

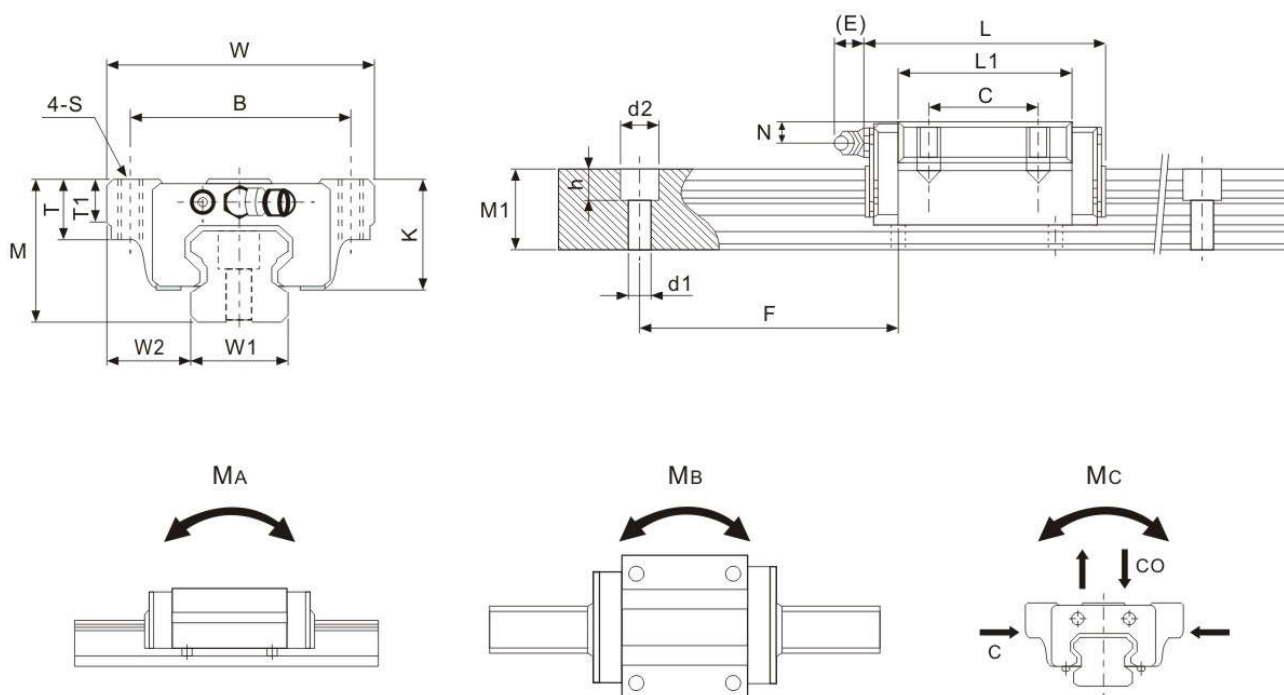


Specification of HGH Series (High Assembly)

HGH-A type HGH-AL type



Model No.	Physical Dimension			Block Dimension									Grease Nipple Specification
	Height M	Width W	Length L	B	C	S	L1	T	T1	K	N	E	
HGH15A	24	47	61.8	38	30	M5	39.8	8.5	8.5	19.8	4.3	5.5	G-M4
HGH20A	30	63	77.4	53	40	M6	50.8	10	10	25.2	5	12	G-M6
HGH20AL	30	63	93.4	53	40	M6	66.8	10	10	25.2	5	12	G-M6
HGH25A	36	70	83.5	57	45	M8	59.5	16	12	29.3	6	12	G-M6
HGH25AL	36	70	102.6	57	45	M8	78.6	16	12	29.3	6	12	G-M6
HGH30A	42	90	100.5	72	52	M10	70.5	18	12	34.3	7	12	G-M6
HGH30AL	42	90	123	72	52	M10	93	18	12	34.3	7	12	G-M6
HGH35A	48	100	113.9	82	62	M10	80.5	20	14	38.8	8	12	G-M6
HGH35AL	48	100	139.2	82	62	M10	105.8	20	14	38.8	8	12	G-M6
HGH45A	60	120	138.5	100	80	M12	97.7	22	15	50.9	10	16	G-PT1/8
HGH45AL	60	120	171	100	80	M12	129.8	22	15	50.9	10	16	G-PT1/8



