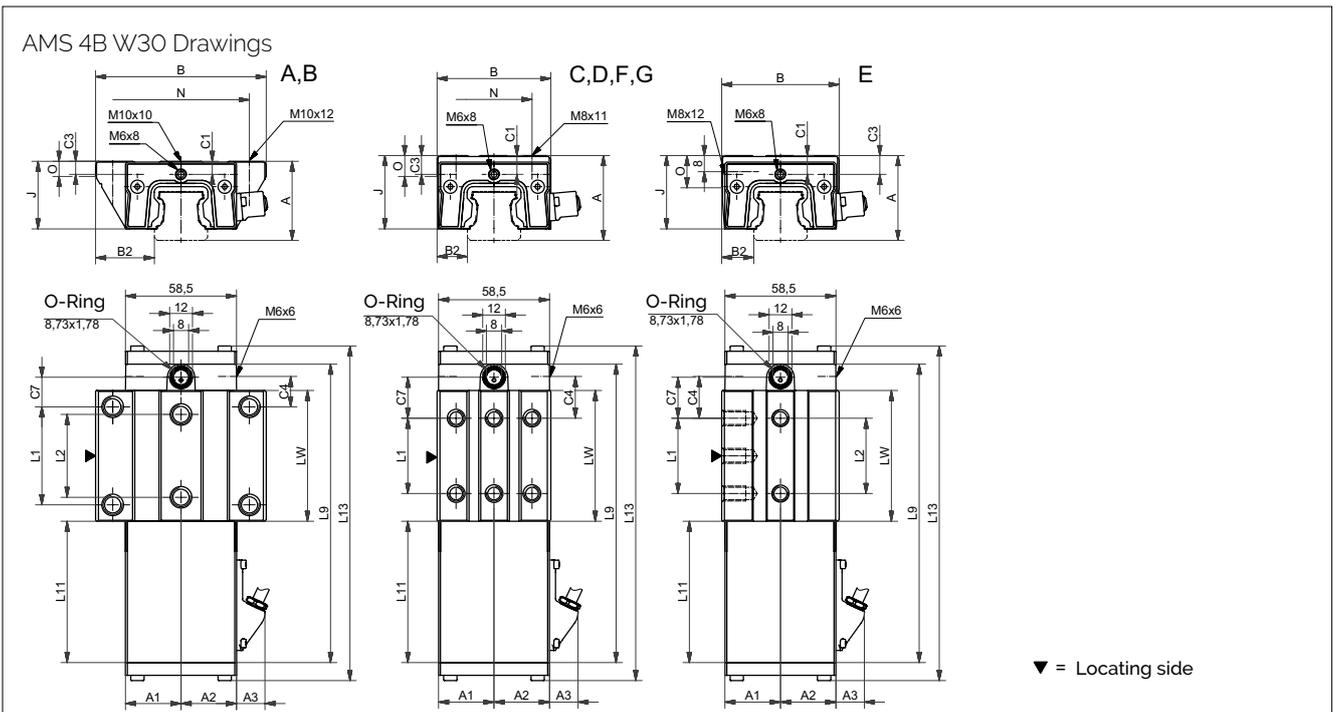
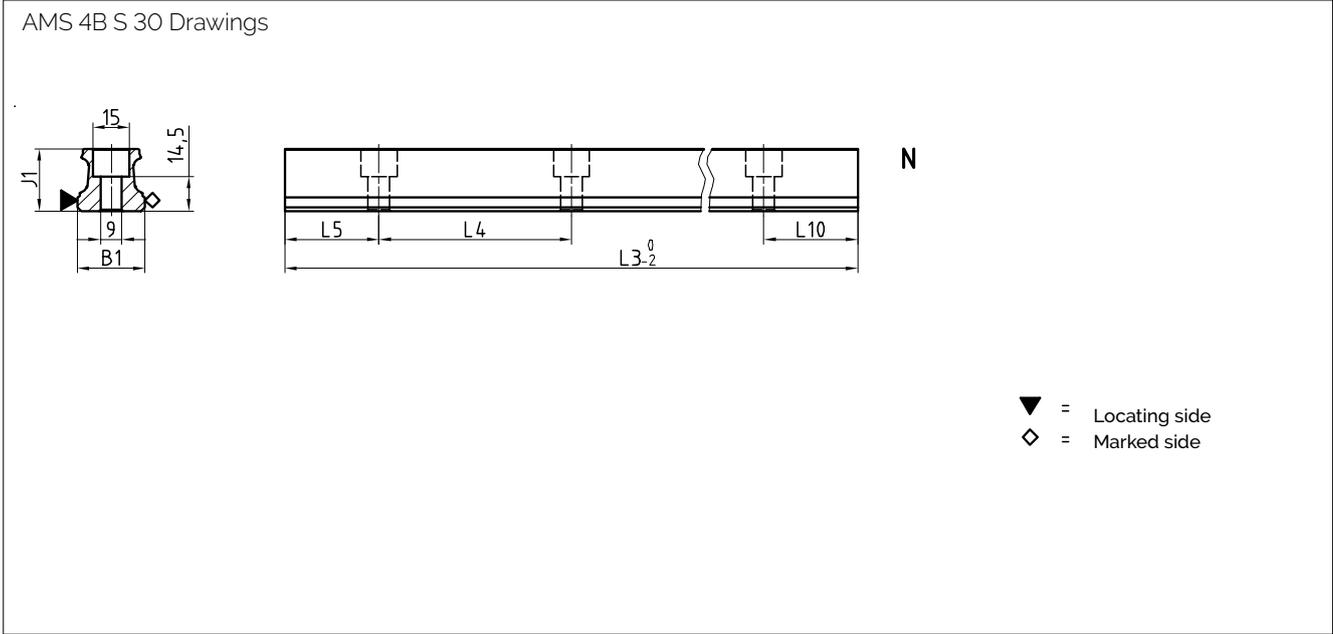
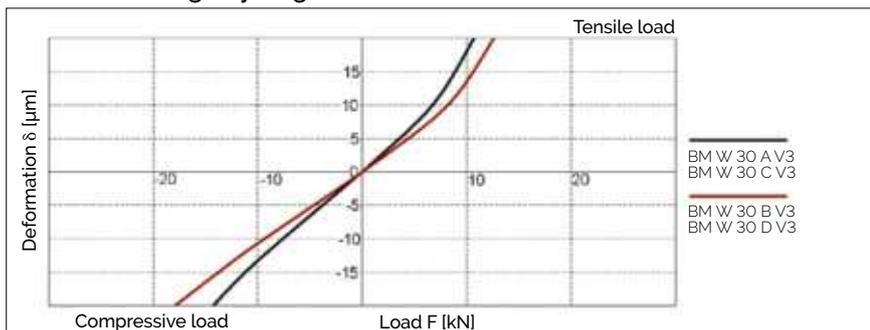


