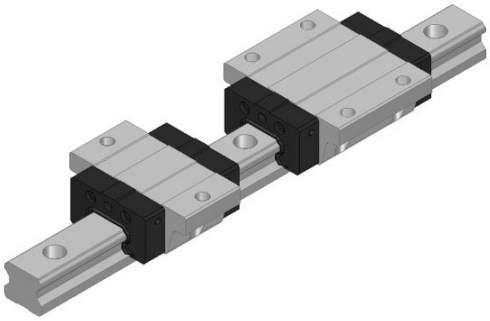
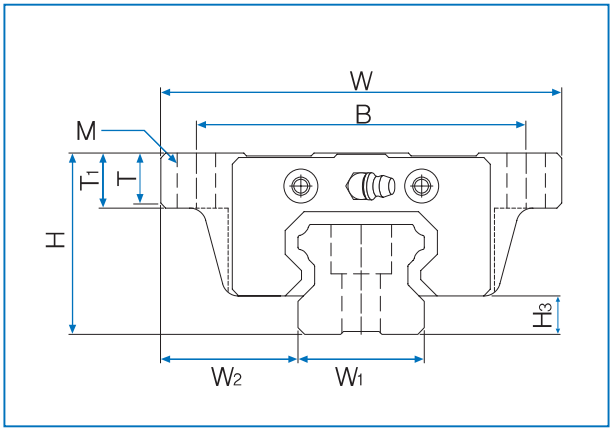
S-SCF Series, S-SF Series





Model No.	External dimensions			Dimensions of LM block									
	Height H	Width W	Length L	B	C	M x ℓ	L1	T	T1	N	E	Grease nipple	H3
S 15SCF	24	52	40.2	41	–	M5	24	6	7	6	6	A–M4	4.5
S 15SF			56.9		26		40.7						
S 20SCF	28	59	47.2	49	–	M6	27.6	8	9	5.5	12	B–M6F	6
S 20SF			66.3		32		46.7						
S 25SCF	33	73	59.1	60	–	M8	34.4	9	10	6	12	B–M6F	7
S 25SF			83		35		58.2						

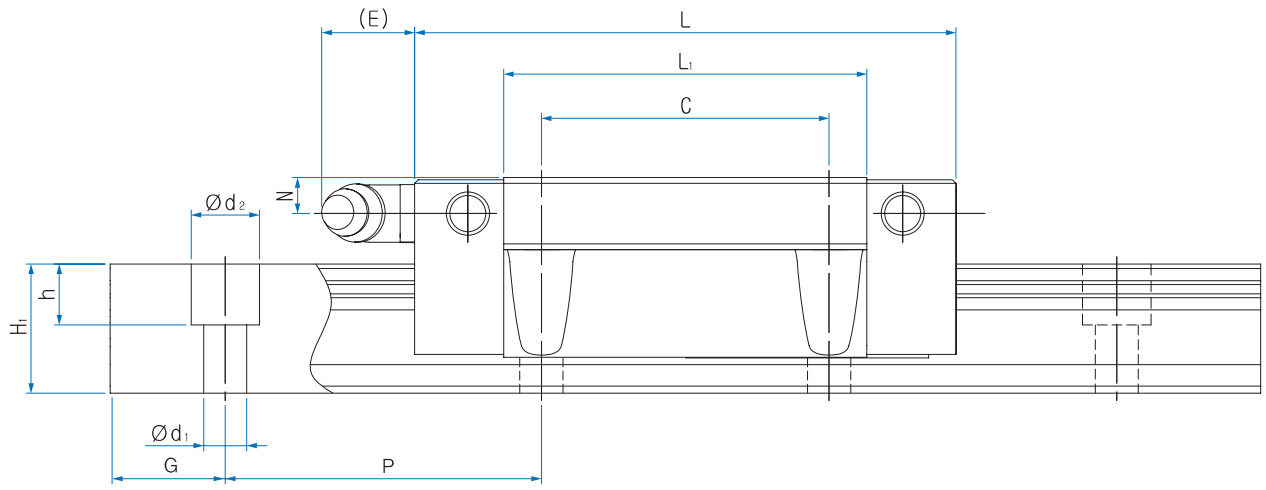
Composition of Model No.

S25 | S | F | SS | 2 | G2 — 1000L | 20/40 | P | A | T | Z — 2

1 2 3 4 5 6 7 8 9 10 11 12 13

1 Model No. of Linear Motion Guide
2 Type of block : No symbol–Full-ball type / S–Spacer retainer type
3 Form of block : C–Rectangular standard type / R–Rectangular long type / CF–Flange standard type / F–Flange long type
4 Type of seal : UU–End seal / SS–End seal + Inside seal / ZZ–End seal + Inside seal + metal scraper (*1)
5 Number of blocks combined in 1 rail
6 Symbol of clearance : No symbol–Normal preload / G1–Light preload / G2–Heavy preload / Gs–Special preload (*2)
7 Length of rail
8 Size of G value : standard G value has no symbol.
9 Symbol of precision : No symbol–Moderate precision / H–High precision / P–Precision / SP–Super Precision / UP–Ultra Precision (*3)
10 No symbol–Rail counter bore type (A topside assembly) / A– Rail tap hole type (an underside assembly)
11 Connection symbol
12 Special symbol
13 Number of axis used on the same surface

(*1) See P85 Symbol List of Optional Parts (*2) See P17 Radial Clearance
(*3) See P24 Selection of Precision Class



Unit : mm

Dimensions of LM Rail						Basic load rating		Static allowance moment kN·m					Mass	
Width W1 ±0.05	W2	Heigh H1	Value G	Pitch P	d1 x d2 x h	C kN	Co kN	Mp		My		Mr	LM Block kg	LM Rail kg/m
								1	2(contact)	1	2(contact)	1		
15	18.5	13	20	60	4.5x7.5x5.3	7.8	8.9	0.037	0.201	0.037	0.201	0.071	0.125	1.3
						11.3	15.1	0.108	0.517	0.108	0.517	0.121	0.203	
20	19.5	16.5	20	60	6x9.5x8.5	10.9	11.7	0.057	0.307	0.057	0.307	0.123	0.187	2.2
						15.8	19.8	0.162	0.785	0.162	0.785	0.209	0.301	
23	25	20	20	60	7x11x9	17.6	18.3	0.111	0.601	0.111	0.601	0.221	0.320	3.0
						25.4	31.0	0.316	1.532	0.316	1.532	0.373	0.527	

1N≒0.102kgf