Measurement request from test house for CCC certification

From 28/09/2014 to next revision

Brand	Skywalk	**Test house name**	DHV Musterprüfstelle
Model	X-Alps2	**CCC certification n°**	DHV GS-CCC-005-15
Size	S	**Certification date**	01.06.2015

AUTOMATIC CALCULATION
FILL UP THIS COLOR
DELATE & PASTE DRAWING OR PICTURE

Canopy dimensions

	Rib n° from center		Tension	Manual tolerances	Aspect ratio 4*span / (chord A+2.5*Chord B)
Full Span	X	12250	3KG	2%	
1/2 Trailing Edge	X	6312	3KG	1%	
Chord A	1	2194	3KG	1%	6.968641115
Chord B	18	1935	3KG	1%	

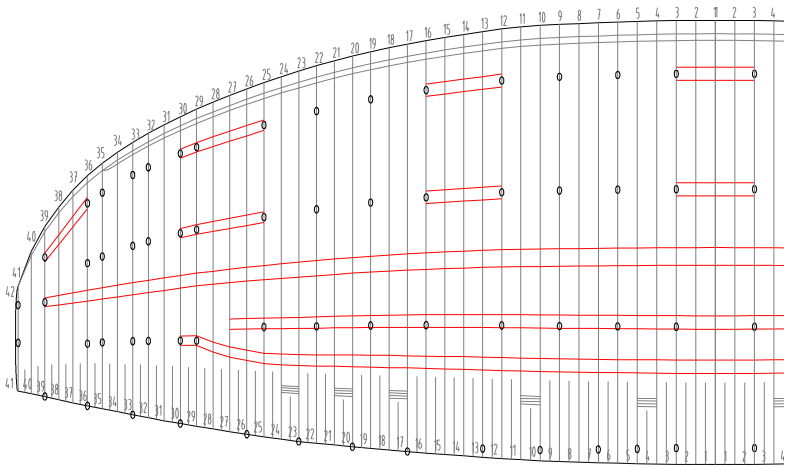
Chord lenght, inlet position, tabs position measured from trailing edge.

(The tab A & B & C can bee on different rib, take care to specify it)

On first lined rib with all lines (A,B,C,D) if not all tab on rib specify rib number	Rib n° from center	Distance	Tension	Manual tolerances	Computer values
Chord	3	2200	3KG	+/-10mm	2201
Top of inlet	3	2132	3KG	+/-10mm	2136
Bottom of inlet	3	2095	3KG	+/-10mm	2103
Tab A	3	1925	3KG	+/-10mm	1939
Tab B	3	1362	3KG	+/-10mm	1369
Tab C	3	685	3KG	+/-10mm	689
			3KG	+/-10mm	

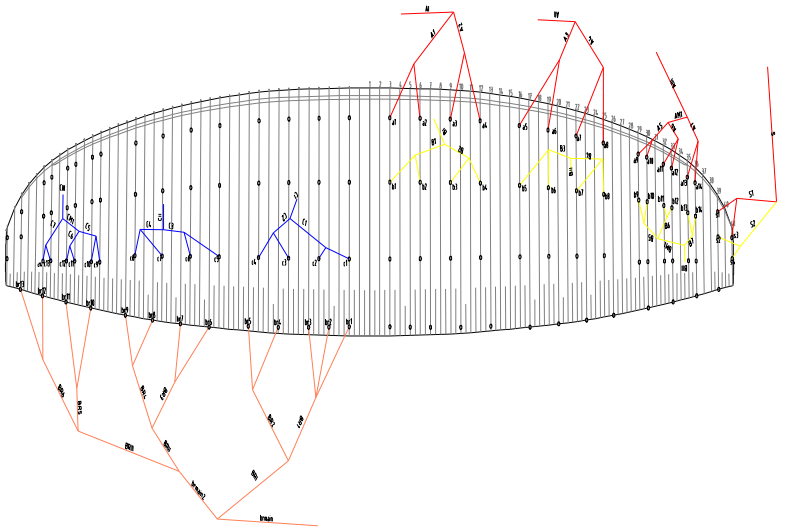
On first lined rib of Group 2 with all line (A,B,C,D) if not all tab on rib specify rib number	Rib n° from center	Distance	Tension	Manual tolerances	Computer values
Chord	25	1670	3KG	+/-10mm	1672
Top of inlet	25	1627	3KG	+/-10mm	1622
Bottom of inlet	25	1598	3KG	+/-10mm	1597
Tab A	25	1468	3KG	+/-10mm	1473
Tab B	25	1040	3KG	+/-10mm	1040
Tab C	25	524	3KG	+/-10mm	525
			3KG	+/-10mm	

