

3.4.11 Dimensions of the MG rail

3.4.11.1 Dimensions of MGN_R

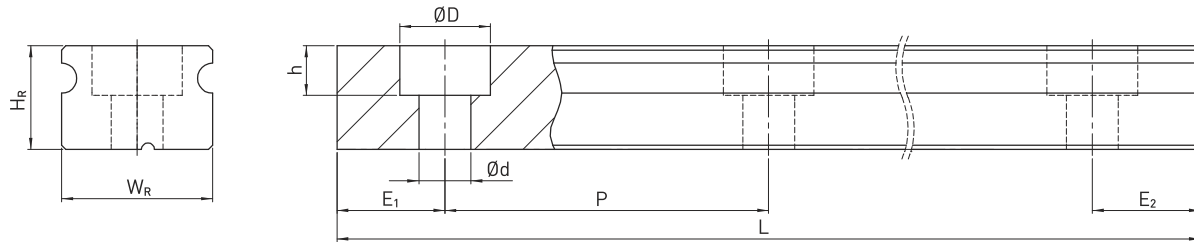


Table 3.66 Dimensions of rail MGN_R

Series/ size	Assembly screw for rail [mm]	Dimensions of rail [mm]						Max. length [mm]	Max. length $E_1 = E_2$ [mm]	$E_{1/2}$ min [mm]	$E_{1/2}$ max [mm]	Weight [kg/m]
		W_R	H_R	D	h	d	P					
MGNR07R	M2 × 6	7	4.8	4.2	2.3	2.4	15	600	585	5	12	0.22
MGNR09R	M3 × 8	9	6.5	6.0	3.5	3.5	20	1,200	1,180	5	15	0.38
MGNR12R	M3 × 8	12	8.0	6.0	4.5	3.5	25	2,000	1,975	5	20	0.65
MGNR15R	M3 × 10	15	10.0	6.0	4.5	3.5	40	2,000	1,960	6	34	1.06

3.4.11.2 Dimensions of MGW_R

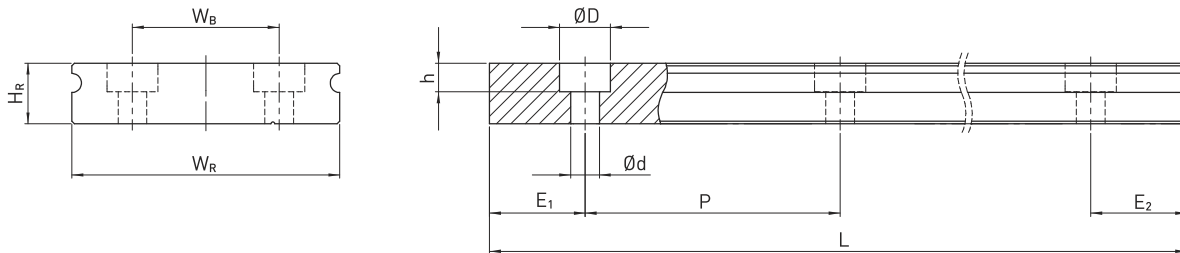


Table 3.67 Dimensions of rail MGW_R

Series/ size	Screws for rail [mm]	Dimensions of the rail [mm]							Max. length [mm]	Max. length $E_1 = E_2$ [mm]	$E_{1/2}$ min [mm]	$E_{1/2}$ max [mm]	Weight [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	1,200	1,170	6	24	0.91
MGWR12R	M4 × 8	24	8.5	—	8.0	4.5	4.5	40	2,000	1,960	8	32	1.49
MGWR15R	M4 × 10	42	9.5	23	8.0	4.5	4.5	40	2,000	1,960	8	32	2.86

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