

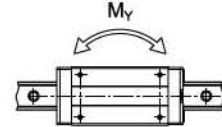
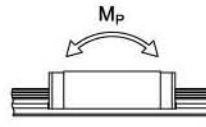
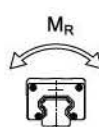
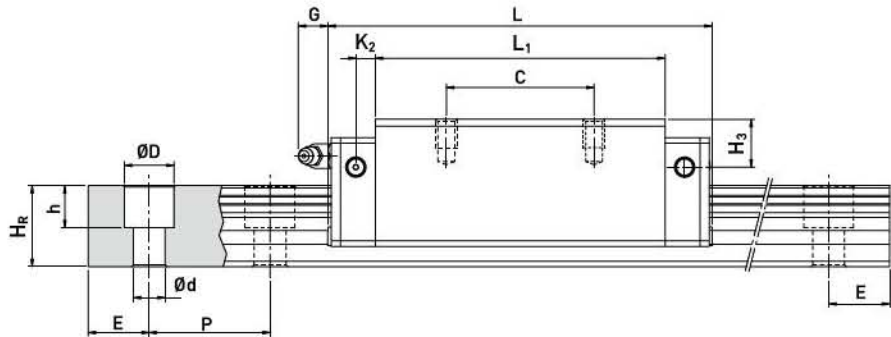
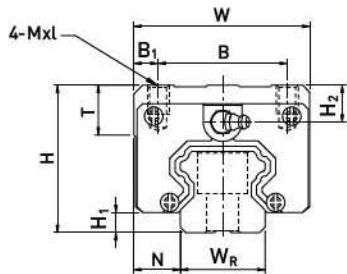
Linear Guideways

HG Series

HGH-----page1
 HGL-----page2
 HGW-----page3
 EGH-----page6
 EGW-----page7
 MGN-----page9
 MGW-----page10
 RGH-----page11
 RGW-----page12

2-1-13 Dimensions for HIWIN HG Series

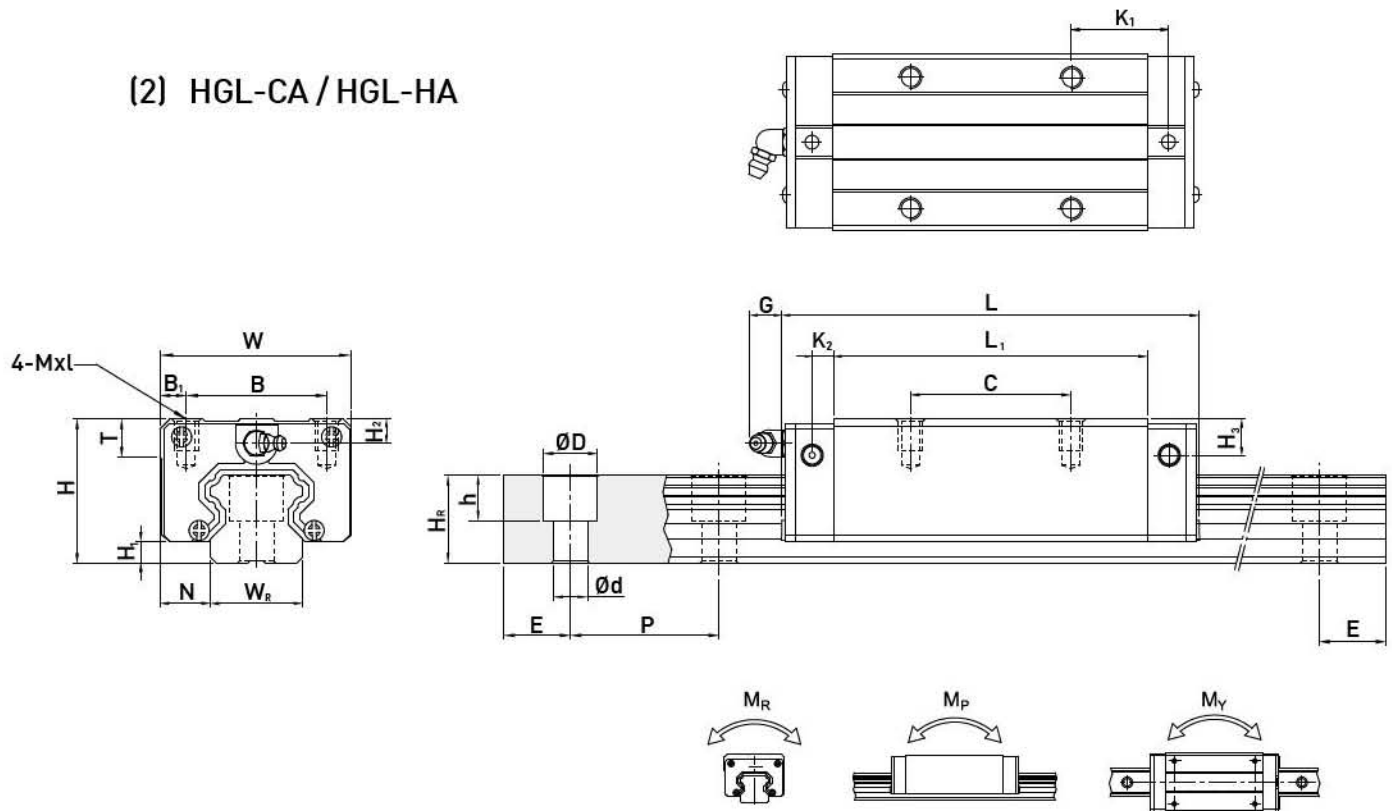
(1) HGH-CA / HGH-HA



Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)														Dimensions of Rail (mm)								Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	MxL	T	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C _s (kN)	M _R kN-m	M _P kN-m	M _Y kN-m	Block kg	Rail kg/m		
HGH15CA	28	4.3	9.5	34	26	4	26	39.4	61.4	10	4.85	5.3	M4x5	6	7.95	7.7	15	15	7.5	5.3	4.5	60	20	M4x16	11.38	16.97	0.12	0.10	0.10	0.18	1.45		
HGH20CA	30	4.6	12	44	32	6	36	50.5	77.5	12.25	6	12	M5x6	8	6	6	20	17.5	9.5	8.5	6	60	20	M5x16	17.75	27.76	0.27	0.20	0.20	0.30	2.21		
HGH20HA							50	65.2	92.2	12.6															21.18	35.90	0.35	0.35	0.35	0.39			
HGH25CA	40	5.5	12.5	48	35	6.5	35	58	84	15.7	6	12	M6x8	8	10	9	23	22	11	9	7	60	20	M6x20	26.48	36.49	0.42	0.33	0.33	0.51	3.21		
HGH25HA							50	78.6	104.6	18.5															32.75	49.44	0.56	0.57	0.57	0.69			
HGH30CA	45	6	16	60	40	10	40	70	97.4	20.25	6	12	M8x10	8.5	9.5	13.8	28	26	14	12	9	80	20	M8x25	38.74	52.19	0.66	0.53	0.53	0.88	4.47		
HGH30HA							60	93	120.4	21.75															47.27	69.16	0.88	0.92	0.92	1.16			
HGH35CA	55	7.5	18	70	50	10	50	80	112.4	20.6	7	12	M8x12	10.2	16	19.6	34	29	14	12	9	80	20	M8x25	49.52	69.16	1.16	0.81	0.81	1.45	6.30		
HGH35HA							72	105.8	138.2	22.5															60.21	91.63	1.54	1.40	1.40	1.92			
HGH45CA	70	9.5	20.5	86	60	13	60	97	139.4	23	10	12.9	M10x17	16	18.5	30.5	45	38	20	17	14	105	22.5	M12x35	77.57	102.71	1.98	1.55	1.55	2.73	10.41		
HGH45HA							80	128.8	171.2	28.9															94.54	136.46	2.63	2.68	2.68	3.61			
HGH55CA	80	13	23.5	100	75	12.5	75	117.7	166.7	27.35	11	12.9	M12x18	17.5	22	29	53	44	23	20	16	120	30	M14x45	114.44	148.33	3.69	2.64	2.64	4.17	15.08		
HGH55HA							95	155.8	204.8	36.4															139.35	196.20	4.88	4.57	4.57	5.49			
HGH65CA	90	15	31.5	126	76	25	70	144.2	200.2	43.1	14	12.9	M16x20	25	15	15	63	53	26	22	18	150	35	M16x50	163.63	215.33	6.65	4.27	4.27	7.00	21.18		
HGH65HA							120	203.6	259.6	47.8															208.36	303.13	9.38	7.38	7.38	9.82			

