comments
Loading Test	In-house method Apply 1600 N*(150 kg/110 kg) = 2182 N vertical load onto the seat load position (per EN 1335) through seat loading pad. Repeat 10 cycles. No damage should be visual check after test.	PASS	-

EXHIBIT

END