

Linear Guideways

HG/QH series

3.1.10 Dimensions of the HG rail

The HG rails are used for both the HG and QH blocks.

3.1.10.1 Dimensions of HGR_R

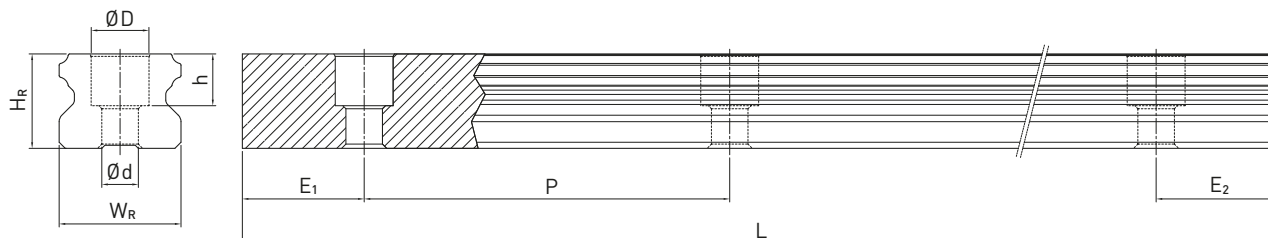


Table 3.9 Dimensions of rail HGR_R

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						
HGR15R	M4 × 20	15	15.0	7.5	5.3	4.5	60	4.000	3.900	132	6	54	1.45
HGR20R	M5 × 20	20	17.5	9.5	8.5	6.0	60	4.000	3.900	134	7	53	2.21
HGR25R	M6 × 25	23	22.0	11.0	9.0	7.0	60	4.000	3.900	136	8	52	3.21
HGR30R	M8 × 30	28	26.0	14.0	12.0	9.0	80	4.000	3.920	178	9	71	4.47
HGR35R	M8 × 35	34	29.0	14.0	12.0	9.0	80	4.000	3.920	178	9	71	6.30
HGR45R	M12 × 45	45	38.0	20.0	17.0	14.0	105	4.000	3.885	234	12	93	10.41
HGR55R	M14 × 55	53	44.0	23.0	20.0	16.0	120	4.000	3.840	268	14	106	15.08
HGR65R	M16 × 65	63	53.0	26.0	22.0	18.0	150	4.000	3.750	330	15	135	21.18