Note : 1 kgf = 9.81 N

(2) HGL-CA / HGL-HA



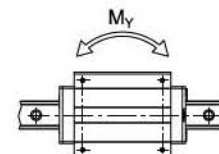
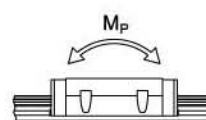
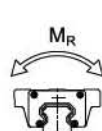
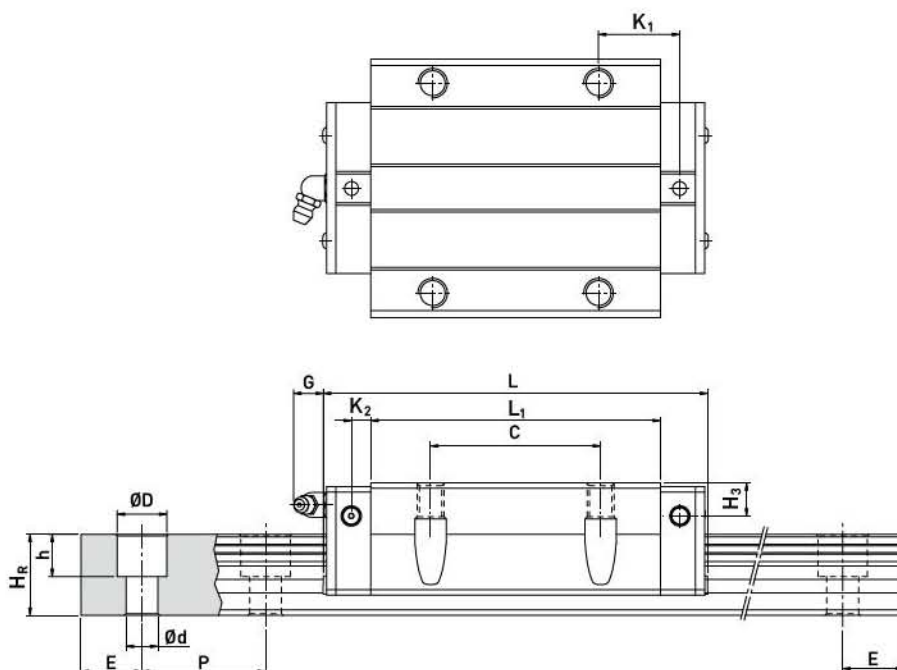
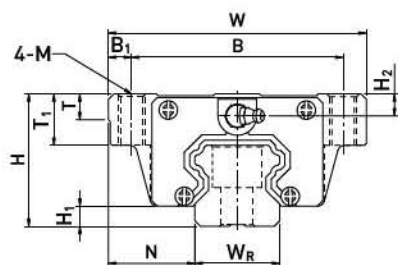
Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)														Dimensions of Rail (mm)						Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	MxI	T	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C _s (kN)	M _R kN-m	M _p kN-m	M _y kN-m	Block kg	Rail kg/m
HGL15CA	24	4.3	9.5	34	26	4	26	39.4	61.4	10	4.85	5.3	M4x4	6	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4x16	11.38	16.97	0.12	0.10	0.10	0.14	1.45
HGL25CA	36	5.5	12.5	48	35	6.5	35	58	84	15.7	6	12	M6x6	8	6	5	23	22	11	9	7	60	20	M6x20	26.48	36.49	0.42	0.33	0.33	0.42	3.21
HGL25HA							50	78.6	104.6	18.5															32.75	49.44	0.56	0.57	0.57	0.57	
HGL30CA	42	6	16	60	40	10	40	70	97.4	20.25	6	12	M8x10	8.5	6.5	10.8	28	26	14	12	9	80	20	M8x25	38.74	52.19	0.66	0.53	0.53	0.78	4.47
HGL30HA							60	93	120.4	21.75															47.27	69.16	0.88	0.92	0.92	1.03	
HGL35CA	48	7.5	18	70	50	10	50	80	112.4	20.6	7	12	M8x12	10.2	9	12.6	34	29	14	12	9	80	20	M8x25	49.52	69.16	1.16	0.81	0.81	1.14	6.30
HGL35HA							72	105.8	138.2	22.5															60.21	91.63	1.54	1.40	1.40	1.52	
HGL45CA	60	9.5	20.5	86	60	13	60	97	139.4	23	10	12.9	M10x17	16	8.5	20.5	45	38	20	17	14	105	22.5	M12x35	77.57	102.71	1.98	1.55	1.55	2.08	10.41
HGL45HA							80	128.8	171.2	28.9															94.54	136.46	2.63	2.68	2.68	2.75	
HGL55CA	70	13	23.5	100	75	12.5	75	117.7	166.7	27.35	11	12.9	M12x18	17.5	12	19	53	44	23	20	16	120	30	M14x45	114.44	148.33	3.69	2.64	2.64	3.25	15.08
HGL55HA							95	155.8	204.8	36.4															139.35	196.20	4.88	4.57	4.57	4.27	

Note : 1 kgf = 9.81 N

Linear Guideways

HG Series

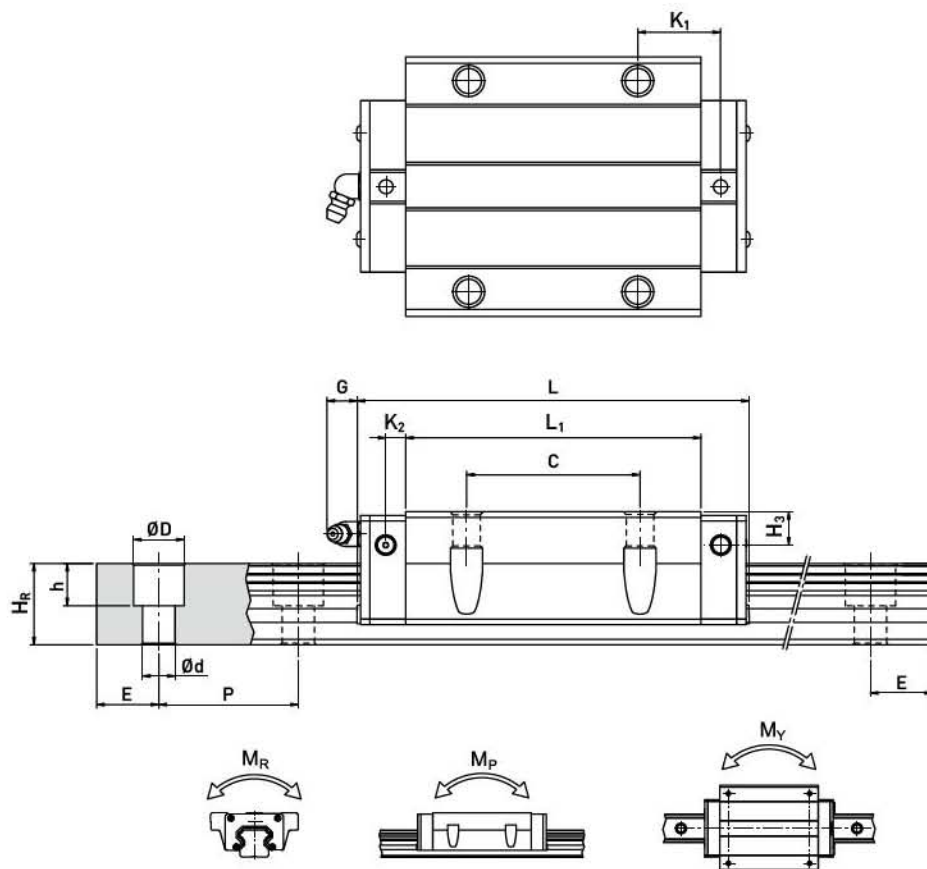
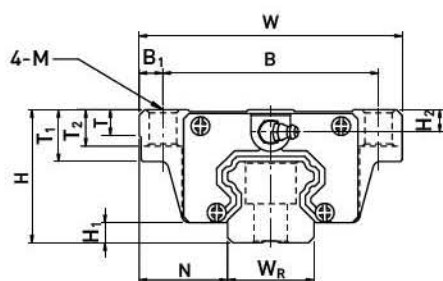
(3) HGW-CA / HGW-HA



Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)																		Dimensions of Rail (mm)						Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
																															M _R	M _P	M _V	Block	Rail
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M	T	T ₁	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C ₀ (kN)	kN·m	kN·m	kN·m	kg	kg/m			
HGW15CA	24	4.3	16	47	38	4.5	30	39.4	61.4	8	4.85	5.3	M5	6	8.9	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4x16	11.38	16.97	0.12	0.10	0.10	0.17	1.45			
HGW20CA	30	4.6	21.5	63	53	5	40	50.5	77.5	10.25	6	12	M6	8	10	6	6	20	17.5	9.5	8.5	6	60	20	M5x16	17.75	27.76	0.27	0.20	0.20	0.40	2.21			
HGW20HA								65.2	92.2	17.6																21.18	35.90	0.35	0.35	0.35	0.52				
HGW25CA	36	5.5	23.5	70	57	6.5	45	58	84	10.7	6	12	M8	8	14	6	5	23	22	11	9	7	60	20	M6x20	26.48	36.49	0.42	0.33	0.33	0.59	3.21			
HGW25HA								78.6	104.6	21																32.75	49.44	0.56	0.57	0.57	0.80				
HGW30CA	42	6	31	90	72	9	52	70	97.4	14.25	6	12	M10	8.5	16	6.5	10.8	28	26	14	12	9	80	20	M8x25	38.74	52.19	0.66	0.53	0.53	1.09	4.47			
HGW30HA								93	120.4	25.75																47.27	69.16	0.88	0.92	0.92	1.44				
HGW35CA	48	7.5	33	100	82	9	62	80	112.4	14.6	7	12	M10	10.1	18	9	12.6	34	29	14	12	9	80	20	M8x25	49.52	69.16	1.16	0.81	0.81	1.56	6.30			
HGW35HA								105.8	138.2	27.5																60.21	91.63	1.54	1.40	1.40	2.06				
HGW45CA	60	9.5	37.5	120	100	10	80	97	139.4	13	10	12.9	M12	15.1	22	8.5	20.5	45	38	20	17	14	105	22.5	M12x35	77.57	102.71	1.98	1.55	1.55	2.79	10.41			
HGW45HA								128.8	171.2	28.9																94.54	136.46	2.63	2.68	2.68	3.69				
HGW55CA	70	13	43.5	140	116	12	95	117.7	166.7	17.35	11	12.9	M14	17.5	26.5	12	19	53	44	23	20	16	120	30	M14x45	114.44	148.33	3.69	2.64	2.64	4.52	15.08			
HGW55HA								155.8	204.8	36.4																139.35	196.20	4.88	4.57	4.57	5.96				
HGW65CA	90	15	53.5	170	142	14	110	144.2	200.2	23.1	14	12.9	M16	25	37.5	15	15	63	53	26	22	18	150	35	M16x50	163.63	215.33	6.65	4.27	4.27	9.17	21.18			
HGW65HA								203.6	259.6	52.8																208.36	303.13	9.38	7.38	7.38	12.89				

Note : 1 kgf = 9.81 N

(4) HGW-CB / HGW-HB



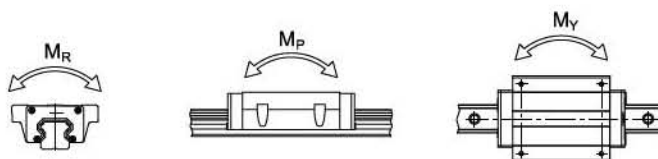
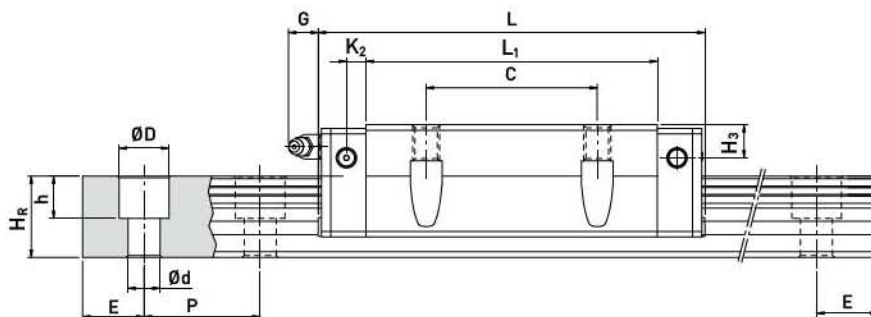
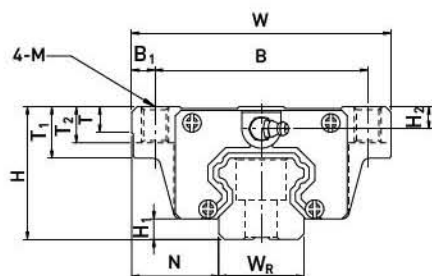
Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)															Dimensions of Rail (mm)							Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M	T	T ₁	T ₂	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C _s (kN)	M _R kN-m	M _P kN-m	M _Y kN-m	Block kg	Rail kg/m
HGW15CB	24	4.3	16	47	38	4.5	30	39.4	61.4	8	4.85	5.3	Ø4.5	6	8.9	6.95	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4x16	11.38	16.97	0.12	0.10	0.10	0.17	1.45
HGW20CB	30	4.6	21.5	63	53	5	40	50.5	77.5	10.25	6	12	Ø6	8	10	9.5	6	6	20	17.5	9.5	8.5	6	60	20	M5x16	17.75	27.76	0.27	0.20	0.20	0.40	2.21
HGW20HB								65.2	92.2	17.6																	21.18	35.90	0.35	0.35	0.35	0.52	
HGW25CB	36	5.5	23.5	70	57	6.5	45	58	84	10.7	6	12	Ø7	8	14	10	6	5	23	22	11	9	7	60	20	M6x20	26.48	36.49	0.42	0.33	0.33	0.59	3.21
HGW25HB								78.6	104.6	21																	32.75	49.44	0.56	0.57	0.57	0.80	
HGW30CB	42	6	31	90	72	9	52	70	97.4	14.25	6	12	Ø9	8.5	16	10	6.5	10.8	28	26	14	12	9	80	20	M8x25	38.74	52.19	0.66	0.53	0.53	1.09	4.47
HGW30HB								93	120.4	25.75																	47.27	69.16	0.88	0.92	0.92	1.44	
HGW35CB	48	7.5	33	100	82	9	62	80	112.4	14.6	7	12	Ø9	10.1	18	13	9	12.6	34	29	14	12	9	80	20	M8x25	49.52	69.16	1.16	0.81	0.81	1.56	6.30
HGW35HB								105.8	138.2	27.5																	60.21	91.63	1.54	1.40	1.40	2.06	
HGW45CB	60	9.5	37.5	120	100	10	80	97	139.4	13	10	12.9	Ø11	15.1	22	15	8.5	20.5	45	38	20	17	14	105	22.5	M12x35	77.57	102.71	1.98	1.55	1.55	2.79	10.41
HGW45HB								128.8	171.2	28.9																	94.54	136.46	2.63	2.68	2.68	3.69	
HGW55CB	70	13	43.5	140	116	12	95	117.7	166.7	17.35	11	12.9	Ø14	17.5	26.5	17	12	19	53	44	23	20	16	120	30	M14x45	114.44	148.33	3.69	2.64	2.64	4.52	15.08
HGW55HB								155.8	204.8	36.4																	139.35	196.20	4.88	4.57	4.57	5.96	
HGW65CB	90	15	53.5	170	142	14	110	144.2	200.2	23.1	14	12.9	Ø16	25	37.5	23	15	15	63	53	26	22	18	150	35	M16x50	163.63	215.33	6.65	4.27	4.27	9.17	21.18
HGW65HB								203.6	259.6	52.8																	208.36	303.13	9.38	7.38	7.38	12.89	

