

# Linear Guideways

## CG series

### 3.3.10 Dimensions of the CG rail

#### 3.3.10.2 Dimensions of rail CGR\_T



Table 3.51 Dimensions of rail CGR\_T

Series/ size	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]
	$W_R$	$H_R$	$S$	$h$	$P$						
CGR15T	15	16.20	M5	8	60	4.000	3.900	132	6	54	1.58
CGR20T	20	20.55	M6	10	60	4.000	3.900	134	7	53	2.48
CGR25T	23	24.25	M6	12	60	4.000	3.900	136	8	52	3.38
CGR30T	28	28.35	M8	15	80	4.000	3.920	178	9	71	5.10
CGR35T	34	31.85	M8	17	80	4.000	3.920	178	9	71	7.14
CGR45T	45	39.85	M12	24	105	4.000	3.885	234	12	93	11.51

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.