On last lined rib (stabilo) (from center)	Rib n° from center	Distance	Tension	Manual tolerances	Computer values
Chord	41	540	3KG	+/-10mm	550
Tab A	41	446	3KG	+/-10mm	453
Tab B	41	254	3KG	+/-10mm	259
Tab C			3KG	+/-10mm	



Absolute line length from bottom riser to canopy

LINED RIB NUMBER	A	B	C	S		BRAKES	Tension	Manual tolerances
1	7756	7682	7737	6891		7758	5KG	+/-10mm
2	7677	7601	7658	6875		7573	5KG	+/-10mm
3	7650	7574	7625	6845		7562	5KG	+/-10mm
4	7668	7597	7647	6864		7422	5KG	+/-10mm
5	7582	7510	7566			7471	5KG	+/-10mm
6	7493	7428	7478			7344	5KG	+/-10mm
7	7444	7384	7429			7178	5KG	+/-10mm
8	7442	7387	7432			7101	5KG	+/-10mm
9	7283	7228	7267			7141	5KG	+/-10mm
10	7245	7187	7225			7027	5KG	+/-10mm
11	7168	7114	7154			6911	5KG	+/-10mm
12	7152	7100	7138			6889	5KG	+/-10mm
13	7095	7048	7080			6883	5KG	+/-10mm
14	7085	7035	7070				5KG	+/-10mm
15							5KG	+/-10mm
16							5KG	+/-10mm
17							5KG	+/-10mm
18							5KG	+/-10mm
19							5KG	+/-10mm
20							5KG	+/-10mm
21							5KG	+/-10mm
22							5KG	+/-10mm
23							5KG	+/-10mm
24							5KG	+/-10mm



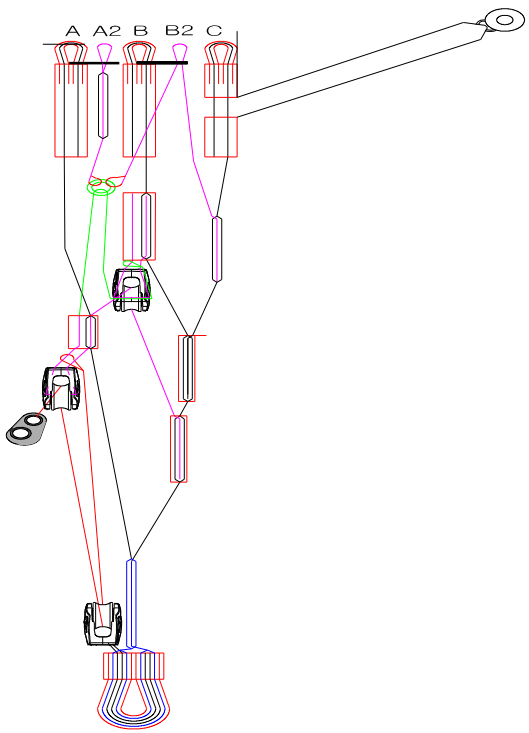
Riser length

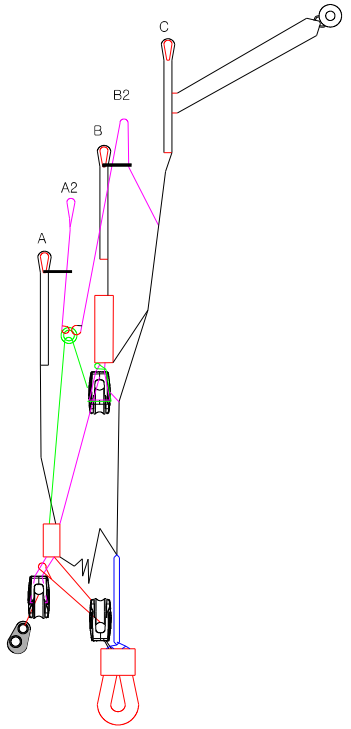
from bottom riser to top maillon on each branche	A	A2	B	B2	C	calculated Δt	Tension	Manual tolerances	Attachment rod diameter in mm
Neutral	556	555	556	553	555	1	5KG	+/-5mm	5