Model No.	Rail Dimension					Basic Load Rating		Weight	
	Width W1	W2	Height M1	Length of pitch F	d1xd2xh	C (KN)	Co (KN)	Block (kg)	Rail (kg/m)
HGH15A	15	16	15	60	4.5x7.5x5.3	8.33	13.5	0.19	1.5
HGH20A	20	21.5	18	60	6x9.5x8.5	13.8	23.8	0.42	2.3
HGH20AL	20	21.5	18	60	6x9.5x8.5	21.3	31.8	0.53	2.3
HGH25A	23	23.5	22	60	7x11x9	19.9	34.4	0.64	3.3
HGH25AL	23	23.5	22	60	7x11x9	27.2	45.9	0.83	3.3
HGH30A	28	31	26	80	9x14x12	28	46.8	1.11	4.8
HGH30AL	28	31	26	80	9x14x12	37.3	62.5	1.46	4.8
HGH35A	34	33	29	80	9x14x12	37.3	61.1	1.62	6.6
HGH35AL	34	33	29	80	9x14x12	50.2	81.5	2.08	6.6
HGH45A	45	37.5	38	105	14x20x17	60	95.6	2.88	11.0
HGH45AL	45	37.5	38	105	14x20x17	80.4	127	3.3	11.0

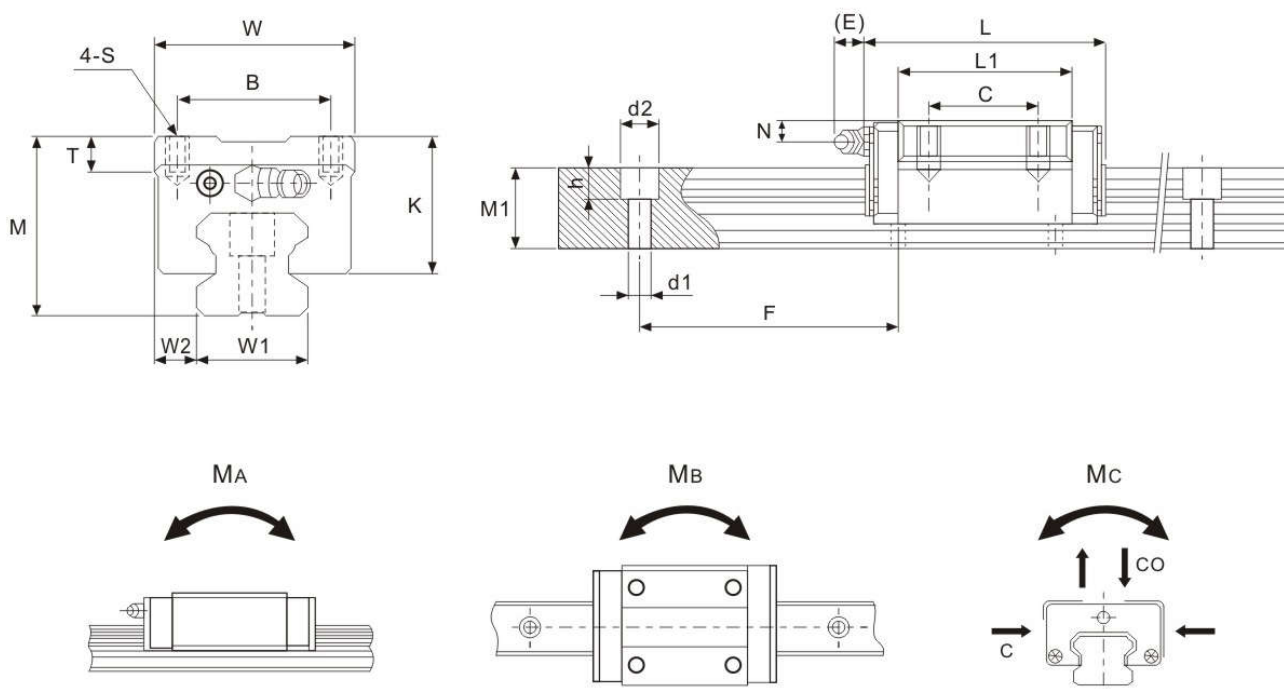


Specification of HGH Series (High Assembly)

