

# Assembly instructions

Linear guideway

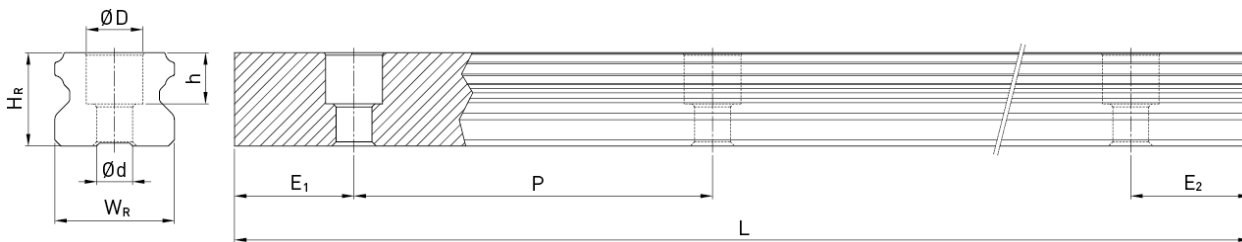
GW-05-06-EN-2302-MA

## 12.4 Technical data of profile rails

### 12.4.1 Dimensions of profile rails HG

Profile rail HG is used for both blocks HG and QH.

#### HGR\_R



Dimensions of profile rail HGR\_R

Series/ Size	Mounting bolt for rail [mm]	Dimensions of the profile 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	4,000/5,600 <sup>1)</sup>	3,900/5,520 <sup>1)</sup>	134	7	53	2.21
HGR25R	M6 × 25	23	22.0	11.0	9.0	7.0	60	4,000/5,600 <sup>1)</sup>	3,900/5,520 <sup>1)</sup>	136	8	52	3.21
HGR30R	M8 × 30	28	26.0	14.0	12.0	9.0	80	4,000/5,600 <sup>1)</sup>	3,900/5,520 <sup>1)</sup>	178	9	71	4.47
HGR35R	M8 × 35	34	29.0	14.0	12.0	9.0	80	4,000/5,600 <sup>1)</sup>	3,900/5,520 <sup>1)</sup>	178	9	71	6.30
HGR45R	M12 × 45	45	38.0	20.0	17.0	14.0	105	4,000/5,600 <sup>1)</sup>	3,885/5,460 <sup>1)</sup>	234	12	93	10.41
HGR55R	M14 × 55	53	44.0	23.0	20.0	16.0	120	4,000/5,600 <sup>1)</sup>	3,840/5,440 <sup>1)</sup>	268	14	106	15.08
HGR65R	M16 × 65	63	53.0	26.0	22.0	18.0	150	4,000/5,600 <sup>1)</sup>	3,750/5,350 <sup>1)</sup>	330	15	135	21.18

<sup>1)</sup> Optional type on request