10.3 Technical data and options

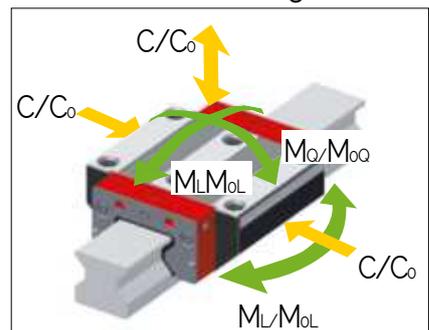
10.3.4 AMS 4B Size 30



AMS 4B W 30 Rigidity diagram



AMS 4B W 30 Load rating



### 10.3 Technical data and options

#### AMS 4B Size 30 Dimensions and capacities



|  | AMS 4B S 30-N |  |  |  |
|--|---------------|--|--|--|
| B1: Rail width                             | 28            |  |  |  |
| J1: Rail height                            | 26            |  |  |  |
| L3: Rail length max.                       | 6000          |  |  |  |
| L4: Spacing of fixing holes                | 80            |  |  |  |
| L5/L10: Position of first/last fixing hole | 38.5          |  |  |  |
| Rail weight, specific (kg/m)               | 4.3           |  |  |  |

#### Available options for AMS 4B S 30



|  | AMS 4B W 30-A | AMS 4B W 30-B | AMS 4B W 30-C | AMS 4B W 30-D | AMS 4B W 30-E | AMS 4B W 30-F | AMS 4B W 30-G |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| A: System height                               | 42            | 42            | 45            | 45            | 45            | 42            | 42            |
| A1: Half width of housing on opposite side     | 29.3          | 29.3          | 29.3          | 29.3          | 29.3          | 29.3          | 29.3          |
| A2: Half width of housing on reading head side | 29.3          | 29.3          | 29.3          | 29.3          | 29.3          | 29.3          | 29.3          |
| A3: Projection of reading head                 | 14.4          | 14.4          | 14.4          | 14.4          | 14.4          | 14.4          | 14.4          |
| B: Carriage width                              | 90            | 90            | 60            | 60            | 62            | 60            | 60            |
| B2: Distance between locating faces            | 31            | 31            | 16            | 16            | 17            | 16            | 16            |
| C1: Position of center front lube hole*        | 7             | 7             | 10            | 10            | 10            | 7             | 7             |
| C3: Position of lateral lube hole              | 6             | 6             | 9             | 9             | 9             | 6             | 6             |
| C4: Position of lateral lube hole              | 16.2          | 27.2          | 22.2          | 23.2          | 22.2          | 22.2          | 23.2          |
| C7: Position of top lube hole                  | 15.7          | 26.7          | 21.7          | 22.7          | 21.7          | 21.7          | 22.7          |
| J: Carriage height                             | 35.9          | 35.9          | 38.9          | 38.9          | 38.9          | 35.9          | 35.9          |
| L1: Exterior fixing hole spacing               | 52            | 52            | 40            | 60            | 40            | 40            | 60            |
| L2: Interior fixing hole spacing               | 44            | 44            | -             | -             | 40            | -             | -             |
| L9: Carriage length with housing               | 158.4         | 180.4         | 158.4         | 180.4         | 158.4         | 158.4         | 180.4         |
| L11: Housing length                            | 75            | 75            | 75            | 75            | 75            | 75            | 75            |
| L13: Total length measuring carriage           | 178           | 200           | 178           | 200           | 178           | 178           | 200           |
| Lw: Inner carriage body length                 | 69.4          | 91.4          | 69.4          | 91.4          | 69.4          | 69.4          | 91.4          |
| N: Lateral fixing hole spacing                 | 72            | 72            | 40            | 40            | -             | 40            | 40            |
| O: Reference face height                       | 8             | 8             | 11            | 11            | 17            | 8             | 8             |
| <b>Capacities and weights</b>                  |               |               |               |               |               |               |               |
| C0: Static load capacity (N)                   | 63700         | 83300         | 63700         | 83300         | 63700         | 63700         | 83300         |
| C100: Dynamic load capacity (N)                | 29200         | 35300         | 29200         | 35300         | 29200         | 29200         | 35300         |
| MOQ: Static cross moment capacity (Nm)         | 1084          | 1414          | 1084          | 1414          | 1084          | 1084          | 1414          |
| MOL: Static longitud. moment capacity (Nm)     | 829           | 1390          | 829           | 1390          | 829           | 829           | 1390          |
| MQ: Dyn. cross moment capacity (Nm)            | 497           | 599           | 497           | 599           | 497           | 497           | 599           |
| ML: Dyn. longitud. moment capacity (Nm)        | 380           | 589           | 380           | 589           | 380           | 380           | 589           |
| Carriage weight (kg)                           | 1.8           | 2.2           | 1.7           | 1.9           | 1.7           | 1.6           | 1.8           |

#### Available options for AMS 4B W 30