HGH-B type HGH-BL type



Model No.	Physical Dimension			Block Dimension								Grease Nipple Specification
	Height M	Width W	Length L	B	C	S	L1	T	K	N	E	
HGH15B	28	34	61.8	26	26	M4x0.7x5	39.8	6	23.8	8.3	5.5	G-M4
HGH20B	30	44	77.4	32	36	M5x0.8x6	50.8	8	25.2	5	12	G-M6
HGH20BL	30	44	93.4	32	50	M5x0.8x6	66.8	8	25.2	5	12	G-M6
HGH25B	40	48	83.5	35	35	M6x8	59.5	10	33.25	10	12	G-M6
HGH25BL	40	48	102.6	35	50	M6x8	78.6	10	33.25	10	12	G-M6
HGH30B	45	60	100.5	40	40	M8x10	70.5	12	37.25	10	12	G-M6
HGH30BL	45	60	123	40	60	M8x10	93	12	37.25	10	12	G-M6
HGH35B	55	70	113.9	50	50	M8x12	80.5	12	45.8	15	12	G-M6
HGH35BL	55	70	139.2	50	72	M8x12	105.8	12	45.8	15	12	G-M6
HGH45B	70	86	138.5	60	60	M10x17	97.7	15	60.9	20	16	G-PT1/8
HGH45BL	70	86	171.2	60	80	M10x17	128.8	15	60.9	20	16	G-PT1/8



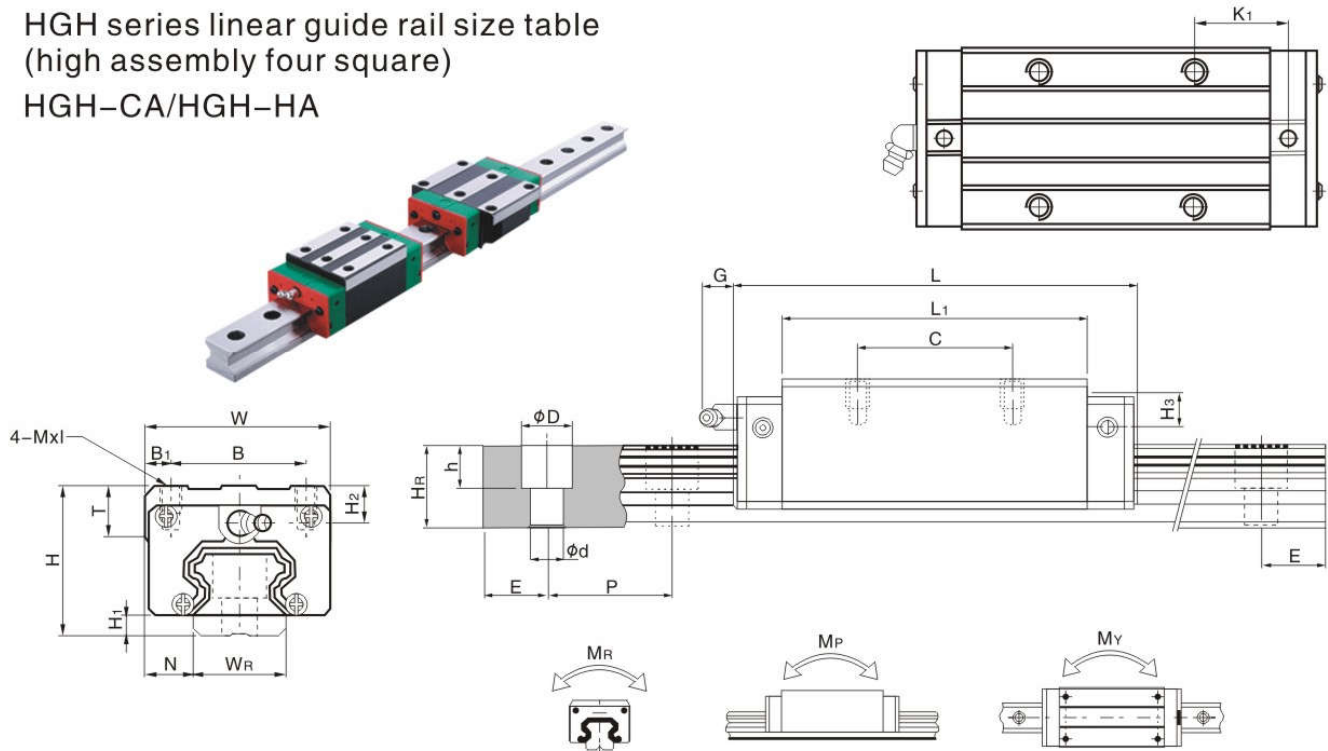
Model No.	Rail Dimension					Basic Load Rating		Weight	
	Width W1	W2	Height M1	Length of pitch F	d1xd2xh	C (KN)	Co (KN)	Block (kg)	Rail (kg/m)
HGH15B	15	9.5	15	60	4.5x7.5x5.3	8.33	13.5	0.2	1.5
HGH20B	20	12	18	60	6x9.5x8.5	13.8	23.8	0.34	2.3
HGH20BL	20	12	18	60	6x9.5x8.5	21.3	31.8	0.43	2.3
HGH25B	23	12.5	22	60	7x11x9	19.9	34.4	0.56	3.3
HGH25BL	23	12.5	22	60	7x11x9	27.2	45.9	0.73	3.3
HGH30B	28	16	26	80	9x14x12	28	46.8	0.91	4.8
HGH30BL	28	16	26	80	9x14x12	37.3	62.5	1.18	4.8
HGH35B	34	18	29	80	9x14x12	37.3	61.1	1.54	6.6
HGH35BL	34	18	29	80	9x14x12	50.2	81.5	1.99	6.6
HGH45B	45	20.5	38	105	14x20x17	60	95.6	2.92	11.0
HGH45BL	45	20.5	38	105	14x20x17	80.4	127	3.1	11.0