Note : 1 kgf = 9.81 N

Linear Guideways

HG Series

(5) HGW-CC / HGW-HC

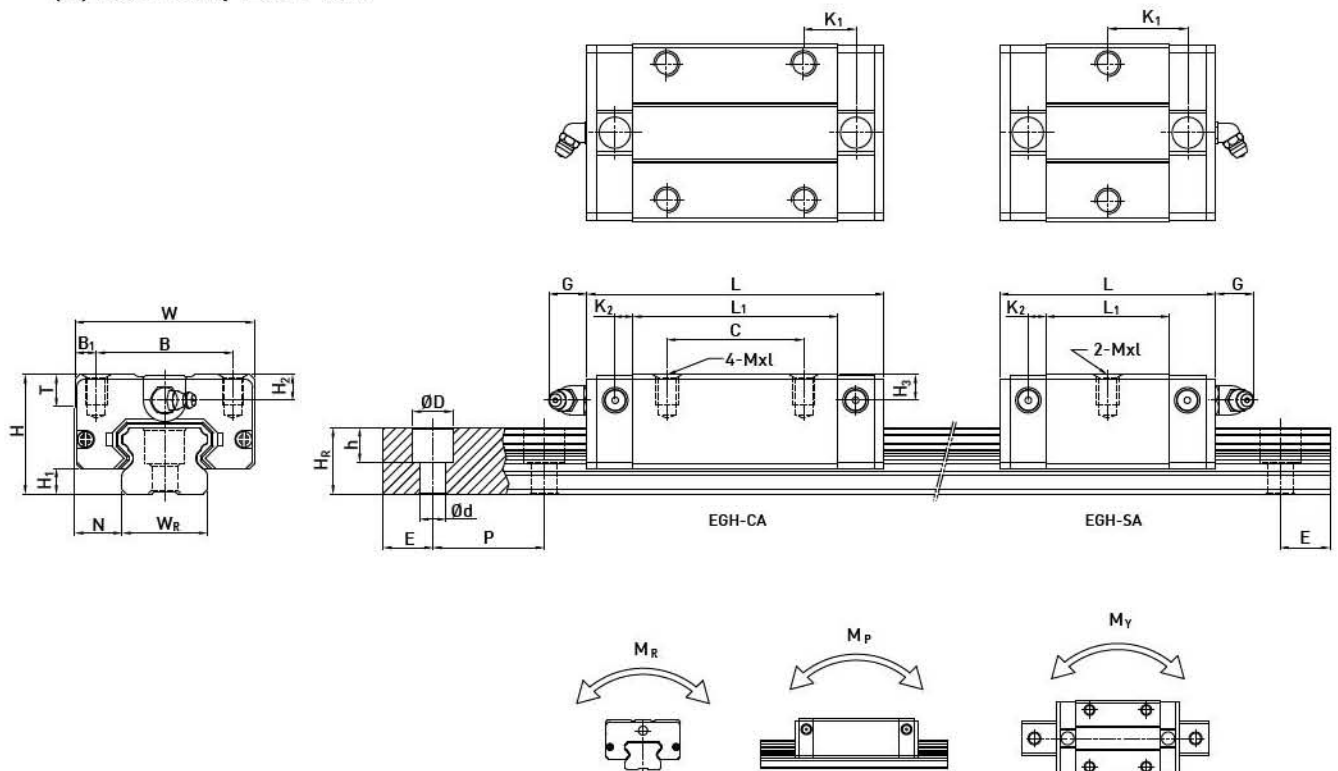


Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)																Dimensions of Rail (mm)								Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M	T	T ₁	T ₂	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C ₀ (kN)	M _R kN-m	M _P kN-m	M _Y kN-m	Block kg	Rail kg/m		
HGW15CC	24	4.3	16	47	38	4.5	30	39.4	61.4	8	4.85	5.3	M5	6	8.9	6.95	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4x16	11.38	16.97	0.12	0.10	0.10	0.17	1.45		
HGW20CC	30	4.6	21.5	63	53	5	40	50.5	77.5	10.25	6	12	M6	8	10	9.5	6	6	20	17.5	9.5	8.5	6	60	20	M5x16	17.75	27.76	0.27	0.20	0.20	0.40	2.21		
HGW20HC								65.2	92.2	17.6																	21.18	35.90	0.35	0.35	0.35	0.52			
HGW25CC	36	5.5	23.5	70	57	6.5	45	58	84	10.7	6	12	M8	8	14	10	6	5	23	22	11	9	7	60	20	M6x20	26.48	36.49	0.42	0.33	0.33	0.59	3.21		
HGW25HC								78.6	104.6	21																	32.75	49.44	0.56	0.57	0.57	0.80			
HGW30CC	42	6	31	90	72	9	52	70	97.4	14.25	6	12	M10	8.5	16	10	6.5	10.8	28	26	14	12	9	80	20	M8x25	38.74	52.19	0.66	0.53	0.53	1.09	4.47		
HGW30HC								93	120.4	25.75																	47.27	69.16	0.88	0.92	0.92	1.44			
HGW35CC	48	7.5	33	100	82	9	62	80	112.4	14.6	7	12	M10	10.1	18	13	9	12.6	34	29	14	12	9	80	20	M8x25	49.52	69.16	1.16	0.81	0.81	1.56	6.30		
HGW35HC								105.8	138.2	27.5																	60.21	91.63	1.54	1.40	1.40	2.06			
HGW45CC	60	9.5	37.5	120	100	10	80	97	139.4	13	10	12.9	M12	15.1	22	15	8.5	20.5	45	38	20	17	14	105	22.5	M12x35	77.57	102.71	1.98	1.55	1.55	2.79	10.41		
HGW45HC								128.8	171.2	28.9																	94.54	136.46	2.63	2.68	2.68	3.69			
HGW55CC	70	13	43.5	140	116	12	95	117.7	166.7	17.35	11	12.9	M14	17.5	26.5	17	12	19	53	44	23	20	16	120	30	M14x45	114.44	148.33	3.69	2.64	2.64	4.52	15.08		
HGW55HC								155.8	204.8	36.4																	139.35	196.20	4.88	4.57	4.57	5.96			
HGW65CC	90	15	53.5	170	142	14	110	144.2	200.2	23.1	14	12.9	M16	25	37.5	23	15	15	63	53	26	22	18	150	35	M16x50	163.63	215.33	6.65	4.27	4.27	9.17	21.18		
HGW65HC								203.6	259.6	52.8																	208.36	303.13	9.38	7.38	7.38	12.89			