Full speed setting		Manual tolerances
A-B	85	+/-5mm
A2-B	43	+/-5mm

Full speed setting		Manual tolerances
B2-B	17	+/-5mm
C-B	84	+/-5mm

Total speed Range (Δa+Δt)		
	167	+/-5mm





Pos	Material	Comment
a1	Edelrid 8000U-50	double spliced both sides
a2	Edelrid 8000U-50	
a3	Edelrid 8000U-50	
a4	Edelrid 8000U-50	
a5	Edelrid 8000U-50	
a6	Edelrid 8000U-50	
a7	Edelrid 8000U-50	
a8	Edelrid 8000U-50	
a9	Edelrid 9200-30	
a10	Edelrid 9200-30	
a11	Edelrid 9200-30	
a12	Edelrid 9200-30	
a13	Edelrid 9200-30	
a14	Edelrid 9200-30	
A1	Edelrid 8000U-90	
A2	Edelrid 8000U-90	
A3	Edelrid 8000U-90	
A4	Edelrid 8000U-90	
A5	Edelrid 8000U-50	
A6	Edelrid 8000U-50	
A7	Edelrid 8000U-50	
AM1	DC60	
AI	Edelrid 8000U-230	
AII	Edelrid 8000U-190	
AIII	Edelrid 8000U-90	
s1	Edelrid 9200-30	
s2	Edelrid 9200-30	
s3	Edelrid 9200-30	
s4	Edelrid 9200-30	
S1	Edelrid 9200-30	
S2	Edelrid 9200-30	
S	Edelrid 8000U-90	

Pos	Material	Comment
b1	Edelrid 8000U-50	double spliced both sides
b2	Edelrid 8000U-50	
b3	Edelrid 8000U-50	
b4	Edelrid 8000U-50	
b5	Edelrid 8000U-50	
b6	Edelrid 8000U-50	
b7	Edelrid 8000U-50	
b8	Edelrid 8000U-50	
b9	Edelrid 9200-30	
b10	Edelrid 9200-30	
b11	Edelrid 9200-30	
b12	Edelrid 9200-30	
b13	Edelrid 9200-30	
b14	Edelrid 9200-30	
B1	Edelrid 8000U-90	
B2	Edelrid 8000U-90	
B3	Edelrid 8000U-90	
B4	Edelrid 8000U-90	
B5	Edelrid 8000U-50	
B6	Edelrid 8000U-50	
B7	Edelrid 8000U-50	
BM1	DC60	
BI	Edelrid 8000U-230	
BII	Edelrid 8000U-190	
BIII	Edelrid 8000U-90	
br1	Edelrid 9200-30	
br2	Edelrid 9200-30	
br3	Edelrid 9200-30	
br4	Edelrid 9200-30	
br5	Edelrid 9200-30	
br6	Edelrid 9200-30	
br7	Edelrid 9200-30	
br8	Edelrid 9200-30	
br9	Edelrid 9200-30	
br10	Edelrid 9200-30	
br11	Edelrid 9200-30	
br12	Edelrid 9200-30	
br13	Edelrid 9200-30	

Pos	Material	Comment
c1	Edelrid 8000U-50	double spliced both sides
c2	Edelrid 8000U-50	
c3	Edelrid 8000U-50	
c4	Edelrid 8000U-50	
c5	Edelrid 8000U-50	
c6	Edelrid 8000U-50	
c7	Edelrid 8000U-50	
c8	Edelrid 8000U-50	
c9	Edelrid 9200-30	
c10	Edelrid 9200-30	
c11	Edelrid 9200-30	
c12	Edelrid 9200-30	
c13	Edelrid 9200-30	
c14	Edelrid 9200-30	
C1	Edelrid 8000U-90	
C2	Edelrid 8000U-90	
C3	Edelrid 8000U-90	
C4	Edelrid 8000U-90	
C5	Edelrid 8000U-50	
C6	Edelrid 8000U-50	
C7	Edelrid 8000U-50	
CM1	DC60	
CI	Edelrid 8000U-230	
CII	Edelrid 8000U-190	
CIII	Edelrid 8000U-90	
BR1	Edelrid 9200-30	
BR2	Edelrid 9200-30	
BR3	Edelrid 9200-30	
BR4	Edelrid 9200-30	
BR5	Edelrid 9200-30	
BR6	Edelrid 9200-30	
BRI	Edelrid 9200-30	
BRII	Edelrid 9200-30	
BRIII	Edelrid 9200-30	
Brmain	DFLP200/32	
Brmain2	Edelrid 9200-30	

Other pictures & drawings requested from Test Laboratories