HGH Linear Guide Series

HGH series linear guide rail size table
(high assembly four square)

HGH-CA/HGH-HA



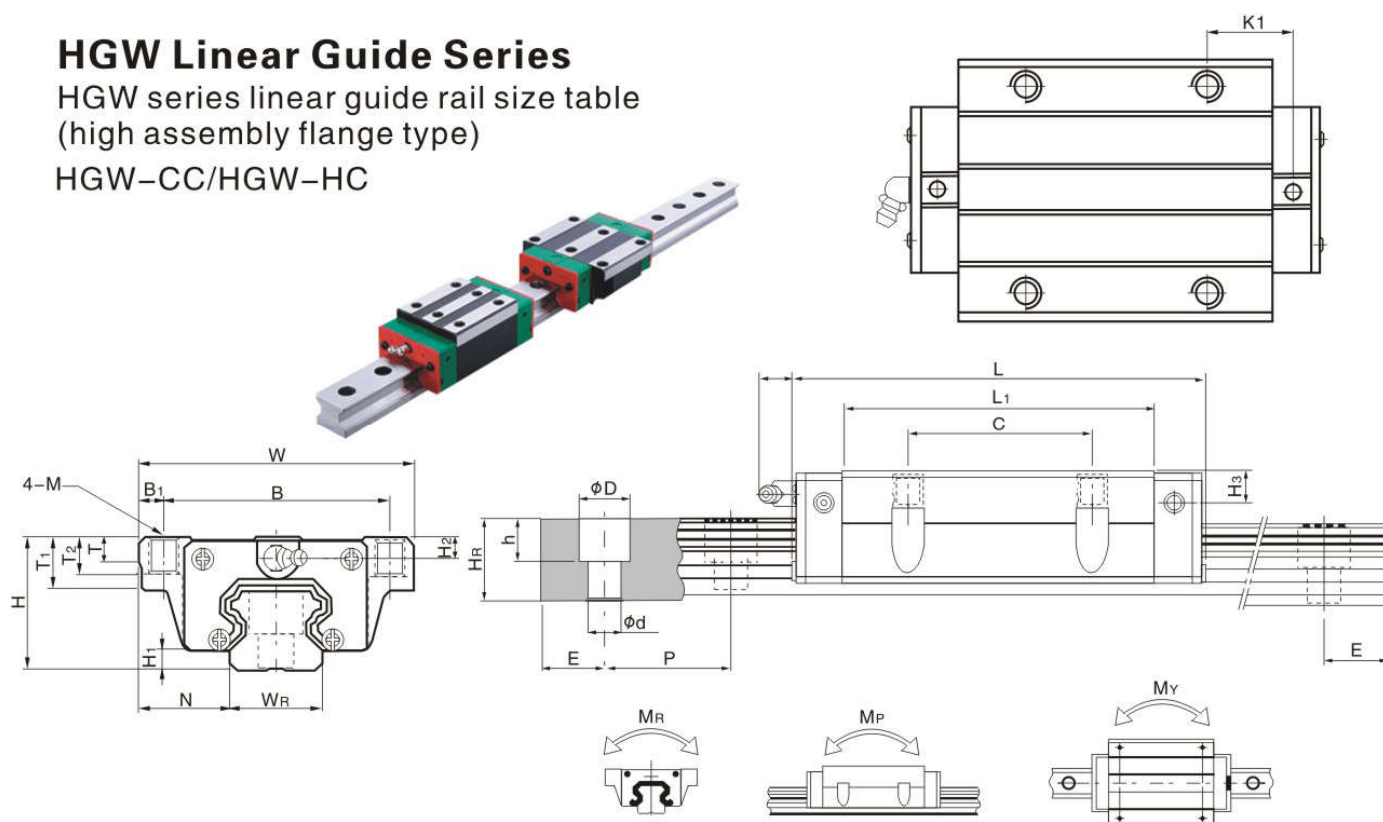
Model No.	Dimension of Assembly (mm)			Dimension of Block(mm)													Dimension of Rail(mm)								Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	G	Mx ₁	T ₂	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(KN)				Co(KN)	M _R	M _P	M _Y	block
HGH 15CA	28	4.3	9.5	34	26	4	26	39.4	61.4	10	5.3	M4x5	6	7.95	7.7	15	15	7.5	5.3	4.5	60	20	M4x16	11.38	25.31	0.17	0.15	0.15	0.18	1.45		
HGH 20CA	30	4.6	12	44	32	6	36	50.5	77.5	12.25	12	M5x6	8	6	7	20	17.5	9.5	8.5	6	60	20	M5x16	17.75	37.84	0.38	0.27	0.27	0.30	2.21		
HGH 20HA							50	65.2	92.2	12.6														21.18	48.84	0.48	0.47	0.47	0.39			
HGH 25CA	40	5.5	12.5	48	35	6.5	35	58	84	16.8	12	M6x8	8	10	13	23	22	11	9	7	60	20	M6x20	26.48	56.19	0.64	0.51	0.51	0.51	3.21		
HGH 25HA							50	78.6	104.6	19.6														32.75	76.00	0.87	0.88	0.88	0.69			
HGH 30CA	45	6	16	60	40	10	40	70	97.4	20.25	12	M8x10	8.5	9.5	13.8	28	26	14	12	9	80	20	M8x25	38.74	83.06	1.06	0.85	0.85	0.88	4.47		
