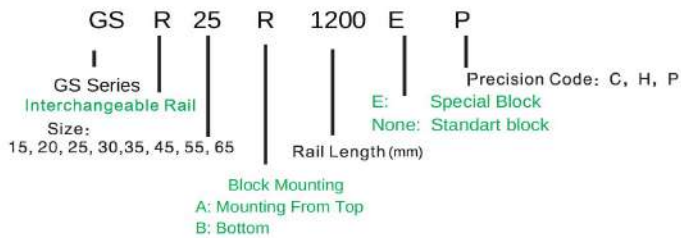
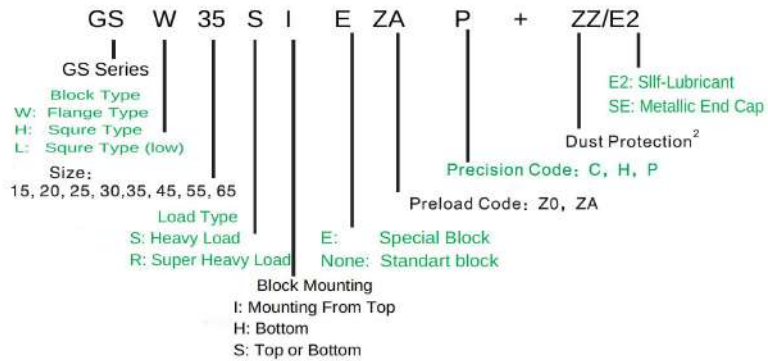
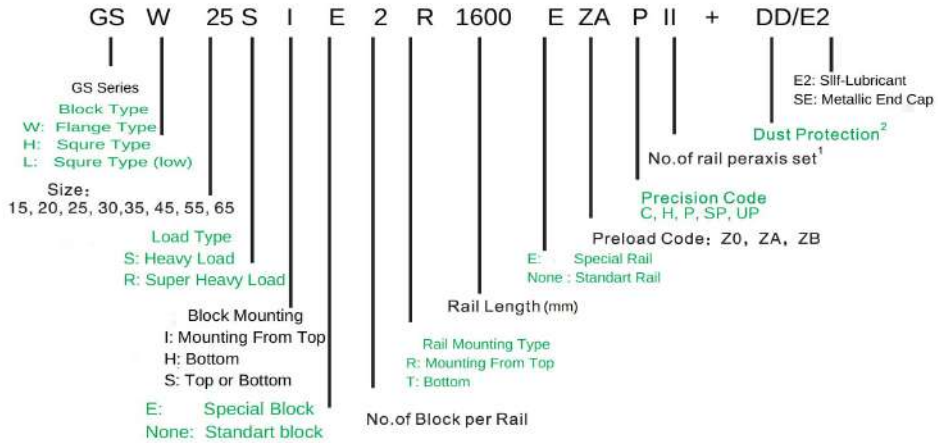


