

3.7.13 Dimensions of the MG profile rail

3.7.13.1 Dimensions MGN_R

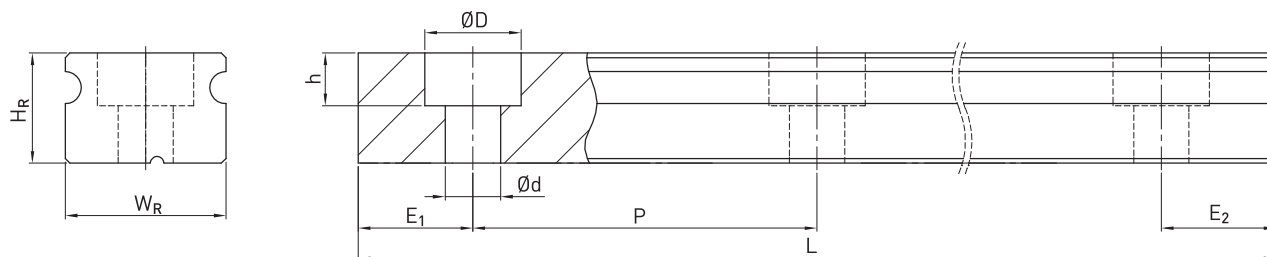


Table 3.114 Dimensions of profile rail MGN_R

Series/size	Assembly screw for rail [mm]	Dimensions of the 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						
MGNR02R	M1	2	2,0		M1		8	250	240	12	2	6	0,03
MGNR03R	M1,6	3	2,6		M1,6		10	250	240	14	2	8	0,05
MGNR05R	M2 × 6 ¹⁾	5	3,6	3,6	0,8	2,4	15	250	225	23	4	11	0,15
MGNR07R	M2 × 8	7	4,8	4,2	2,3	2,4	15	600	585	25	5	12	0,22
MGNR09R	M3 × 10	9	6,5	6,0	3,5	3,5	20	1,200	1,180	30	5	15	0,38
MGNR12R	M3 × 10	12	8,0	6,0	4,5	3,5	25	2,000	1,975	35	5	20	0,65
MGNR15R	M3 × 12	15	10,0	6,0	4,5	3,5	40	2,000	1,960	52	6	34	1,06

¹⁾ Special screw (M2 × 0,4 × 6) included.

3.7.13.2 Dimensions MGW_R

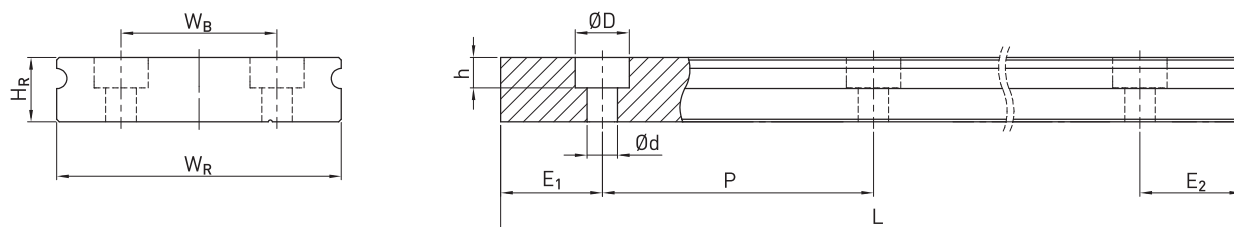


Table 3.115 Dimensions of profile rail MGW_R

Series/size	Assembly screw for rail [mm]	Dimensions of the 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	W_B	D	h	d	P						
MGWR02R	M1,6 × 4,4 ²⁾	4	2,6	—	2,8	1,0	1,8	10	250	240	16	3	7	0,70
MGWR03R	M2 × 6 ³⁾	6	2,9	—	3,6	1,5	2,4	15	250	225	23	4	11	0,13
MGWR05R	M2,5 × 7 ⁴⁾	10	4,0	—	5,5	1,6	3,0	20	250	220	30	5	11	0,34
MGWR07R	M3 × 8	14	5,2	—	6,0	3,2	3,5	30	600	570	40	5	24	0,51
MGWR09R	M3 × 10	18	7,0	—	6,0	4,5	3,5	30	2,000	1,950	40	5	24	0,91
MGWR12R	M4 × 12	24	8,5	—	8,0	4,5	4,5	40	2,000	1,960	52	6	32	1,49
MGWR15R	M4 × 16	42	9,5	23	8,0	4,5	4,5	40	2,000	1,960	52	6	32	2,86

²⁾ Special screw (M1,6 × 0,35 × 4,4) included.

³⁾ Special screw (M2 × 0,4 × 6) included.

⁴⁾ Special screw (M2,5 × 0,45 × 7) included.

Note:

1. The tolerance for E is +0,5 to -1 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 mounting holes is determined taking into account $E_{1/2}$ min.
3. The rails are shortened to the desired length. If no information on the $E_{1/2}$ dimensions is provided, then the rails are manufactured symmetrically.