

Assembly instructions

Linear guideway

GW-05-06-EN-2302-MA

3 Product description

3.1 Order code of the linear guideways

3.1.1 Order number of block (not assembled)

Number	1	2	3	4	5	6	7	8	9
Order code	HG	W	25	C	C	Z0	H	ZZ	E2
1	HG	Series							
2	W	Type: W: Flange block H: High square block L: Low square block							
3	25	Size							
4	C	Load type: S: Medium load C: Heavy load H: Super heavy load							
5	C	Block fastening: A: From above C: From above or below							
6	Z0	Preload ID: Z0, ZA, ZB							
7	H	Accuracy class: C, H, P, SP, UP							
8	ZZ	Dust protection: None: Standard (SS) SSL, ZZ, ZZX, DD, KK, KXX, SW, ZW, ZWX							
9	E2	None: Standard E2: Long-term lubrication unit							

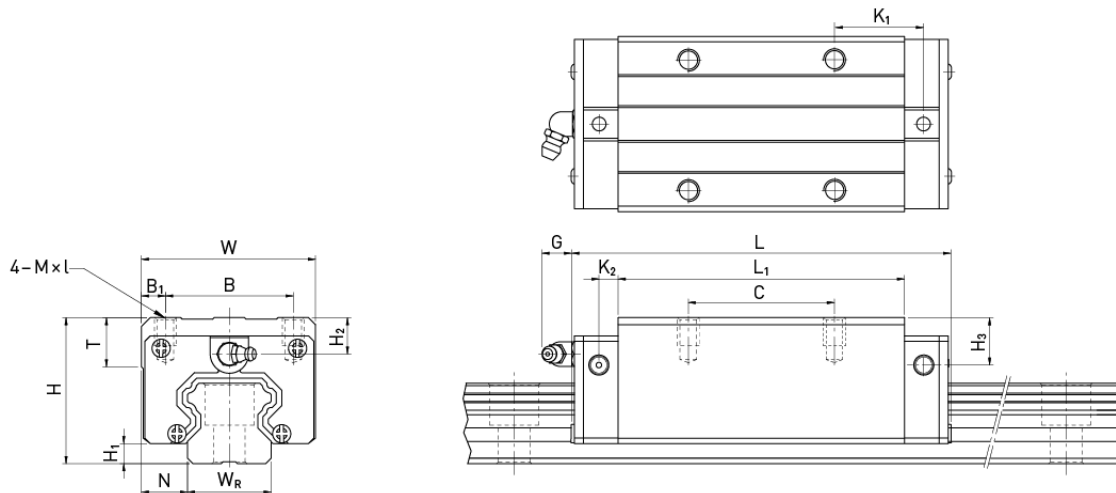
3.1.2 Order number of profile rail (not assembled)

Number	1	2	3	4	5	6
Order code	HG	R	25	R	1200	H
1	HG	Series				
2	R	Profile rail				
3	25	Size				
4	R	Rail mounting: R: From above T: From below				
5	1,200	Length of rail [mm]				
6	H	Accuracy class: C, H, P				

12.3 Technical data of block

12.3.1 Dimensions of the HG/QH blocks

HGH/QHH



Dimensions of the block

Series/ Size	Installation dimensions [mm]			Dimensions of the block [mm]													Load ratings [N]		Weight (kg)
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M × l	T	H ₂	H ₃	C _{dyn}	C ₀	
HGH15CA	28	4.3	9.5	34	26	4.0	26	39.4	61.4	10.00	4.85	5.3	M4 × 5	6.0	7.95	7.7	11,380	16,970	0.18
QHH15CA	28	4.0	9.5	34	26	4.0	26	39.4	61.4	10.00	5.00	5.3	M4 × 5	6.0	7.95	8.2	13,880	14,360	0.18
HGH20CA	30	4.6	12.0	44	32	6.0	36	50.5	77.5	12.25	6.00	12.0	M5 × 6	8.0	6.00	6.0	17,750	27,760	0.30
HGH20HA							50	65.2	92.2	12.60									
QHH20CA	30	4.6	12.0	44	32	6.0	36	50.5	76.7	11.75	6.00	12.0	M5 × 6	8.0	6.00	6.0	23,080	25,630	0.29
QHH20HA							50	65.2	91.4	12.10									
HGH25CA	40	5.5	12.5	48	35	6.5	35	58.0	84.0	15.70	6.00	12.0	M6 × 8	8.0	10.00	9.0	26,480	36,490	0.51
HGH25HA							50	78.6	104.6	18.50									
QHH25CA	40	5.5	12.5	48	35	6.5	35	58.0	83.4	15.70	6.00	12.0	M6 × 8	8.0	10.00	9.0	31,780	33,680	0.50
QHH25HA							50	78.6	104.0	18.50									
HGH30CA	45	6.0	16.0	60	40	10.0	40	70.0	97.4 ¹⁾	20.25	6.00	12.0	M8 × 10	8.5	9.50	13.8	38,740	52,190	0.88
HGH30HA							60	93.0	120.4 ²⁾	21.75									
QHH30CA	45	6.0	16.0	60	40	10.0	40	70.0	97.4	19.50	6.25	12.0	M8 × 10	8.5	9.50	9.0	46,490	48,170	0.87
QHH30HA							60	93.0	120.4	21.75									
HGH35CA	55	7.5	18.0	70	50	10.0	50	80.0	112.4	20.60	7.00	12.0	M8 × 12	10.2	16.00	19.6	49,520	69,160	1.45
HGH35HA							72	105.8	138.2	22.50									
QHH35CA	55	7.5	18.0	70	50	10.0	50	80.0	113.6	19.00	7.50	12.0	M8 × 12	10.2	15.50	13.5	60,520	63,840	1.44
QHH35HA							72	105.8	139.4	20.90									
HGH45CA	70	9.5	20.5	86	60	13.0	60	97.0	139.4	23.00	10.00	12.9	M10 × 17	16.0	18.50	30.5	77,570	102,710	2.73
HGH45HA							80	128.8	171.2	28.90									