

## Lifting Eye RUD VWBG



### Product information

- Rotates 360°, pivots 230°
- Indicator markings to highlight wear and damage to load ring
- Oversized load rings
- Ball bearing

**Marking:** According to standard, CE-marked

**Temperature range:** -40°C up to +100°C


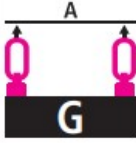
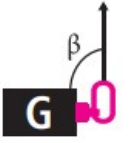
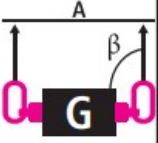
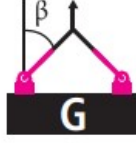
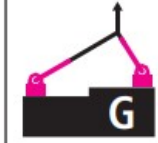
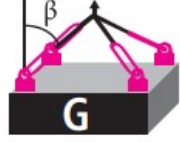

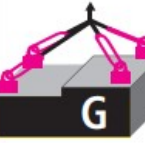
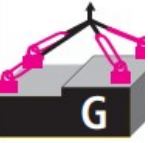
**Standard:** EN 1677-1, EN 1677-4

**Safety factor:** 4:1

**Grade:** 10

| Part code   | WLL  | Thread mm | A mm | B mm | C mm | D, mm | E mm | F mm | G, mm | Mmm mm | T mm | Weight |
|-------------|------|-----------|------|------|------|-------|------|------|-------|--------|------|--------|
| 42157999059 | 8    | M36       | 22   | 86   | 50   | 90    | 80   | 54   | 94    | M36    | 208  | 4.72   |
| 42157999044 | 12   | M42       | 26   | 111  | 65   | 98    | 85   | 63   | 95    | M42    | 234  | 6.1    |
| 42157900455 | 12   | M45       | 26   | 11   | 65   | 98    | 85   | 67   | 95    | M45    | 234  | 6.24   |
| 42157999045 | 13   | M48       | 26   | 111  | 65   | 98    | 85   | 68   | 95    | M48    | 234  | 6.37   |
| 42157901081 | 14   | M52       | 32   | 119  | 70   | 120   | 95   | 78   | 120   | M52    | 271  | 10.55  |
| 42157999004 | 16   | M56       | 32   | 119  | 70   | 120   | 95   | 84   | 120   | M56    | 271  | 10.68  |
| 42157999043 | 16   | M64       | 32   | 119  | 70   | 120   | 95   | 94   | 120   | M64    | 271  | 11.4   |
| 42157900097 | 31.5 | M72       | 46   | 130  | 90   | 170   | 145  | 108  | 159   | M72    | 338  | 29.96  |

## Technical data

| Method of lifting                    |                        |             |  |  |  |  |  |  |  |  |  |
|--------------------------------------|------------------------|--|---|---|--|---|---|---|---|---|---|
| no. of strands                       | 1                      | 2  | 1   | 2   | 2  | 2   | 2   | 3 / 4*  | 3 / 4*  | 3 / 4*  |   |
| inclination angle <math>\beta</math> | 0°-7°                  | 0°-7°  | 90°   | 90°   | 0-45°  | >45-60°   | Un-symm.  | 0-45°   | >45-60°   | Un-symm.  |   |
| Factor                               |                        |  | 1   | 2   | 1.4  | 1   | 1   | 2.1   | 1.5   | 1   |   |
| Loading directions<br>(Pic. 8)       | Z                      | Z  | X (Y)   | X (Y)   | X (Y)  | X (Y)   | X (Y)   | X (Y)   | X (Y)   | X (Y)   |   |
| Type                                 | thread                 | For the max. total load weight >G< in metric tons, tightened and adjusted to force direction |   |   |  |   |   |   |   |   |   |
| VWBG 6(7.5)                          | M33                    | 15   | 30  | 6 (7.5)   | 12 (15)  | 8.4 (10.5)  | 6 (7.5)   | 6 (7.5)   | 12.6 (15.75)  | 9 (11.25)   | 6 (7.5)   |
| VWBG 8(10)                           | M36<br>1 1/2"          | 15   | 30  | 8 (10)  | 16 (20)  | 11.2 (14)   | 8 (10)  | 8 (10)  | 17 (21.2)   | 11.8 (15)   | 8 (10)  |
| VWBG 12(13)                          | M42<br>1 3/4" - 1 7/8" | 17   | 34  | 12 (13)   | 24 (26)  | 16.8 (18.2)   | 12 (13)   | 12 (13)   | 25.2 (27.3)   | 18 (19.5)   | 12 (13)   |
| VWBG 12(15)                          | M45                    | 18   | 36  | 12 (15)   | 24 (30)  | 16.8 (21.2)   | 12 (15)   | 12 (15)   | 25.2 (31.5)   | 18 (22.4)   | 12 (15)   |
| VWBG 13(16)                          | M48<br>2"              | 18   | 36  | 13 (16)   | 26 (32)  | 18.2 (22.4)   | 13 (16)   | 13 (16)   | 27.3 (33.6)   | 19.5 (24)   | 13 (16)   |
| VWBG 14(20)                          | M52                    | 25   | 50  | 14 (20)   | 28 (40)  | 19.6 (28)   | 14 (20)   | 14 (20)   | 29.4 (42)   | 21 (30)   | 14 (20)   |
| VWBG 16(22)                          | M56<br>2 1/4" - 2 1/2" | 28   | 56  | 16 (22)   | 32 (44)  | 22.4 (30.8)   | 16 (22)   | 16 (22)   | 33.6 (46.2)   | 24 (33)   | 16 (22)   |
| VWBG 16(25)                          | M64<br>2 3/4" - 3"     | 28   | 56  | 16 (25)   | 32 (50)  | 22.4 (35)   | 16 (25)   | 16 (25)   | 33.6 (52.5)   | 24 (37.5)   | 16 (25)   |
| VWBG 31.5(40)                        | M72<br>3"              | 50   | 100   | 31.5 (40)   | 63 (80)  | 45 (56)   | 31.5 (40)   | 31.5 (40)   | 67 (84)   | 47.5 (60)   | 31.5 (40)   |
| VWBG 35(48)                          | M80<br>3 1/2"          | 50   | 100   | 35 (48)   | 70 (96)  | 49 (67.2)   | 35 (48)   | 35 (48)   | 73.5 (100.8)  | 52.5 (72)   | 35 (48)   |

|  |                |    |     |         |          |   |         |         |          |         |         |
|--|----------------|----|-----|---------|----------|---|---------|---------|----------|---------|---------|
| VWBG 40(50)  | M90<br>4" - 5" | 50 | 100 | 40 (50) | 80 (100) | 56 (70)   | 40 (50) | 40 (50) | 84 (105) | 60 (75) | 40 (50) |
| 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