HGH 30HA							60	93	120.4	21.75														47.27	110.13	1.40	1.47	1.47	1.16			
HGH 35CA	55	7.5	18	70	50	10	50	80	112.4	20.6	12	M8x12	10.2	16	19.6	34	29	14	12	9	80	20	M8x25	49.52	102.87	1.73	1.20	1.20	1.45	6.30		
HGH 35HA							72	105.8	138.2	22.5														60.21	136.31	2.29	2.08	2.08	1.92			
HGH 45CA	70	9.5	20.5	86	60	13	60	97	139.4	23	12.9	M10x17	16	18.5	30.5	45	38	20	17	14	105	22.5	M12x35	77.57	155.93	3.01	2.35	2.35	2.73	10.41		
HGH 45HA							80	128.8	171.2	28.9														94.54	207.12	4.00	4.07	4.07	3.61			
HGH 55CA	80	13	23.5	100	75	12.5	75	117.7	166.7	27.35	12.9	M12x18	17.5	22	29	53	44	23	20	16	120	30	M14x45	114.44	227.81	5.66	4.06	4.06	4.17	15.08		
HGH 55HA							95	155.8	204.8	36.4														139.35	301.26	7.49	7.01	7.01	5.49			
HGH 65CA	90	15	31.5	126	76	25	70	144.2	200.2	43.1	12.9	M16x20	25	15	15	63	53	26	22	18	150	35	M16x50	163.63	324.71	10.02	6.44	6.44	7.00	21.18		
HGH 65HA							120	203.6	259.6	47.8														208.36	457.15	14.15	11.12	11.12	9.82			

注: 1kgf=9.81 N

HGW Linear Guide Series

HGW series linear guide rail size table
(high assembly flange type)

