

### 1.7.10 Dimensions of the RG rail

The RG rail is used for the RG as well as for the QR blocks.

#### 1.7.10.1 Dimensions RGR\_R

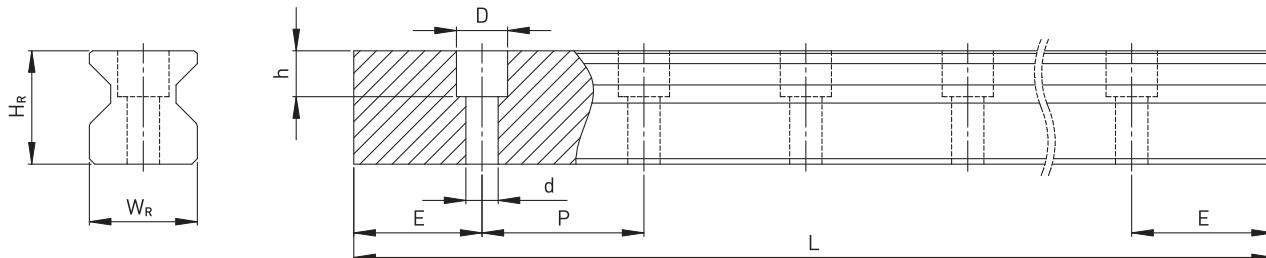


Table 1.110 Dimensions of the rail RGR\_R

Series Size	Screws for rail [mm]	Dimensions of the rail [mm]						Max. length [mm]	Max. length $E_1 = E_2$	$E_{1/2}$ min [mm]	$E_{1/2}$ max [mm]	Mass [kg/m]
		$W_R$	$H_R$	D	h	d	P					
RGR25R	M6 × 20	23	23,6	11,0	9,0	7,0	30,0	4000	3960	8	22	3,08
RGR30R	M8 × 25	28	28,0	14,0	12,0	9,0	40,0	4000	3920	9	31	4,41
RGR35R	M8 × 25	34	30,2	14,0	12,0	9,0	40,0	4000	3920	9	31	6,06
RGR45R	M12 × 35	45	38,0	20,0	17,0	14,0	52,5	4000	3937,5	12	40,5	9,97
RGR55R	M14 × 45	53	44,0	23,0	20,0	16,0	60,0	4000	3900	14	46	13,98
RGR65R	M16 × 50	63	53,0	26,0	22,0	18,0	75,0	4000	3900	15	60	20,22

#### 1.7.10.2 Dimensions RGR\_T (rail mounting from below)

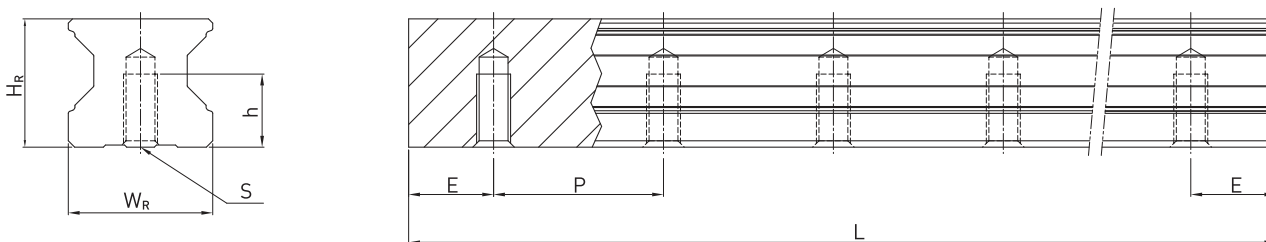


Table 1.111 Dimensions of the rail RGR\_T

Series Size	Dimensions of the rail [mm]					Max. length [mm]	Max. length $E_1 = E_2$	$E_{1/2}$ min [mm]	$E_{1/2}$ max [mm]	Mass [kg/m]
	$W_R$	$H_R$	S	h	P					
RGR25T	23	23,6	M6	12,0	30,0	4000	3960	8	22	3,36
RGR30T	28	28,0	M8	15,0	40,0	4000	3920	9	31	4,82
RGR35T	34	30,2	M8	17,0	40,0	4000	3920	9	31	6,48
RGR45T	45	38,0	M12	24,0	52,5	4000	3937,5	12	40,5	10,83
RGR55T	53	44,0	M14	24,0	60,0	4000	3900	14	46	15,15
RGR65T	63	53,0	M20	30,0	75,0	4000	3900	15	60	21,24

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 fixing 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.