

# Line measurement of the referential Glider with the Risers

## Glider: XSTYLE 20

|                    | Position | A    | spec. (A - B) | spec. Ø (A-B) | B    | C    | spec. (C - B) | spec. Ø (C-B) | D       | spec. (D - B) | spec. Ø (D-B) | S    | spec. (S - B13) | Brake |
|--------------------|----------|------|---------------|---------------|------|------|---------------|---------------|---------|---------------|---------------|------|-----------------|-------|
| center             | 1        | 6375 | 77            | 76            | 6298 | 6374 | 76            | 75            | 6458    | 160           | 157           | 5669 | -152            | 6399  |
|                    | 2        | 6322 | 79            |               | 6243 | 6319 | 76            |               | 6403    | 160           |               | 5668 | -153            | 6179  |
|                    | 3        | 6293 | 77            |               | 6216 | 6292 | 76            |               | 6371    | 156           |               | 5701 | -120            | 6098  |
|                    | 4        | 6313 | 72            |               | 6241 | 6314 | 73            |               | 6393    | 152           |               | 5762 | -59             | 6021  |
|                    | 5        | 6293 | 65            | 6228          | 6289 | 61   | 6364          | 136           | B13-B12 | -172          | 5950          |      |                 |       |
| outward<br>stabilo | 6        | 6250 | 63            | 59            | 6187 | 6246 | 59            | 58            | 6321    | 134           | 129           |      |                 | 6002  |
|                    | 7        | 6228 | 57            |               | 6171 | 6228 | 57            |               | 6297    | 126           |               | 5968 |                 |       |
|                    | 8        | 6242 | 52            |               | 6190 | 6245 | 55            |               | 6311    | 121           |               | 5978 |                 |       |
|                    | 9        | 6174 | 36            |               | 6138 | 6157 | 19            |               | 6206    | 68            |               | 5997 |                 |       |
|                    | 10       | 6122 | 29            | 24            | 6094 | 6110 | 16            | 13            | 6155    | 62            | 52            |      |                 |       |
|                    | 11       | 6052 | 18            |               | 6034 | 6048 | 14            |               | 6082    | 48            |               |      |                 |       |
|                    | 12       | 6026 | 13            |               | 6013 | 6016 | 3             |               | 6044    | 31            |               |      |                 |       |
|                    | 13       | 5815 | -6            |               | 5821 |      |               |               |         |               |               |      |                 |       |

Tolerance: +/- 10mm

Total length of lines measured from the inner edge of risers base to the underside of the wing with a tension of 5daN.

Total length of the brake lines measured from handels knot to the trailing edge of the wing or to the brake strap with tension of 5daN.

Measured by: *Lukas Pohl*

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