HGW-CC/HGW-HC



Model No.	Dimension of Assembly (mm)			Dimension of Block(mm)															Dimension 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	G	M	T	T ₁	T ₂	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	C(KN)				Co(KNl)	M _R kN-m	M _P kN-m	M _Y kN-m	block kg
HGW 15CC	24	4.3	16	47	38	4.5	30	39.4	61.4	8	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	25.31	0.17	0.15	0.15	0.17	1.45		
HGW 20CC	30	4.6	21.5	63	53	5	40	50.5	77.5	10.25	12	M6	8	10	9.5	6	7	20	17.5	9.5	8.5	6	60	20	M5x16	17.75	37.84	0.38	0.27	0.27	0.40	2.21		
HGW 20HC								65.2	92.2	17.6																21.18	48.84	0.48	0.47	0.47	0.52			
HGW 25CC	36	5.5	23.5	70	57	6.5	45	58	84	11.8	12	M8	8	14	10	6	9	23	22	11	9	7	60	20	M6x20	26.78	56.19	0.64	0.51	0.51	0.59	3.21		
HGW 25HC								78.6	104.6	22.1																32.75	76.00	0.87	0.88	0.88	0.80			
HGW 30CC	42	6	31	90	72	9	52	70	97.4	14.25	12	M10	8.5	16	10	6.5	10.8	28	26	14	12	9	80	20	M8x25	38.74	83.06	1.06	0.85	0.85	1.09	4.47		
HGW 30HC								93	120.4	25.75																47.27	110.13	1.40	1.47	1.47	1.44			
HGW 35CC	48	7.5	33	100	82	9	62	80	112.4	14.6	12	M10	10.1	18	13	9	12.6	34	29	14	12	9	80	20	M8x25	49.52	102.87	1.73	1.20	1.20	1.56	6.30		
HGW 35HC								105.8	138.2	27.5																60.21	136.31	2.29	2.08	2.08	2.06			
HGW 45CC	60	9.5	37.5	120	100	10	80	97	139.4	13	12.9	M12	15.1	22	15	8.5	20.5	45	38	20	17	14	105	22.5	M12x35	77.57	155.93	3.01	2.35	2.35	2.79	10.41		
HGW 45HC								128.8	171.2	28.9																94.547	207.12	4.00	4.07	4.07	3.69			
HGW 55CC	70	13	43.5	140	116	12	95	117.7	166.7	17.35	12.9	M14	17.5	26.5	17	12	19	53	44	23	20	16	120	30	M14x45	114.44	227.81	5.66	4.06	4.06	4.52	15.08		
HGW 55HC								158.8	204.8	36.4																139.35	301.26	7.49	7.01	7.01	5.96			
HGW 65CC	90	15	53.5	170	142	14	110	144.2	200.2	23.1	12.9	M16	25	37.5	23	15	15	63	53	26	22	18	150	35	M16x50	163.63	324.71	10.02	6.44	6.44	9.17	21.18		
HGW 65HC								203.6	259.6	52.8																208.36	457.15	14.15	11.12	11.12	12.89			