Note : 1 kgf = 9.81 N

2-2-13 Dimensions for HIWIN EG Series

(1) EGH-SA / EGH-CA



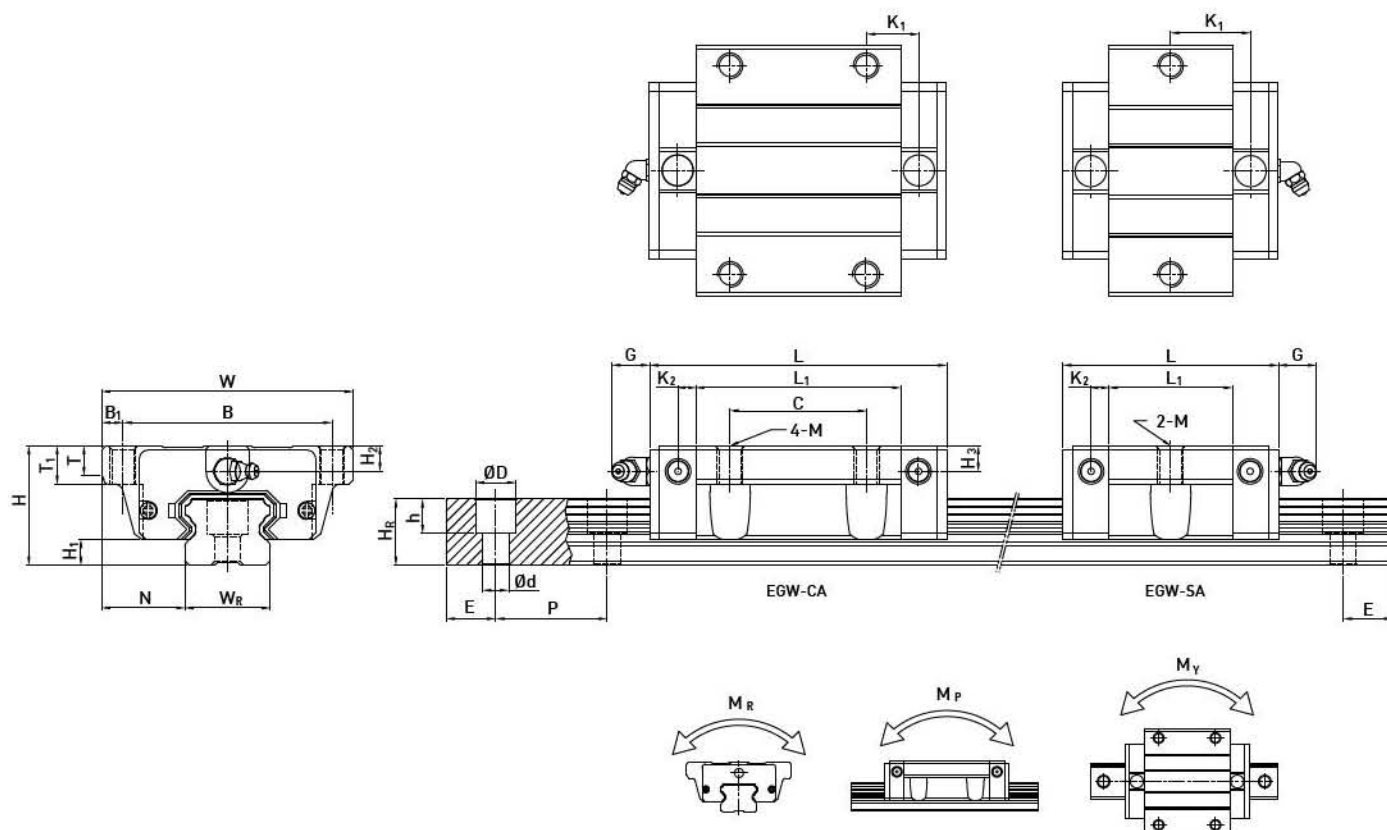
Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)													Dimensions of Rail (mm)							Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight		
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	MxL	T	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C ₁ (kN)	M _R	M _p	M _v	Block	Rail	
EGH15SA	24	4.5	9.5	34	26	4	-	23.1	40.1	14.8															5.35	9.40	0.08	0.04	0.04	0.09	1.25	
EGH15CA							26	39.8	56.8	10.15	3.5	5.7	M4x6	6	5.5	6	15	12.5	6	4.5	3.5	60	20	M3x16	7.83	16.19	0.13	0.10	0.10	0.15		
EGH20SA	28	6	11	42	32	5	-	29	50	18.75															7.23	12.74	0.13	0.06	0.06	0.15	2.08	
EGH20CA							32	48.1	69.1	12.3	4.15	12	M5x7	7.5	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	10.31	21.13	0.22	0.16	0.16	0.24		
EGH25SA	33	7	12.5	48	35	6.5	-	35.5	59.1	21.9															11.40	19.50	0.23	0.12	0.12	0.25	2.67	
EGH25CA							35	59	82.6	16.15	4.55	12	M6x9	8	8	8	23	18	11	9	7	60	20	M6x20	16.27	32.40	0.38	0.32	0.32	0.41		
EGH30SA	42	10	16	60	40	10	-	41.5	69.5	26.75															16.42	28.10	0.40	0.21	0.21	0.45	4.35	
EGH30CA							40	70.1	98.1	21.05	6	12	M8x12	9	8	9	28	23	11	9	7	80	20	M6x25	23.70	47.46	0.68	0.55	0.55	0.76		
EGH35SA	48	11	18	70	50	10	-	45	75	28.5															22.66	37.38	0.56	0.31	0.31	0.66	6.14	
EGH35CA							50	78	108	20	7	12	M8x12	10	8.5	8.5	34	27.5	14	12	9	80	20	M8x25	33.35	64.84	0.98	0.69	0.69	1.13		

Note : 1 kgf = 9.81 N

Linear Guideways

EG Series

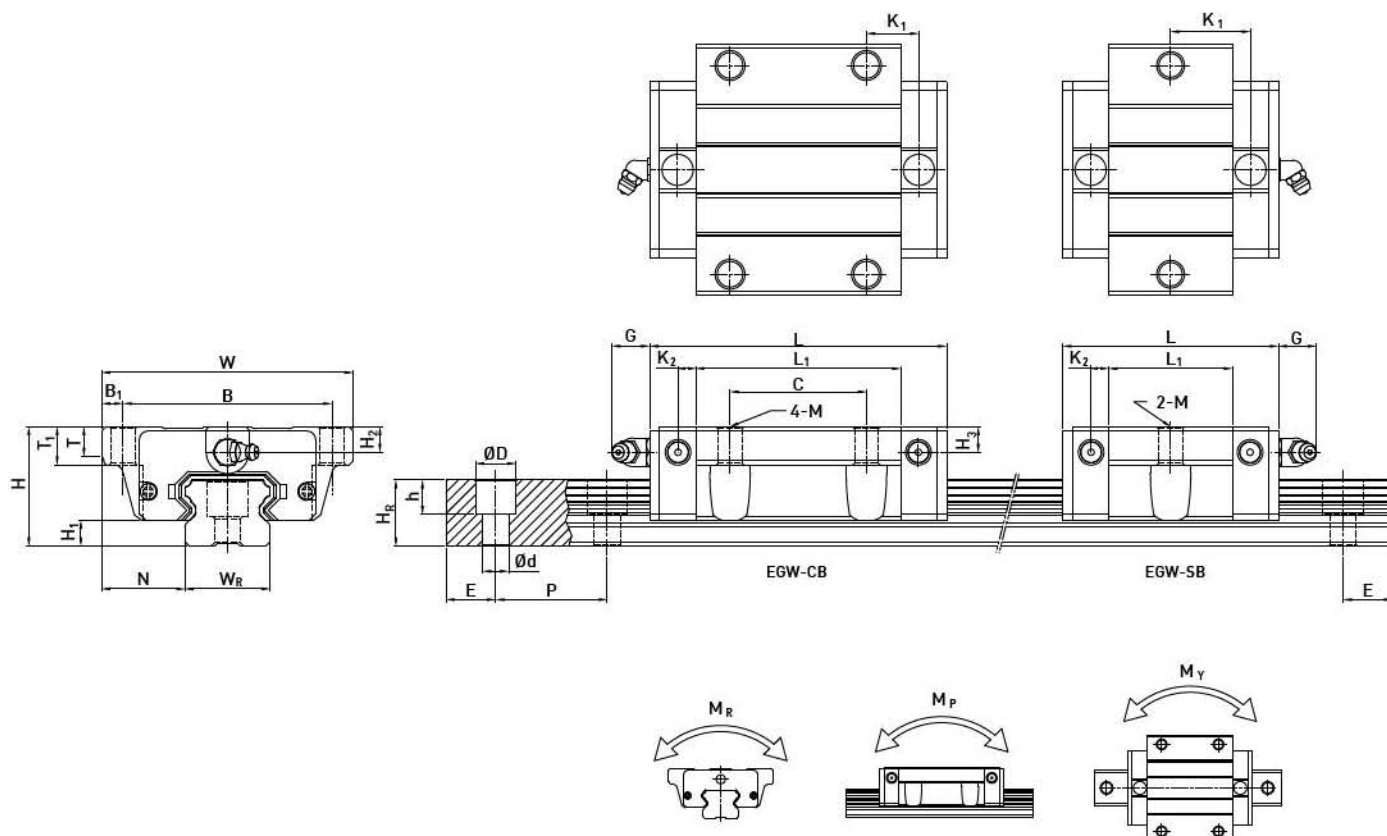
(2) EGW-SA / EGW-CA



Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)																Dimensions of Rail (mm)								Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M	T	T ₁	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C _s (kN)	M _R kN-m	M _P kN-m	M _Y kN-m	Block kg	Rail kg/m			
EGW15SA	24	4.5	18.5	52	41	5.5	-	23.1	40.1	14.8	3.5	5.7	M5	5	7	5.5	6	15	12.5	6	4.5	3.5	60	20	M3x16	5.35	9.40	0.08	0.04	0.04	0.12	1.25			
EGW15CA							26	39.8	56.8	10.15																7.83	16.19	0.13	0.10	0.10	0.21				
EGW20SA	28	6	19.5	59	49	5	-	29	50	18.75	4.15	12	M6	7	9	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	7.23	12.74	0.13	0.06	0.06	0.19	2.08			
EGW20CA							32	48.1	69.1	12.3																10.31	21.13	0.22	0.16	0.16	0.32				
EGW25SA	33	7	25	73	60	6.5	-	35.5	59.1	21.9	4.55	12	M8	7.5	10	8	8	23	18	11	9	7	60	20	M6x20	11.40	19.50	0.23	0.12	0.12	0.35	2.67			
EGW25CA							35	59	82.6	16.15																16.27	32.40	0.38	0.32	0.32	0.59				
EGW30SA	42	10	31	90	72	9	-	41.5	69.5	26.75	6	12	M10	7	10	8	9	28	23	11	9	7	80	20	M6x25	16.42	28.10	0.40	0.21	0.21	0.62	4.35			
EGW30CA							40	70.1	98.1	21.05																23.70	47.46	0.68	0.55	0.55	1.04				
EGW35SA	48	11	33	100	82	9	-	45	75	28.5	7	12	M10	10	13	8.5	8.5	34	27.5	14	12	9	80	20	M8x25	22.66	37.38	0.56	0.31	0.31	0.84	6.14			
EGW35CA							50	78	108	20																33.35	64.84	0.98	0.69	0.69	1.45				

