

## Weld-on Lifting Eye RUD VLBS without spring



### Product information

- Suspension ring pivots 180°
- Suspension ring & weld-on-block of the VLBS-U are undetachable
- Suspension ring can be angled into position (VLBS-U)

**Material:** Forged of high strength steel.

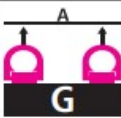
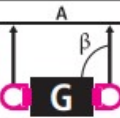
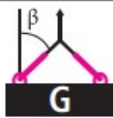
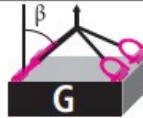
**Marking:** CE-marked, WLL, indication for the most unfavourable case.

**Finish:** Striking fluorescent pink powder coating.

**Safety factor:** 4:1.

| Part code   | Code                       | WLL | Eye diam.Ø<br>mm | T<br>mm | A mm | B mm | C mm | D<br>mm | E<br>mm | F<br>mm | G<br>mm | H<br>mm | Weight |
|-------------|----------------------------|-----|------------------|---------|------|------|------|---------|---------|---------|---------|---------|--------|
| 42157993115 | VLBS-U-1,5t without spring | 1.5 | 25               | 65      | 33   | 66   | 25   | 38      | 40      | 14      | 33      | 14      | 0.35   |
| 42157995346 | VLBS-U-2,5t without spring | 2.5 | 27               | 75      | 38   | 77   | 28   | 45      | 47      | 16      | 40      | 16      | 0.5    |
| 42157993116 | VLBS-U-4t without spring   | 4   | 32               | 83      | 42   | 87   | 31   | 51      | 52      | 18      | 46      | 16      | 0.72   |
| 42157993117 | VLBS-U-6,7t without spring | 6.7 | 44               | 117     | 61   | 115  | 44   | 67      | 73      | 24      | 60      | 22.5    | 1.9    |
| 42157993118 | VLBS-U-10t without spring  | 10  | 55               | 126     | 75   | 129  | 55   | 67      | 71      | 26.5    | 60      | 26.5    | 2.75   |
| 42157993041 | VLBS-U-16t without spring  | 16  | 69               | 176     | 96   | 192  | 70   | 100     | 106     | 40      | 90      | 26      | 7.1    |

## Technical data

| Method of lift                                                                                                                                                         |  |  |  |  |                                                                      |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Number of legs                                                                                                                                                         | 1                                                                                 | 1                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                                                                                       | 2                                                                                   | 2                                                                                   | 3 / 4                                                                               | 3 / 4                                                                               | 3 / 4                                                                               |
| Angle of inclination <math>\beta</math>                                                                                                                                | 0°                                                                                | 90°                                                                               | 0°                                                                                | 90°                                                                               | 0-45°                                                                                                                                                   | >45-60°                                                                             | Un-symm.                                                                            | 0-45°                                                                               | >45-60°                                                                             | Un-symm.                                                                            |
| Faktor                                                                                                                                                                 | 1                                                                                 | 1                                                                                 | 2                                                                                 | 2                                                                                 | 1.4                                                                                                                                                     | 1                                                                                   | 1                                                                                   | 2.1                                                                                 | 1.5                                                                                 | 1                                                                                   |
| Type                                                                                                                                                                   | For the max. total load weight >G<                                                |                                                                                   |                                                                                   |                                                                                   |                                                                                                                                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| VLBS 1.5 t                                                                                                                                                             | <b>1.5 t</b><br>3300 lbs                                                          | <b>1.5 t</b><br>3300 lbs                                                          | <b>3 t</b><br>6600 lbs                                                            | <b>3 t</b><br>6600 lbs                                                            | <b>2.12 t</b><br>4620 lbs                                                                                                                               | <b>1.5 t</b><br>3300 lbs                                                            | <b>1.5 t</b><br>3300 lbs                                                            | <b>3.15 t</b><br>6930 lbs                                                           | <b>2.24 t</b><br>4950 lbs                                                           | <b>1.5 t</b><br>3300 lbs                                                            |
| VLBS 2.5 t                                                                                                                                                             | <b>2.5 t</b><br>5500 lbs                                                          | <b>2.5 t</b><br>5500 lbs                                                          | <b>5 t</b><br>11000 lbs                                                           | <b>5 t</b><br>11000 lbs                                                           | <b>3.5 t</b><br>7700 lbs                                                                                                                                | <b>2.5 t</b><br>5500 lbs                                                            | <b>2.5 t</b><br>5500 lbs                                                            | <b>5.25 t</b><br>11550 lbs                                                          | <b>3.75 t</b><br>8250 lbs                                                           | <b>2.5 t</b><br>5500 lbs                                                            |
| VLBS 4 t                                                                                                                                                               | <b>4 t</b><br>8800 lbs                                                            | <b>4 t</b><br>8800 lbs                                                            | <b>8 t</b><br>17600 lbs                                                           | <b>8 t</b><br>17600 lbs                                                           | <b>5.6 t</b><br>12320 lbs                                                                                                                               | <b>4 t</b><br>8800 lbs                                                              | <b>4 t</b><br>8800 lbs                                                              | <b>8.4 t</b><br>18500 lbs                                                           | <b>6 t</b><br>13200 lbs                                                             | <b>4 t</b><br>8800 lbs                                                              |
| VLBS 6.7 t                                                                                                                                                             | <b>6.7 t</b><br>14750 lbs                                                         | <b>6.7 t</b><br>14750 lbs                                                         | <b>13.4 t</b><br>29500 lbs                                                        | <b>13.4 t</b><br>29500 lbs                                                        | <b>9.4 t</b><br>20650 lbs                                                                                                                               | <b>6.7 t</b><br>14750 lbs                                                           | <b>6.7 t</b><br>14750 lbs                                                           | <b>14.1 t</b><br>30980 lbs                                                          | <b>10 t</b><br>22100 lbs                                                            | <b>6.7 t</b><br>14750 lbs                                                           |
| VLBS 10 t                                                                                                                                                              | <b>10 t</b><br>22000 lbs                                                          | <b>10 t</b><br>22000 lbs                                                          | <b>20 t</b><br>44000 lbs                                                          | <b>20 t</b><br>44000 lbs                                                          | <b>14.0 t</b><br>30800 lbs                                                                                                                              | <b>10 t</b><br>22000 lbs                                                            | <b>10 t</b><br>22000 lbs                                                            | <b>21.2 t</b><br>46200 lbs                                                          | <b>15 t</b><br>33000 lbs                                                            | <b>10 t</b><br>22000 lbs                                                            |
| VLBS 16 t                                                                                                                                                              | <b>16 t</b><br>35200 lbs                                                          | <b>16 t</b><br>35200 lbs                                                          | <b>32 t</b><br>70400 lbs                                                          | <b>32 t</b><br>70400 lbs                                                          | <b>22.4 t</b><br>49300 lbs                                                                                                                              | <b>16 t</b><br>35200 lbs                                                            | <b>16 t</b><br>35200 lbs                                                            | <b>33.6 t</b><br>73920 lbs                                                          | <b>24 t</b><br>52800 lbs                                                            | <b>16 t</b><br>35200 lbs                                                            |
| At a lift with one strand and two parallel strands where the inclination angles are at the max. $\pm 7^\circ$ , the lifting methode can be assumed as a vertical lift. |                                                                                   |                                                                                   |                                                                                   |                                                                                   | When lifting with two, three or four leg lifting means, inclination angles of less than $15^\circ$ shall be avoided, if possible (Risk of instability). |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

## Blueprint