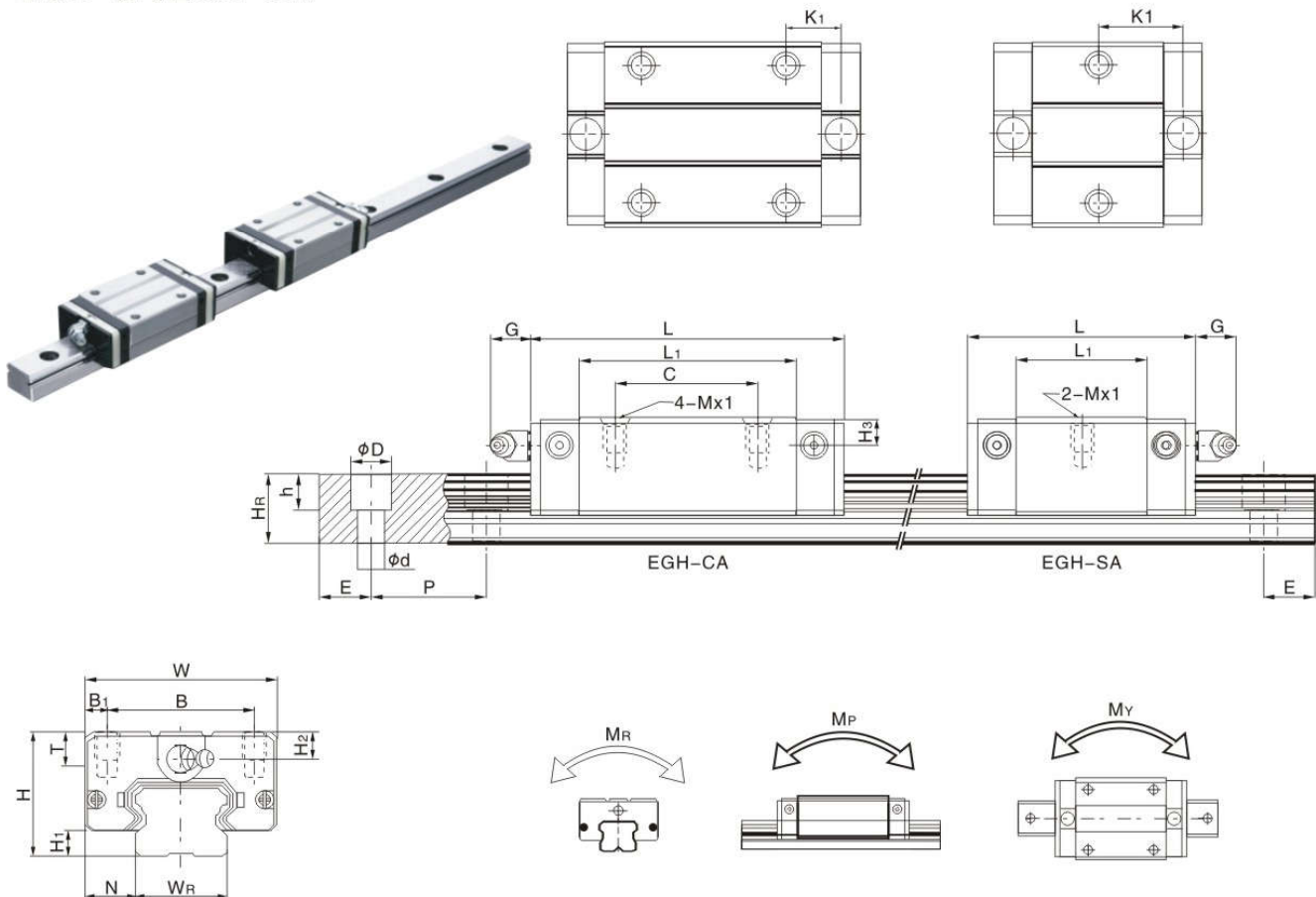
注: 1kgf=9.81 N



EGH Linear Guide Series

EGH series linear guide rail size table
(low assembly square type)