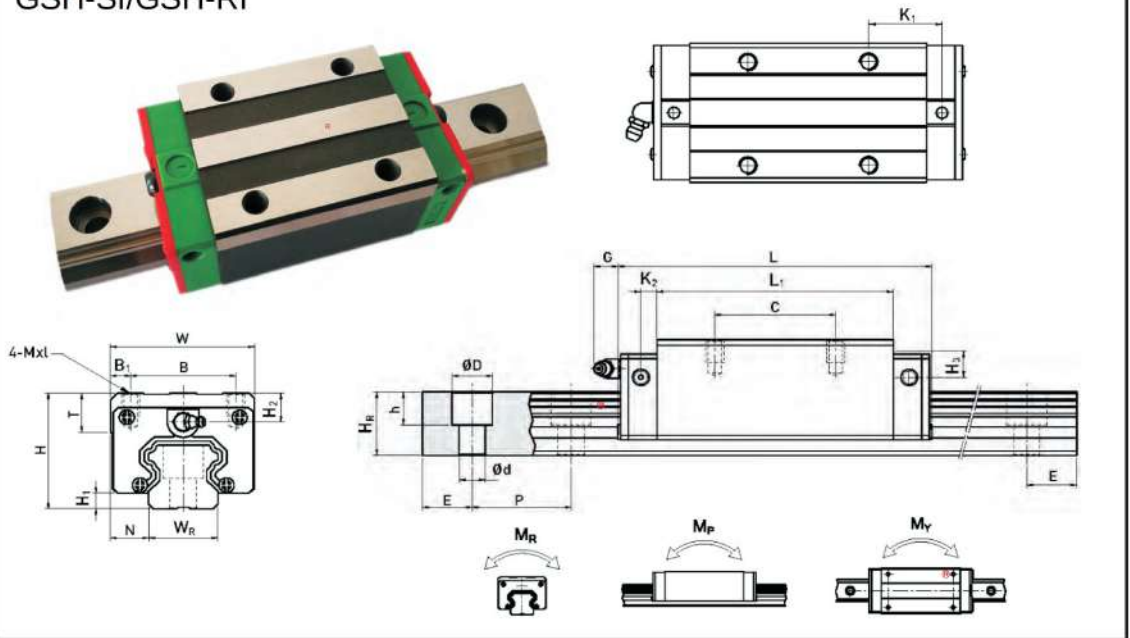
Linear Motion

Non-interchangeable type



Linear Motion

GSH-SI/GSH-RI

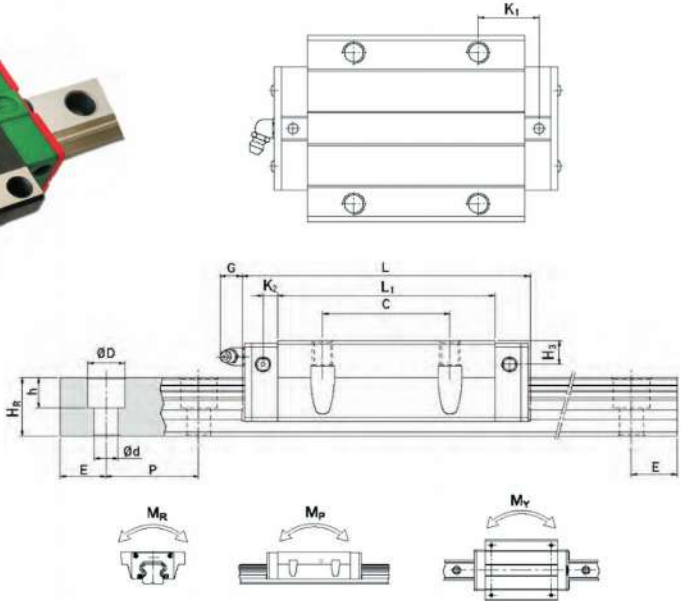
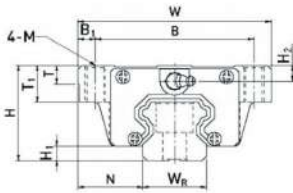
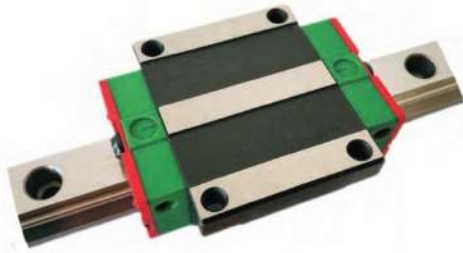


Model No.	Dimensions of Assembly (mm)				Dimensions of block (mm)										Dimensions of rail (mm)										Mounting Bolt for rail (mm)	Basic Dynamic Load Rating C (kN)	Basic Static Load Rating C _s (kN)	Static Rated Moment			Weight		Stock
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	G	M × L	T	H ₂	H ₃	W _R	H _R	D	h	d	P	E	M _H	M _F				M _V	Block kg	Rail kg/m			
GSH15SI	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	M4 x 16	11.38	25.31	0.17	0.15	0.15	0.18	1.45	✓		
GSH20SI	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	M5 x 16	17.75	37.84	0.38	0.27	0.27	0.30	2.21	✓		
GSH20RI							50	65.2	92.2	12.6														21.18	48.84	0.48	0.47	0.47	0.39		✓		
GSH25SI	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	M6 x 20	26.48	56.19	0.64	0.51	0.51	0.51	3.21	✓		
GSH25RI							50	78.6	104.6	19.6														32.75	76.00	0.87	0.88	0.88	0.69		✓		
GSH30SI	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	M8 x 25	38.74	83.06	1.06	0.85	0.85	0.88	4.47	✓		
GSH30RI							60	93	120.4	21.75														47.27	110.13	1.40	1.47	1.47	1.16		✓		
GSH35SI	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	M8 x 25	49.52	102.87	1.73	1.20	1.20	1.45	6.30	✓		
GSH35RI							72	105.8	138.2	22.5														60.21	136.31	2.29	2.08	2.08	1.92		✓		
GSH45SI	70	9.8	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	M12 x 35	77.57	155.93	3.01	2.35	2.35	2.73	10.41	✓		
GSH45RI							80	128.8	171.2	28.9														94.54	207.12	4.00	4.07	4.07	3.61		✓		
GSH55SI	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	M14 x 45	114.44	227.81	5.66	4.06	4.06	4.17	15.08	○		
GSH55RI							95	155.8	204.8	36.4														139.35	301.26	7.49	7.01	7.01	5.49		○		
GSH65SI	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	M16 x 50	163.63	324.71	10.02	6.44	6.44	7.00	21.18	○		
GSH65RI							120	203.6	259.6	47.8														208.36	457.15	14.15	11.12	11.12	9.82		○		