Note : 1 kgf = 9.81 N

(3) EGW-SB / EGW-CB



Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)																Dimensions of Rail (mm)								Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M	T	T ₁	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C _s (kN)	M _R kN-m	M _P kN-m	M _V kN-m	Block kg	Rail kg/m			
EGW15SB	24	4.5	18.5	52	41	5.5	-	23.1	40.1	14.8	3.5	5.7	Ø4.5	5	7	5.5	6	15	12.5	6	4.5	3.5	60	20	M3x16	5.35	9.40	0.08	0.04	0.04	0.12	1.25			
EGW15CB							26	39.8	56.8	10.15															M3x16	7.83	16.19	0.13	0.10	0.10	0.21				
EGW20SB	28	6	19.5	59	49	5	-	29	50	18.75	4.15	12	Ø5.5	7	9	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	7.23	12.74	0.13	0.06	0.06	0.19	2.08			
EGW20CB							32	48.1	69.1	12.3														M5x16	10.31	21.13	0.22	0.16	0.16	0.32					
EGW25SB	33	7	25	73	60	6.5	-	35.5	59.1	21.9	4.55	12	Ø7	7.5	10	8	8	23	18	11	9	7	60	20	M6x20	11.40	19.50	0.23	0.12	0.12	0.35	2.67			
EGW25CB							35	59	82.6	16.15														M6x20	16.27	32.40	0.38	0.32	0.32	0.59					
EGW30SB	42	10	31	90	72	9	-	41.5	69.5	26.75	6	12	Ø9	7	10	8	9	28	23	11	9	7	80	20	M6x25	16.42	28.10	0.40	0.21	0.21	0.62	4.35			
EGW30CB							40	70.1	98.1	21.05														M6x25	23.70	47.46	0.68	0.55	0.55	1.04					
EGW35SB	48	11	33	100	82	9	-	45	75	28.5	7	12	Ø9	10	13	8.5	8.5	34	27.5	14	12	9	80	20	M8x25	22.66	37.38	0.56	0.31	0.31	0.84	6.14			
EGW 35CB							50	78	108	20														M8x25	33.35	64.84	0.98	0.69	0.69	1.45					

Note : 1 kgf = 9.81 N

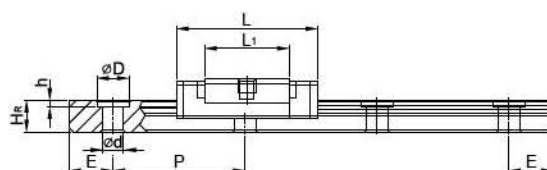
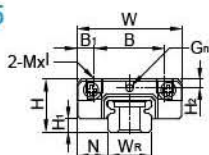
Linear Guideways

MG Series

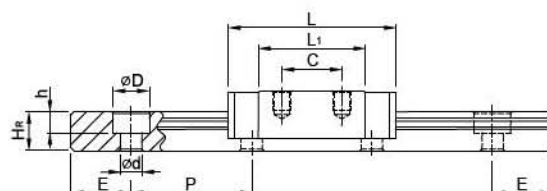
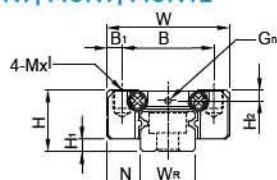
2-4-13 Dimensions for MGN/MGW Series

(1) MGN-C / MGN-H

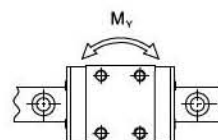
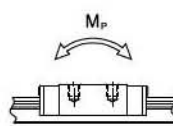
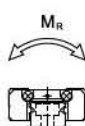
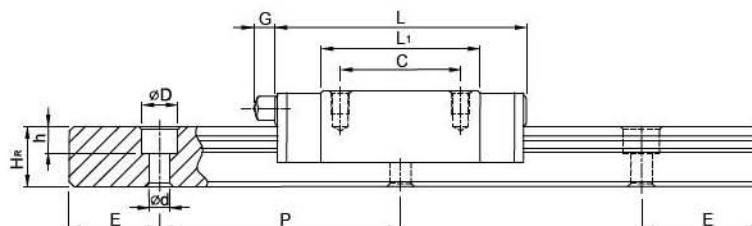
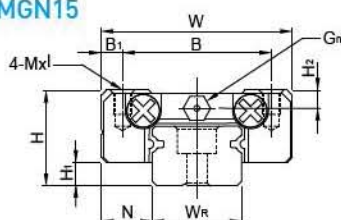
MGN5



MGN7, MGN9, MGN12



MGN15

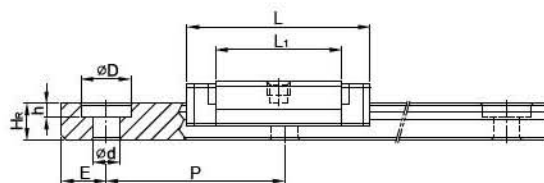
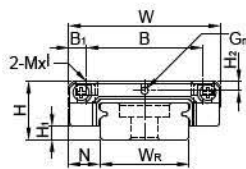


Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)										Dimensions of Rail (mm)										Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	G	G _s	MxL	H ₂	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C _s (kN)	M _R	M _P	M _V	Block	Rail			
	H	H ₁	N	W	B	B ₁	C	L ₁	L	G	G _s	MxL	H ₂	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C _s (kN)	N-m	N-m	N-m	kg	kg/m			
MGN5C	6	1.5	3.5	12	8	2	-	9.6	16	-	Ø0.8	M2x1.5	1	5	3.6	3.6	0.8	2.4	15	5	M2x6	0.54	0.84	2	1.3	1.3	0.008	0.15			
MGN7C	8	1.5	5	17	12	2.5	8	13.5	22.5	-	Ø1.2	M2x2.5	1.5	7	4.8	4.2	2.3	2.4	15	5	M2x6	0.98	1.24	4.70	2.84	2.84	0.010	0.22			
MGN7H							13	21.8	30.8													1.37	1.96	7.64	4.80	4.80	0.015				
MGN9C	10	2	5.5	20	15	2.5	10	18.9	28.9	-	Ø1.4	M3x3	1.8	9	6.5	6	3.5	3.5	20	7.5	M3x8	1.86	2.55	11.76	7.35	7.35	0.016	0.38			
MGN9H							16	29.9	39.9													2.55	4.02	19.60	18.62	18.62	0.026				
MGN12C	13	3	7.5	27	20	3.5	15	21.7	34.7	-	Ø2	M3x3.5	2.5	12	8	6	4.5	3.5	25	10	M3x8	2.84	3.92	25.48	13.72	13.72	0.034	0.65			
MGN12H							20	32.4	45.4													3.72	5.88	38.22	36.26	36.26	0.054				
MGN15C	16	4	8.5	32	25	3.5	20	26.7	42.1	4.5	M3	M3x4	3	15	10	6	4.5	3.5	40	15	M3x10	4.61	5.59	45.08	21.56	21.56	0.059	1.06			
MGN15H							25	43.4	58.8													6.37	9.11	73.50	57.82	57.82	0.092				

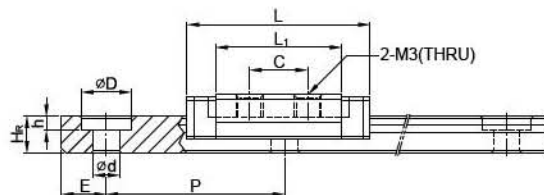
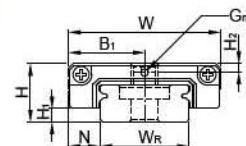
Note : 1 kgf = 9.81 N

