

### 1.5.11 Dimensions of the MG rail

#### 1.5.11.1 Dimensions MGN\_R

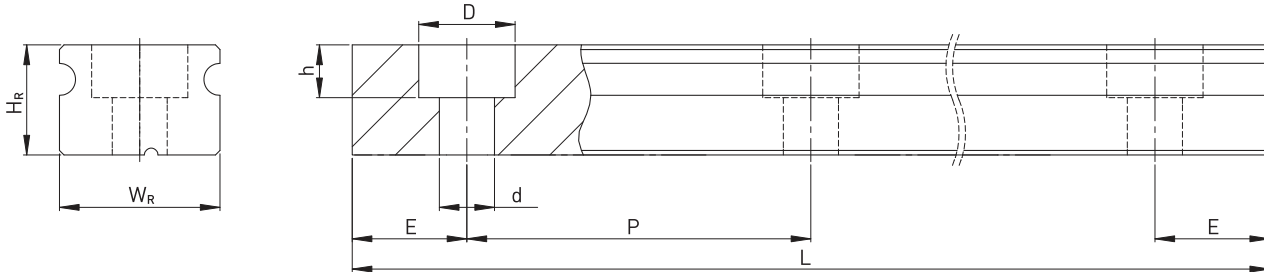


Table 1.68 Dimensions of the rail MGN\_R

| Series<br>Size | Screws<br>for rail [mm] | Dimensions of the rail [mm] |       |     |     |     |      | Max. length<br>[mm] | Max. length<br>$E_1 = E_2$ | $E_{1/2}$ min<br>[mm] | $E_{1/2}$ max<br>[mm] | Mass<br>[kg/m] |
|----------------|-------------------------|-----------------------------|-------|-----|-----|-----|------|---------------------|----------------------------|-----------------------|-----------------------|----------------|
|                |                         | $W_R$                       | $H_R$ | $D$ | $h$ | $d$ | $P$  |                     |                            |                       |                       |                |
| MGNR07R        | M2 × 6                  | 7                           | 4,8   | 4,2 | 2,3 | 2,4 | 15,0 | 600                 | 585                        | 5                     | 10                    | 0,22           |
| MGNR09R        | M3 × 8                  | 9                           | 6,5   | 6,0 | 3,5 | 3,5 | 20,0 | 1200                | 1180                       | 5                     | 15                    | 0,38           |
| MGNR12R        | M3 × 8                  | 12                          | 8,0   | 6,0 | 4,5 | 3,5 | 25,0 | 2000                | 1975                       | 5                     | 20                    | 0,65           |
| MGNR15R        | M3 × 10                 | 15                          | 10,0  | 6,0 | 4,5 | 3,5 | 40,0 | 2000                | 1960                       | 6                     | 34                    | 1,06           |

#### 1.5.11.2 Dimensions MGW\_R

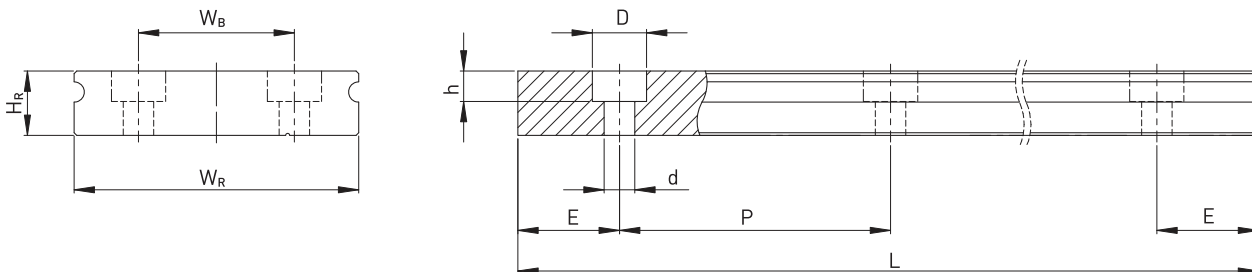


Table 1.69 Dimensions of the rail MGW\_R

| Series<br>Size | Screws<br>for rail [mm] | Dimensions of the rail [mm] |       |       |     |     |     |     | Max. length<br>[mm] | Max. length<br>$E_1 = E_2$ [mm] | $E_{1/2}$ min<br>[mm] | $E_{1/2}$ max<br>[mm] | Mass<br>[kg/m] |
|----------------|-------------------------|-----------------------------|-------|-------|-----|-----|-----|-----|---------------------|---------------------------------|-----------------------|-----------------------|----------------|
|                |                         | $W_R$                       | $H_R$ | $W_B$ | $D$ | $h$ | $d$ | $P$ |                     |                                 |                       |                       |                |
| MGWR07R        | M3 × 6                  | 14                          | 5,2   | —     | 6,0 | 3,2 | 3,5 | 30  | 600                 | 570                             | 6                     | 24                    | 0,51           |
| MGWR09R        | M3 × 8                  | 18                          | 7,0   | —     | 6,0 | 4,5 | 3,5 | 30  | 1200                | 1170                            | 6                     | 24                    | 0,91           |
| MGWR12R        | M4 × 8                  | 24                          | 8,5   | —     | 8,0 | 4,5 | 4,5 | 40  | 2000                | 1960                            | 8                     | 32                    | 1,49           |
| MGWR15R        | M4 × 10                 | 42                          | 9,5   | 23    | 8,0 | 4,5 | 4,5 | 40  | 2000                | 1960                            | 8                     | 32                    | 2,86           |

Note:

1. The tolerance for  $E$  is +0,5 to -1,0 mm for standard, for joint connections 0 to -0,3 mm
2. If no information is provided on the  $E_{1/2}$  dimensions, the maximum number of fixing holes is determined taking into account  $E_{1/2}$  min