

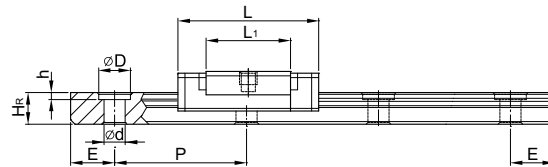
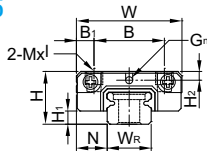
# Linear Guideways

## MG Series

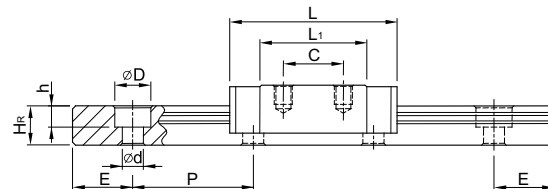
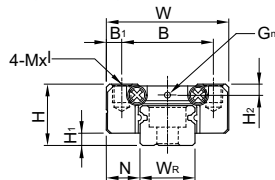
### 2-4-13 Dimensions for MGN/MGW Series

#### (1) MGN-C / MGN-H

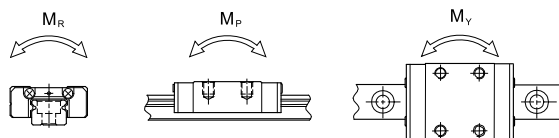
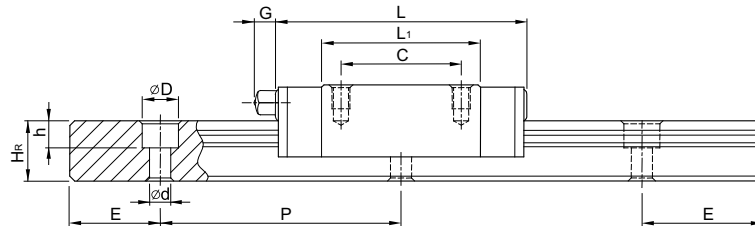
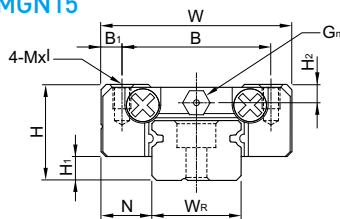
##### MGN5



##### MGN7, MGN9, MGN12



##### MGN15

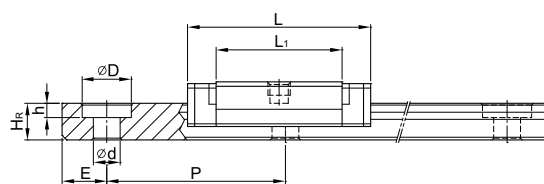
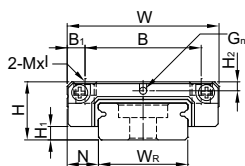


Model No.	Dimensions of Assembly (mm)			Dimensions of Block (mm)										Dimensions of Rail (mm)								Mounting Bolt for Rail	Basic Dynamic Load Rating	Basic Static Load Rating	Static Rated Moment			Weight	
	H	H <sub>1</sub>	N	W	B	B <sub>1</sub>	C	L <sub>1</sub>	L	G	G <sub>n</sub>	MxL	H <sub>2</sub>	W <sub>R</sub>	H <sub>R</sub>	D	h	d	P	E	(mm)	C(kN)	C <sub>0</sub> (kN)	M <sub>R</sub>	M <sub>P</sub>	M <sub>Y</sub>	Block	Rail	
																									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		

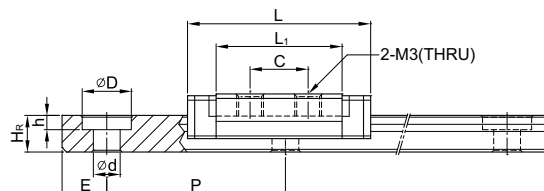
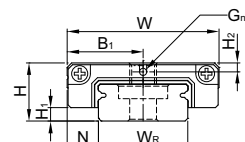
Note : 1 kgf = 9.81 N

## (2) MGW-C / MGW-H

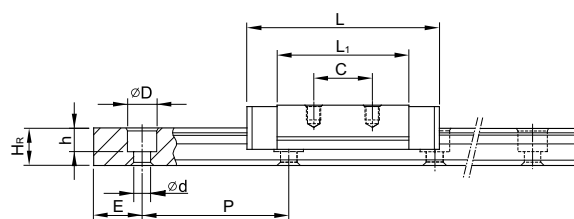
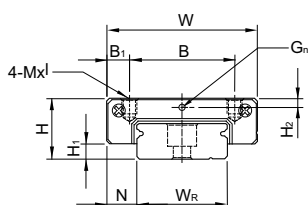
### MGW5C



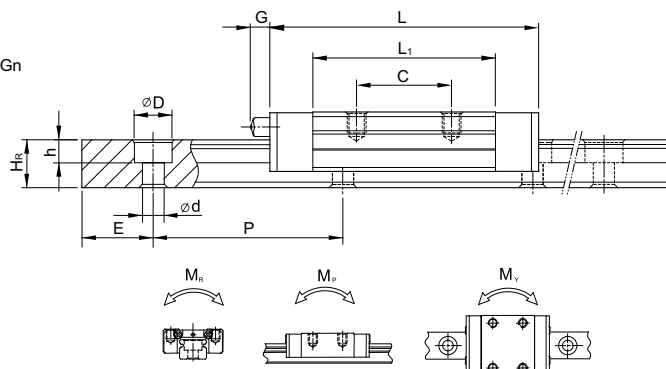
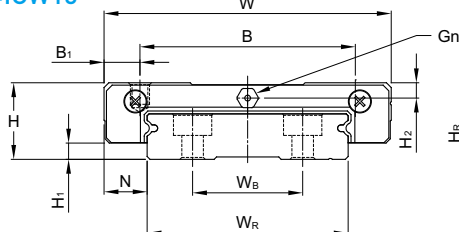
### MGW5CL



### 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 <sub>1</sub>	N	W	B	B <sub>1</sub>	C	L <sub>1</sub>	L	G	G <sub>n</sub>	M <sub>x</sub> L	H <sub>2</sub>	W <sub>R</sub>	W <sub>B</sub>	H <sub>R</sub>	D	h	d	P	E	(mm)	C(kN)	C <sub>0</sub> (kN)	M <sub>R</sub>	M <sub>P</sub>	M <sub>Y</sub>	Block	Rail		
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			1.77											3.14	23.45	15.53	15.53	0.029				
MGW9C	12	2.9	6	30	21	4.5	12	27.5	39.3	-	Ø1.2	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											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	-	Ø1.2	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			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			8.93											13.38	299.01	122.60	122.60	0.215				

Note : 1 kgf = 9.81 N