(2) MGW-C / MGW-H

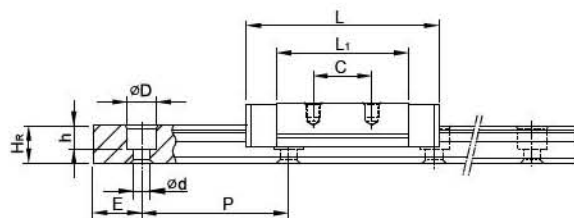
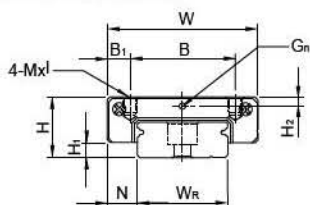
MGW5C



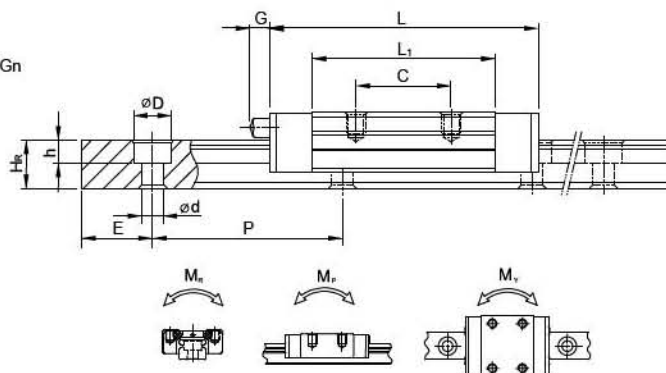
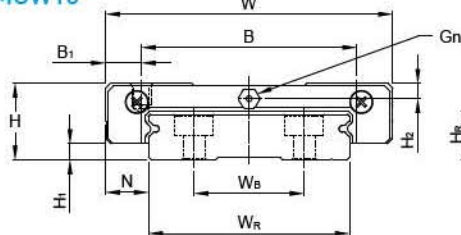
MGW5CL



MGW7, MGW9, MGW12



MGW15

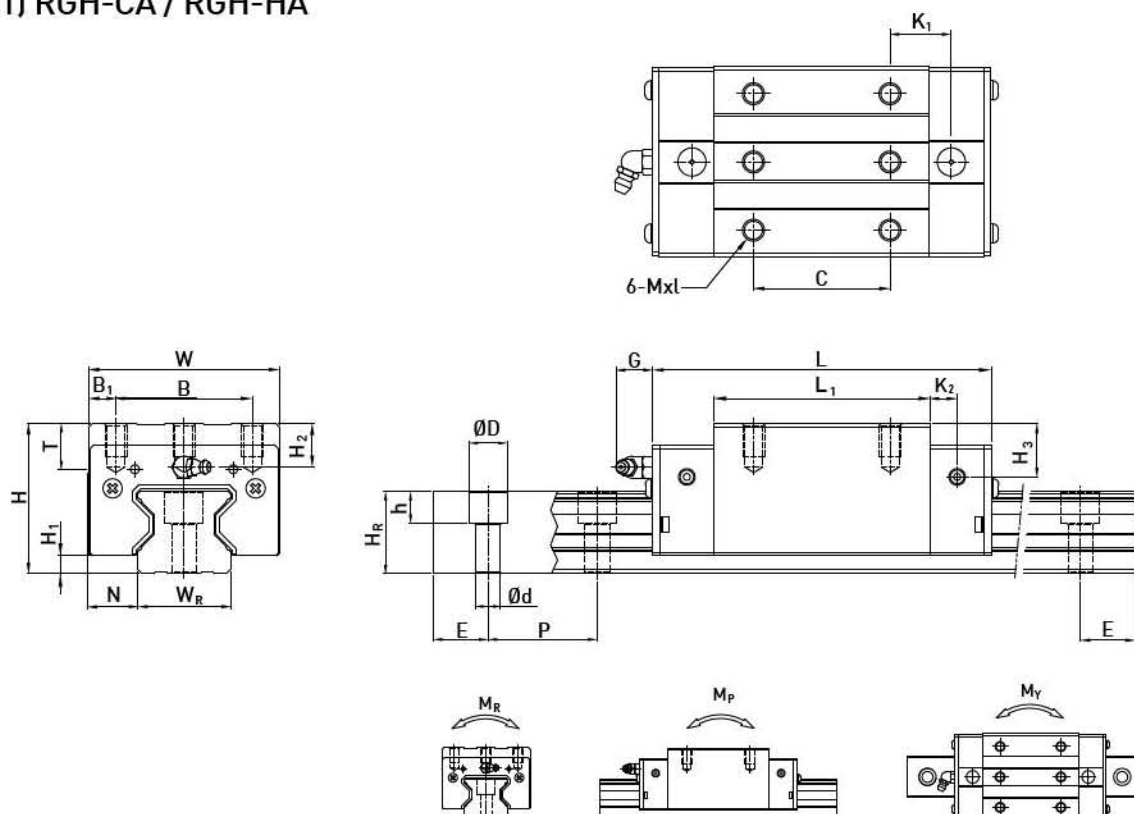


Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)										Dimensions of Rail (mm)										Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	G	G _s	MxL	H ₂	W _R	W _B	H _R	D	h	d	P	E	(mm)	C(kN)	C _s (kN)	M _z	M _p	M _y	Block	Rail		
																									N-m	N-m	N-m	kg	kg/m		
MGW5C	6.5	1.5	3.5	17	13	2	-	14.1	20.5	-	Ø0.8	M2.5x1.5	1	10	-	4	5.5	1.6	3	20	5	M2.5X7	0.68	1.18	5.5	2.7	2.7	0.016	0.34		
MGW5CL					-	-	6.5					M3-THRU																			
MGW7C	9	1.9	5.5	25	19	3	10	21	31.2	-	Ø1.2	M3x3	1.85	14	-	5.2	6	3.2	3.5	30	10	M3x6	1.37	2.06	15.70	7.14	7.14	0.020	0.51		
MGW7H							19	30.8	41			M3x3	1.85	14									1.77	3.14	23.45	15.53	15.53	0.029			
MGW9C	12	2.9	6	30	21	4.5	12	27.5	39.3	-	Ø1.4	M3x3	2.4	18	-	7	6	4.5	3.5	30	10	M3x8	2.75	4.12	40.12	18.96	18.96	0.040	0.91		
MGW9H					23	3.5	24	38.5	50.7			M3x3	2.4	18									3.43	5.89	54.54	34.00	34.00	0.057			
MGW12C	14	3.4	8	40	28	6	15	31.3	46.1	-	Ø2	M3x3.6	2.8	24	-	8.5	8	4.5	4.5	40	15	M4x8	3.92	5.59	70.34	27.80	27.80	0.071	1.49		
MGW12H							28	45.6	60.4			M3x3.6	2.8	24									5.10	8.24	102.70	57.37	57.37	0.103			
MGW15C	16	3.4	9	60	45	7.5	20	38	54.8	5.2	M3	M4x4.2	3.2	42	23	9.5	8	4.5	4.5	40	15	M4x10	6.77	9.22	199.34	56.66	56.66	0.143	2.86		
MGW15H							35	57	73.8			M4x4.2	3.2	42	23	9.5	8	4.5	4.5	40	15		8.93	13.38	299.01	122.60	122.60	0.215			

