



Line breaking strength report

Inspection certification number
Manufacturer name: SWING Flausentorsteile GmbH
Model name and size: SERAC RS L
Report valid for the other sizes of model: SERAC RS

kg daN
Maximum weight: 120 117.8

Line specification and line breaking strength in daN (in respect to equivalent value) ⁽¹⁾

Line number	Manufacturer	Line type	Strength (daN)	Test on
1	Extended	8001-230	111.4	810
2	Extended	8001-190	104.6	810
3	Extended	8001-130	59.9	540
4	Extended	8001-090	42.9	340

Line number	Manufacturer	Line type	Strength (daN)	Test on
5	Line	DC 100	55.0	540
6	Line	DC 80	55.0	540
7	Line	NTSL 120	72.4	540
8				

Handle knot: Line CPLE 200 80.0

Line breaking strength, theoretical calculation (see details on the following pages) ⁽²⁾

Sum A+B+C	daN
Level 1	105.00
Level 2	117.80
Level 3	207.40
Level 4	242.20
Level 5	0.00

A, B and C, the sum of each level must be equal or exceed 1400daN or 14g

Result: **POSITIVE**

Sum with level of handle lines	daN
Level 1	105.00
Level 2	117.80
Level 3	207.40
Level 4	242.20
Level 5	0.00

Break line, the sum of each level must be equal or exceed 1500daN

Result: **POSITIVE**

Place of inspection:
Date of issue:
Inspector:

da.mm.yyyy

As Template 36 for thoroughly tested suspension for complete paragliders mentioned above, and calculated for rated strength 3 cables in conformity with the standards EN ISO 10218 chapter 5.2, 5.3, 5.4, 5.7, 5.9, 6, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6, 6.7, 6.8, 6.9, 6.10, 6.11, 6.12, 6.13, 6.14, 6.15, 6.16, 6.17, 6.18, 6.19, 6.20, 6.21, 6.22, 6.23, 6.24, 6.25, 6.26, 6.27, 6.28, 6.29, 6.30, 6.31, 6.32, 6.33, 6.34, 6.35, 6.36, 6.37, 6.38, 6.39, 6.40, 6.41, 6.42, 6.43, 6.44, 6.45, 6.46, 6.47, 6.48, 6.49, 6.50, 6.51, 6.52, 6.53, 6.54, 6.55, 6.56, 6.57, 6.58, 6.59, 6.60, 6.61, 6.62, 6.63, 6.64, 6.65, 6.66, 6.67, 6.68, 6.69, 6.70, 6.71, 6.72, 6.73, 6.74, 6.75, 6.76, 6.77, 6.78, 6.79, 6.80, 6.81, 6.82, 6.83, 6.84, 6.85, 6.86, 6.87, 6.88, 6.89, 6.90, 6.91, 6.92, 6.93, 6.94, 6.95, 6.96, 6.97, 6.98, 6.99, 7.00, 7.01, 7.02, 7.03, 7.04, 7.05, 7.06, 7.07, 7.08, 7.09, 7.10, 7.11, 7.12, 7.13, 7.14, 7.15, 7.16, 7.17, 7.18, 7.19, 7.20, 7.21, 7.22, 7.23, 7.24, 7.25, 7.26, 7.27, 7.28, 7.29, 7.30, 7.31, 7.32, 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