

# Linear Guideways

## EG/QE series

### 3.2.10 Dimensions of the EG rail

The EG rails are used for both the EG and QE blocks.

#### 3.2.10.2 Dimensions of EGR\_U (large mounting holes)

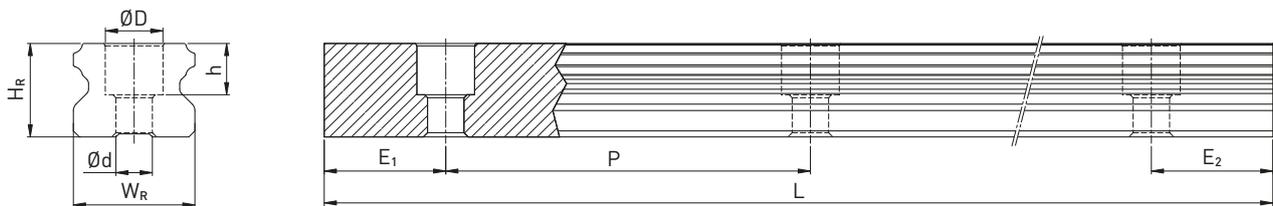


Table 3.30 Dimensions of rail EGR\_U

| Series/<br>size | Assembly screw<br>for rail [mm] | Dimensions of rail [mm] |       |      |      |     |    | Max. length<br>[mm] | Max. length<br>$E_1 = E_2$ [mm] | Min. length<br>[mm] | $E_{1/2}$ min<br>[mm] | $E_{1/2}$ max<br>[mm] | Weight<br>[kg/m] |
|-----------------|---------------------------------|-------------------------|-------|------|------|-----|----|---------------------|---------------------------------|---------------------|-----------------------|-----------------------|------------------|
|                 |                                 | $W_R$                   | $H_R$ | D    | h    | d   | P  |                     |                                 |                     |                       |                       |                  |
| EGR15U          | M4 × 16                         | 15                      | 12.5  | 7.5  | 5.3  | 4.5 | 60 | 4,000               | 3,900                           | 132                 | 6                     | 54                    | 1.23             |
| EGR30U          | M8 × 30                         | 28                      | 23.0  | 14.0 | 12.0 | 9.0 | 80 | 4,000               | 3,920                           | 178                 | 9                     | 71                    | 4.23             |

Note:

1. The tolerance for E is +0.5 to - 1 mm for standard rails and 0 to -0.3 mm for joints.
2. If the  $E_{1/2}$  dimensions are not indicated, the maximum possible number of mounting holes will be determined under consideration of  $E_{1/2}$  min.
3. The rails are shortened to the required length. If the  $E_{1/2}$  dimensions are not indicated, these will be carried out symmetrically.