

Linear Guideways

MG series

3.5.13 Dimensions of the MG rail

3.5.13.1 Dimensions of MGN_R

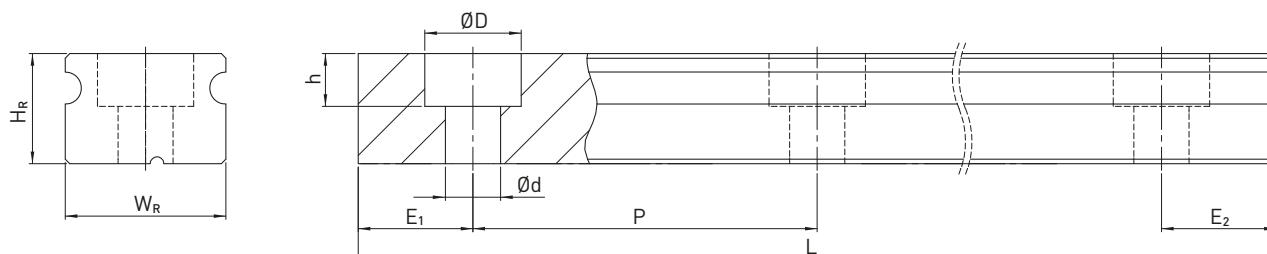


Table 3.90 Dimensions of rail MGN_R

| Series/ size | Assembly screw for rail [mm] | Dimensions of rail [mm] | | | | | | Max. length [mm] | Max. length $E_1 = E_2$ [mm] | Min. length [mm] | $E_{1/2}$ min [mm] | $E_{1/2}$ max [mm] | Weight [kg/m] |
|-----------------|---------------------------------|-------------------------|-------|-----|-----|-----|----|---------------------|---------------------------------|---------------------|-----------------------|-----------------------|------------------|
| | | W_R | H_R | D | h | d | P | | | | | | |
| MGNR05R | M2 × 8 | 5 | 3.6 | 3.6 | 0.8 | 2.4 | 15 | 250 | 225 | 38 | 4 | 11 | 0.15 |
| MGNR07R | M2 × 8 | 7 | 4.8 | 4.2 | 2.3 | 2.4 | 15 | 600 | 585 | 40 | 5 | 12 | 0.22 |
| MGNR09R | M3 × 10 | 9 | 6.5 | 6.0 | 3.5 | 3.5 | 20 | 1.200 | 1.180 | 50 | 5 | 15 | 0.38 |
| MGNR12R | M3 × 10 | 12 | 8.0 | 6.0 | 4.5 | 3.5 | 25 | 2.000 | 1.975 | 60 | 5 | 20 | 0.65 |
| MGNR15R | M3 × 12 | 15 | 10.0 | 6.0 | 4.5 | 3.5 | 40 | 2.000 | 1.960 | 92 | 6 | 34 | 1.06 |