EGH-SA/EGH-CA



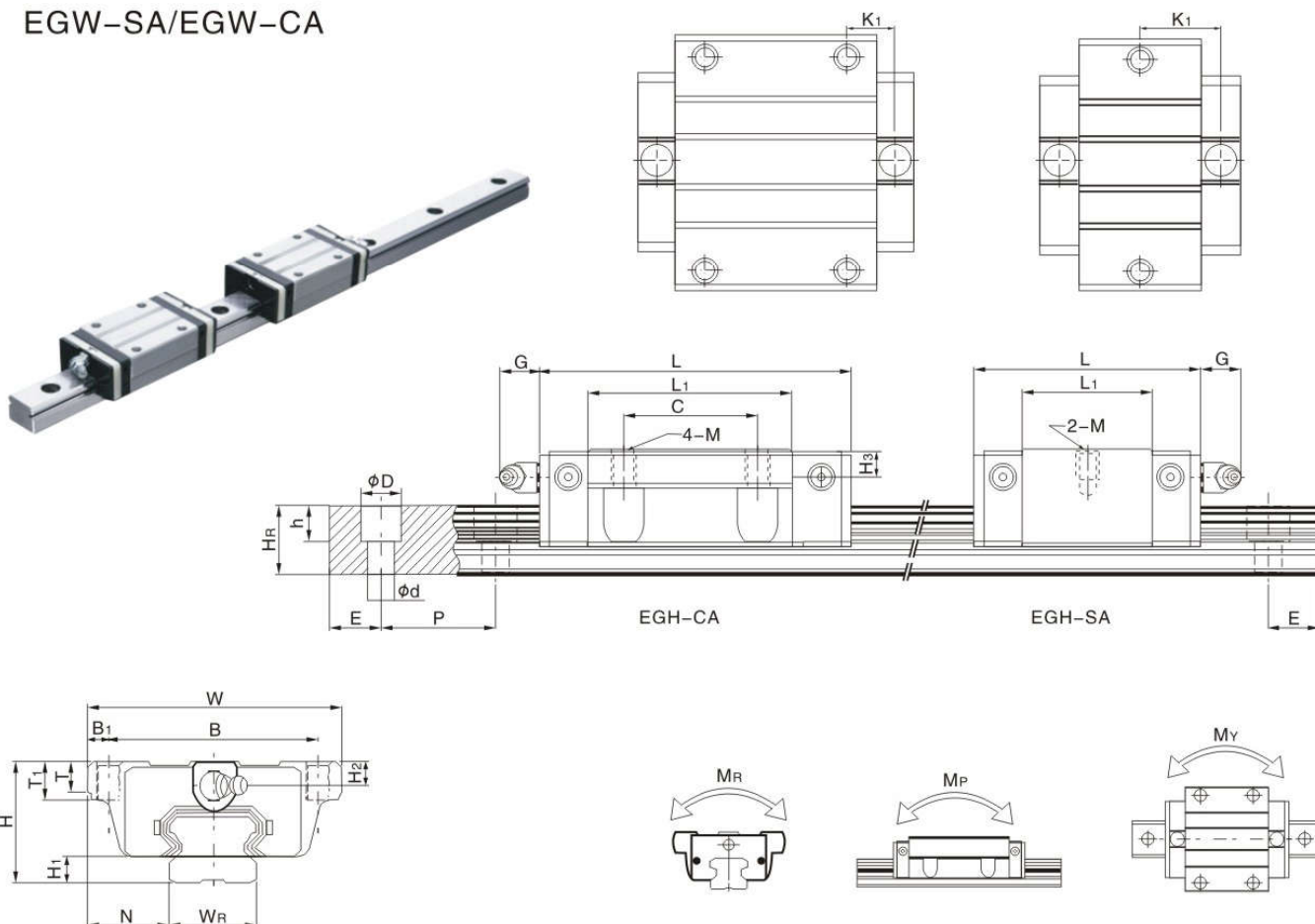
Model No.	Dimension of Assembly (mm)			Dimension of Block(mm)													Dimension of Rail(mm)								Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	G	Mx ₁	T ₂	H ₂	H ₃	W _R	H _R	D	h	d	P	E	MR	MP				My	block	rail		
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)				(mm)	(mm)	(mm)	(mm)	
EGH15SA	24	4.5	9.5	34	26	4	—	23.1	40.1	14.8	5.7	M4x6	6	5.5	6	15	12.5	6	4.5	3.5	60	20	M3x16	5.35	9.40	0.08	0.04	0.04	1.25			
EGH15CA							26	39.8	56.8	10.15														7.83	16.19	0.13	0.10	0.10		0.15		
EGH20SA	28	6	11	42	32	5	—	29	50	18.75	12	M5x7	7.5	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	7.23	12.74	0.13	1.06	1.06	0.15	2.08		
EGH20CA							32	48.1	69.1	12.3														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	12	M6x9	8	8	8	23	18	11	9	7	60	20	M6x20	11.40	19.50	0.23	0.12	0.12	0.25	2.67		
EGH25CA							35	59	82.6	16.15														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	12	M8x12	9	8	9	28	23	11	9	7	80	20	M6x25	16.42	28.10	0.40	0.21	0.21	0.45	4.35		
EGH30CA							40	70.1	98.1	21.05														23.70	47.46	0.68	0.55	0.55	0.76			

注: 1kgf=9.81 N

EGW Linear Guide Series

EGW series linear guide rail size table
(low assembly flange type)

EGW-SA/EGW-CA



Model No.	Dimension of Assembly (mm)			Dimension of Block(mm)													Dimension 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	G	Mx ₁	T ₂	H ₂	H ₃	W _R	H _R	D	h	d	P	E	M _R	M _P				M _Y	block	rail		
	(mm)	C(KN)	Co(KN)	kN-m	kN-m	kN-m	kg	kg/m																								
EGW15SA	24	4.5	18.5	52	41	5.5	—	23.1	40.1	14.8	5.7	M5	5	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	12	M6	7	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	7.23	12.74	0.13	1.06	1.06	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	12	M8	7.5	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	12	M10	7	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			

注: 1kgf=9.81 N



Linear guide rail product model

