

## Lifting Eye Starpoint VRS-F with variable length

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### Product information



- 360° adjustable in force direction
- several times higher WLL than the DIN 580 eye bolt
- Easy-Fit-Key for easy assembly and disassembly

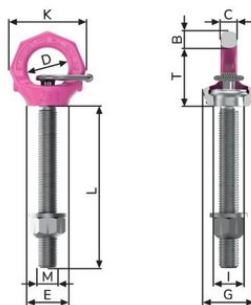
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**Safety factor:** 4:1

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### Blueprint



### Technical data

| Part code    | WLL  | B mm | C mm | D mm | E mm | G mm | I mm | K mm | L mm   | M mm | N mm | T mm |
|--------------|------|------|------|------|------|------|------|------|--------|------|------|------|
| 421100041110 | 0.4  | 11   | 9    | 25   | 25   | 30   | 16.3 | 47   | 16-70  | M10  | 6    | 35   |
| 421100081110 | 0.75 | 13   | 10   | 30   | 30   | 34   | 19.8 | 56   | 18-150 | M12  | 8    | 42   |
| 421100151110 | 1.5  | 15   | 13   | 35   | 36   | 40   | 23.5 | 65   | 35     | M16  | 10   | 49   |
| 421100151115 | 1.5  | 15   | 13   | 35   | 36   | 40   | 23.5 | 65   | 120    | M16  | 10   | 49   |
| 421100151116 | 1.5  | 15   | 13   | 35   | 36   | 40   | 23.5 | 65   | 24-120 | M16  | 10   | 49   |
| 421100231110 | 2.3  | 17   | 16   | 40   | 41   | 50   | 29.3 | 76   | 120    | M20  | 12   | 58   |
| 421100231115 | 2.3  | 17   | 16   | 40   | 41   | 50   | 29.3 | 76   | 160    | M20  | 12   | 58   |
| 421100231116 | 2.3  | 17   | 16   | 40   | 41   | 50   | 29.3 | 76   | 30-160 | M20  | 12   | 58   |
| 421100321110 | 3.2  | 20   | 19   | 49   | 51   | 60   | 35   | 92   | 36-140 | M24  | 14   | 70   |
| 421100451110 | 4.5  | 26   | 24   | 60   | 66   | 75   | 44   | 114  | 45-190 | M30  | 17   | 87   |

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Working load limit in metric tons

| 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°-7°       | 90°   | 0°-7° | 90° | 0-45° | >45-60° | Unsymm. | 0-45° | >45-60° | Unsymm. |      |
| factor                                  |             | 1   |       | 2   | 1.4   | 1       | 1       | 2.1   | 1.5     | 1       |      |
| <b>Safety factor 4:1</b>                |             | <b>for the max. total load weight &gt;G&lt; in metric tons, tightened and adjusted to force direction</b> |       |     |       |         |         |       |         |         |      |
| M6                                      | 1/4"-20UNC  | 0.5   | 0.1   | 1   | 0.2   | 0.14    | 0.1     | 0.1   | 0.21    | 0.15    | 0.1  |
| M8                                      | 5/16"-18UNC | 1   | 0.3   | 2   | 0.6   | 0.42    | 0.3     | 0.3   | 0.63    | 0.45    | 0.3  |
| M8x1                                    | -           |   |       |     |       |         |         |       |         |         |      |
| M10                                     | 3/8"-16UNC  | 1   | 0.4   | 2   | 0.8   | 0.56    | 0.4     | 0.4   | 0.84    | 0.6     | 0.4  |
| M10x1                                   | 7/16"-14UNC |   |       |     |       |         |         |       |         |         |      |
| M12                                     | 1/2"-13UNC  | 2   | 0.75  | 4   | 1.5   | 1       | 0.75    | 0.75  | 1.57    | 1.12    | 0.75 |
| M12x1,5                                 | -           |   |       |     |       |         |         |       |         |         |      |
| M14                                     | -           |   |       |     |       |         |         |       |         |         |      |
| M16                                     | 5/8"-11UNC  | 4   | 1.5   | 8   | 3     | 2.1     | 1.5     | 1.5   | 3.15    | 2.25    | 1.5  |
| M16x1,5                                 | -           |   |       |     |       |         |         |       |         |         |      |
| M18                                     | 3/4"-16UNF  | 6   | 2.3   | 12  | 4.6   | 3.22    | 2.3     | 2.3   | 4.83    | 3.45    | 2.3  |
| M20                                     | 3/4"-10UNC  |   |       |     |       |         |         |       |         |         |      |
| M20x2                                   | -           |   |       |     |       |         |         |       |         |         |      |
| M22                                     | 7/8"-9UNC   | 8   | 3.2   | 16  | 6.4   | 4.5     | 3.2     | 3.2   | 6.7     | 4.8     | 3.2  |
| M24                                     | 1"-8UNC     |   |       |     |       |         |         |       |         |         |      |
| M24x2                                   | 1 1/8"-8UN  | 12  | 4.5   | 24  | 9     | 6.3     | 4.5     | 4.5   | 9.5     | 6.75    | 4.5  |
| M27                                     | 1 1/8"-7UNC |   |       |     |       |         |         |       |         |         |      |
| M30                                     | 1 1/4"-8UN  |   |       |     |       |         |         |       |         |         |      |
| M30x2                                   | 1 1/4"-7UNC | 16  | 7     | 32  | 14    | 9.8     | 7       | 7     | 14.7    | 10.5    | 7    |
| M33                                     | -           |   |       |     |       |         |         |       |         |         |      |
| M36                                     | 1 1/2"-8UN  | 24  | 9     | 48  | 18    | 12.6    | 9       | 9     | 18.9    | 13.5    | 9    |
| M36x3                                   | 1 1/2"-6UNC |   |       |     |       |         |         |       |         |         |      |
| M42                                     | 1 3/4"-5UNC | 32  | 12    | 64  | 24    | 16.8    | 12      | 12    | 25.2    | 18      | 12   |
| M48                                     | 2"-4,5UNC   | 50  | 16    | 100 | 32    | 22.4    | 16      | 16    | 33.6    | 24      | 16   |
| M56                                     | -           | 60  | 20    | 120 | 40    | 28      | 20      | 20    | 42      | 30      | 20   |
| M64                                     | -           |   |       |     |       |         |         |       |         |         |      |
| <b>Safety factor 4:1</b>                |             | <b>for the max. total load weight &gt;G&lt; in lbs, tightened and adjusted to force direction</b>         |       |     |       |         |         |       |         |         |      |

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