Note: 1 kgf = 9.81 N

Linear Motion

GSW-SI/GSW-RI

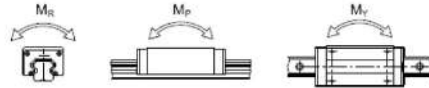
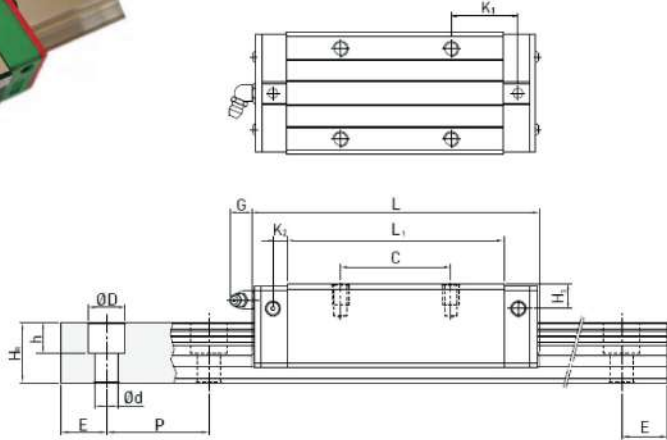
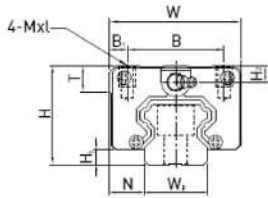
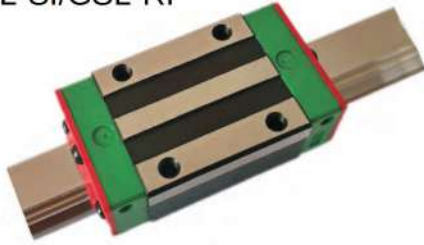


Model No.	Dimensions of Assembly (mm)				Dimensions of block (mm)										Dimensions of rail (mm)					Mounting Bolt for rail (mm)	Basic Dynamic Load Rating C (kN)	Basic Static Load Rating C ₀ (kN)	Static Rated Moment			Weight		Stock				
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	G	M	T	T ₁	H ₂	H ₃	W ₈	H ₈	D				h	d	P	E	M ₁₁ (kN-m)		M _P (kN-m)	M _V (kN-m)	Block (kg)	Rail (kg/m)
GSW15SI	24	4.3	16	47	38	4.5	30	4.93	4.16	8	5.3	M5	6	8.9	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4 x 16	11.38	25.31	0.17	0.15	0.15	0.17	1.45	✓
GSW20SI	30	4.6	21.5	63	53	5	40	5.05	5.77	10.1	12	M6	8	10	6	7	20	17.5	9.5	8.5	6	60	20	M5 x 16	17.75	37.84	0.38	0.27	0.27	0.40	2.21	✓
GSW20RI								2.56	2.29	6.71																						✓
GSW25SI	36	5.5	23.5	70	57	6.5	45	85	48	8.11	12	M8	8	14	6	9	23	22	11	9	7	60	20	M6 x 20	26.48	56.19	0.64	0.51	0.51	0.59	3.21	✓
GSW25RI								6.87	6.40	1.22																					✓	
GSW30SI	42	6	31	90	72	9	52	07	4.79	52.41	12	M10	8.5	16	6.5	10.8	28	26	14	12	9	80	20	M8 x 25	38.74	83.06	1.06	0.85	0.85	1.09	4.47	✓
GSW30RI								39.4	021	57.52																					✓	
GSW35SI	48	7.5	33	100	82	9	62	08	4.211	6.41	12	M10	10.1	18	9	12.6	34	29	14	12	9	80	20	M8 x 25	49.52	102.87	1.73	1.20	1.20	1.56	6.30	✓
GSW35RI								8.501	2.831	5.72																					✓	
GSW45SI	60	9.5	37.5	120	100	10	80	79	4.931	31	12.9	M12	15.1	22	8.5	20.5	45	38	20	17	14	105	22.5	M12 x 35	77.57	155.93	3.01	2.35	2.35	2.79	10.41	✓
GSW45RI								8.821	2.171	9.82																					✓	
GSW55SI	70	13	43.5	140	116	12	95	7.711	7.661	59.71	12.9	M14	17.5	26.5	12	19	53	44	23	20	16	120	30	M14 x 45	114.44	227.81	5.66	4.06	4.06	4.52	15.08	○
GSW55RI								8.551	8.402	4.63																					○	
GSW65SI	90	15	53.5	170	142	14	110	2.441	2.002	1.32	12.9	M16	25	37.5	15	15	63	53	26	22	18	150	35	M16 x 50	163.63	324.71	10.02	6.44	6.44	9.17	21.18	○
GSW65RI								6.302	6.952	8.25																					○	