Note : 1 kgf = 9.81 N

2-9-13 Dimensions for RG series

(1) RGH-CA / RGH-HA



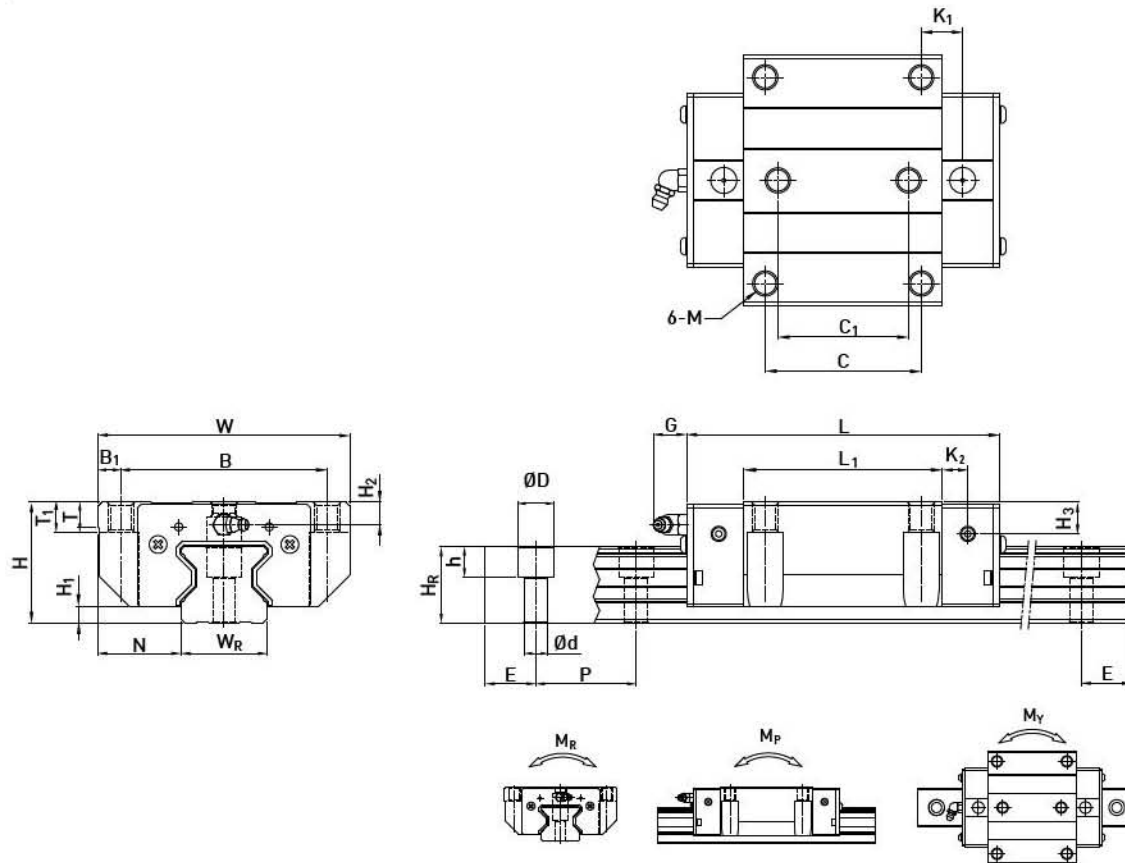
Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)														Dimensions of Rail (mm)								Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	MxI	T	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C _g (kN)	M _R kN-m	M _P kN-m	M _V kN-m	Block kg	Rail kg/m		
RGH15CA	28	4	9.5	34	26	4	26	45	68	13.4	4.7	5.3	M4 x 8	6	7.6	10.1	15	16.5	7.5	5.7	4.5	30	20	M4 x16	11.3	24	0.311	0.173	0.173	0.20	1.70		
RGH20CA	34	5	12	44	32	6	36	57.5	86	15.8	6	5.3	M5 x 8	8	8.3	8.3	20	21	9.5	8.5	6	30	20	M5 x20	21.3	46.7	0.647	0.46	0.46	0.40	2.66		
RGH20HA							50	77.5	106	18.8			M5 x 8	26.9	63	0.872	0.837	0.837	0.53														
RGH25CA	40	5.5	12.5	48	35	6.5	35	64.5	97.9	20.75	7.25	12	M6 x 8	9.5	10.2	10	23	23.6	11	9	7	30	20	M6 x20	27.7	57.1	0.758	0.605	0.605	0.61	3.08		
RGH25HA							50	81	114.4	21.5			M6 x 8	33.9	73.4	0.975	0.991	0.991	0.75														
RGH30CA	45	6	16	60	40	10	40	71	109.8	23.5	8	12	M8 x10	9.5	9.5	10.3	28	28	14	12	9	40	20	M8 x25	39.1	82.1	1.445	1.06	1.06	0.90	4.41		
RGH30HA							60	93	131.8	24.5			M8 x10	48.1	105	1.846	1.712	1.712	1.16														
RGH35CA	55	6.5	18	70	50	10	50	79	124	22.5	10	12	M8 x12	12	16	19.6	34	30.2	14	12	9	40	20	M8 x25	57.9	105.2	2.17	1.44	1.44	1.57	6.06		
RGH35HA							72	106.5	151.5	25.25			M8 x12	73.1	142	2.93	2.6	2.6	2.06														
RGH45CA	70	8	20.5	86	60	13	60	106	153.2	31	10	12.9	M10x17	16	20	24	45	38	20	17	14	52.5	22.5	M12 x35	92.6	178.8	4.52	3.05	3.05	3.18	9.97		
RGH45HA							80	139.8	187	37.9			M10x17	116	230.9	6.33	5.47	5.47	4.13														
RGH55CA	80	10	23.5	100	75	12.5	75	125.5	183.7	37.75	12.5	12.9	M12x18	17.5	22	27.5	53	44	23	20	16	60	30	M14 x45	130.5	252	8.01	5.4	5.4	4.89	13.98		
RGH55HA							95	173.8	232	51.9			M12x18	167.8	348	11.15	10.25	10.25	6.68														
RGH65CA	90	12	31.5	126	76	25	70	160	232	60.8	15.8	12.9	M16 x20	25	15	15	63	53	26	22	18	75	35	M16x50	213	411.6	16.20	11.59	11.59	8.89	20.22		
RGH65HA							120	223	295	67.3			M16 x20	275.3	572.7	22.55	22.17	22.17	12.13														

Note : 1 kgf = 9.81 N

Linear Guideways

RG Series

(2) RGW-CC / RGW-HC



Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)																Dimensions of Rail (mm)						Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	C ₁	L ₁	L	K ₁	K ₂	G	M	T	T ₁	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(kN)	C ₀ (kN)	M _R kN-m	M _P kN-m	M _Y kN-m	Block kg	Rail kg/m
RGW15CC	24	4	16	47	38	4.5	30	26	45	68	11.4	4.7	5.3	M5	6	6.95	3.6	6.1	15	16.5	7.5	5.7	4.5	30	20	M4x16	11.3	24	0.311	0.173	0.173	0.22	1.70
RGW20CC	30	5	21.5	63	53	5	40	35	57.5	86	13.8	6	5.3	M6	8	10	4.3	4.3	20	21	9.5	8.5	6	30	20	M5x20	21.3	46.7	0.647	0.46	0.46	0.47	2.66
RGW20HC									77.5	106	23.8															77.5	106	23.8	77.5	106	23.8	77.5	
RGW25CC	36	5.5	23.5	70	57	6.5	45	40	64.5	97.9	15.75	7.25	12	M8	9.5	10	6.2	6	23	23.6	11	9	7	30	20	M6x20	27.7	57.1	0.758	0.605	0.605	0.72	3.08
RGW25HC									81	114.4	24															81	114.4	24	81	114.4	24	81	
RGW30CC	42	6	31	90	72	9	52	44	71	109.8	17.5	8	12	M10	9.5	10	6.5	7.3	28	28	14	12	9	40	20	M8x25	39.1	82.1	1.445	1.06	1.06	1.16	4.41
RGW30HC									93	131.8	28.5															93	131.8	28.5	93	131.8	28.5	93	
RGW35CC	48	6.5	33	100	82	9	62	52	79	124	16.5	10	12	M10	12	13	9	12.6	34	30.2	14	12	9	40	20	M8x25	57.9	105.2	2.17	1.44	1.44	1.75	6.06
RGW35HC									106.5	151.5	30.25															106.5	151.5	30.25	106.5	151.5	30.25	106.5	
RGW45CC	60	8	37.5	120	100	10	80	60	106	153.2	21	10	12.9	M12	14	15	10	14	45	38	20	17	14	52.5	22.5	M12x35	92.6	178.8	4.52	3.05	3.05	3.43	9.97
RGW45HC									139.8	187	37.9															139.8	187	37.9	139.8	187	37.9	139.8	
RGW55CC	70	10	43.5	140	116	12	95	70	125.5	183.7	27.75	12.5	12.9	M14	16	17	12	17.5	53	44	23	20	16	60	30	M14x45	130.5	252	8.01	5.4	5.4	5.43	13.98
RGW55HC									173.8	232	51.9															173.8	232	51.9	173.8	232	51.9	173.8	
RGW65CC	90	12	53.5	170	142	14	110	82	160	232	40.8	15.8	12.9	M16	22	23	15	15	63	53	26	22	18	75	35	M16x50	213	411.6	16.20	11.59	11.59	11.63	20.22
RGW65HC									223	295	72.3															223	295	72.3	223	295	72.3	223	

Note : 1 kgf = 9.81 N