Note: 1 kgf = 9.81 N

Linear Motion

GSL-SI/GSL-RI



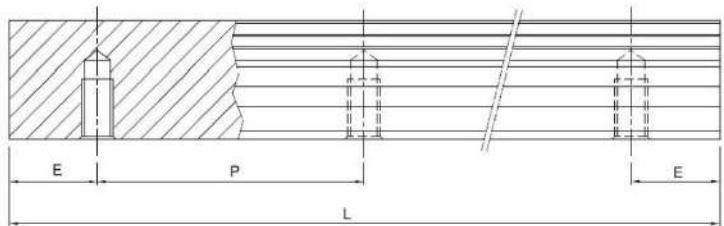
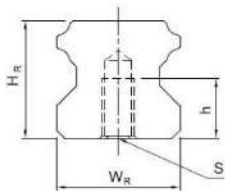
Model No.	Dimensions of Assembly (mm)				Dimensions of block (mm)										Dimensions of rail (mm)										Mounting Bolt for rail (mm)	Basic Dynamic Load Rating C (kN)	Basic Static Load Rating C ₀ (kN)	Static Rated Moment			Weight		Stoek
	H	H ₁	N	W	B	B ₁	C	L ₁	L	K ₁	G	M × L	T	H ₂	H ₃	W _a	H _a	D	h	d	P	E	M _n	M _p				M _v	Block kg	Rail kg/m			
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN-m				kN-m	kN-m	kg	kg/m		
GSL15SI	24	4.3	9.5	34	26	4	26	39.4	61.4	10	5.3	M4×4	6	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4×16	11.38	25.31	0.17	0.15	0.15	0.14	1.45	o		
GSL25SI	36	5.5	12.5	48	35	6.5	35	58	84	16.8	12	M6×6	8	6	9	23	22	11	9	7	60	20	M6×20	26.48	56.19	0.64	0.51	0.51	0.42	3.21	o		
GSL25RI							50	78.6	104.6	19.6															32.75	76.00	0.87	0.88	0.88	0.57		o	
GSL30SI	42	6	16	60	40	10	40	70	97.4	20.25	12	M8×10	8.5	6.5	10.8	28	26	14	12	9	80	20	M8×25	38.74	83.06	1.06	0.85	0.85	0.78	4.47	o		
GSL30RI							60	93	120.4	21.75																47.27	110.13	1.40	1.47	1.47	1.03		o
GSL35SI	48	7.5	18	70	50	10	50	80	112.4	20.6	12	M8×12	10.2	9	12.6	34	29	14	12	9	80	20	M8×25	49.52	102.87	1.73	1.20	1.20	1.14	6.30	o		
GSL35RI							72	105.8	138.2	22.5																60.21	136.31	2.29	2.08	2.08	1.52		o
GSL45SI	60	9.5	20.5	86	60	13	60	97	139.4	23	12.9	M10×17	16	8.5	20.5	45	38	20	17	14	105	22.5	M12×35	77.57	155.93	3.01	2.35	2.35	2.08	10.41	o		
GSL45RI							80	128.8	171.2	28.9																94.54	207.12	4.00	4.07	4.07	2.75		o
GSL55SI	70	13	23.5	100	75	12.5	75	117.7	166.7	27.35	12.9	M12×18	17.5	12	19	53	44	23	20	16	120	30	M14×45	114.44	227.81	5.66	4.06	4.06	3.25	15.08	o		
GSL55RI							95	155.8	204.8	36.4																139.35	301.26	7.49	7.01	7.01	4.27		o

Note: 1 kgf = 9.81 N

Linear Motion

GSR-T

Dimensions for GSR-T (Rail Mounting from Bottom)



Model No.	Dimensions of Rail(mm)						Weight kg/m
	W_R	H_R	S	h	P	E	
GSR15T	15	15	M5X0.8P	8	60	20	1.48
GSR20T	20	17.5	M6X1P	10	60	20	2.29
GSR25T	23	22	M6X1P	12	60	20	3.35
GSR30T	28	26	M8X1.25P	15	80	20	4.67
GSR35T	34	29	M8X1.25P	17	80	20	6.51
GSR45T	45	38	M12X1.75P	24	105	22.5	10.87
GSR55T	53	44	M14X2P	24	120	30	15.67
GSR65T	63	53	M20X2.5P	30	150	35	21.73