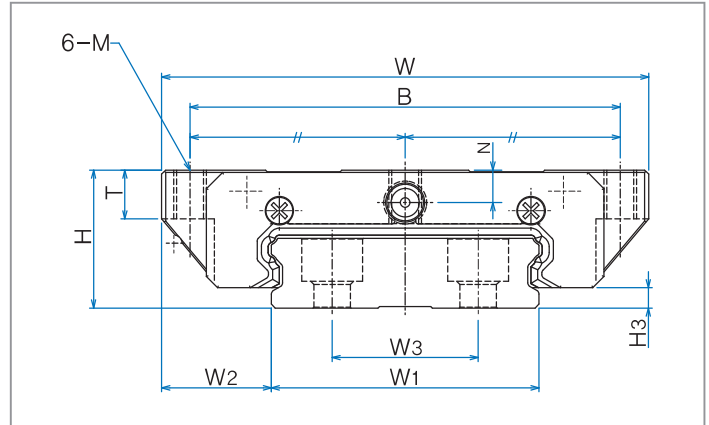
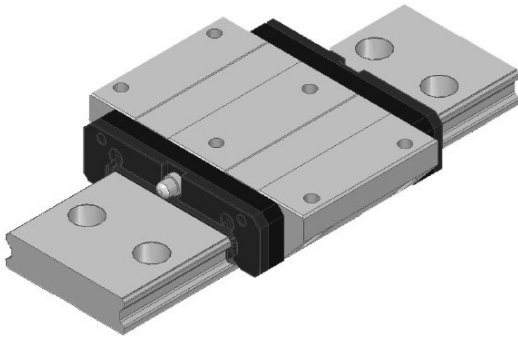
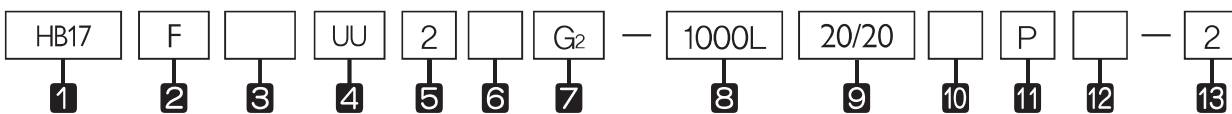


## HB-F Series



Model No.	External dimensions			Dimensions of block								
	Height H	Width W	Length L	B	C	M	L <sub>1</sub>	T	N	E	Grease nipple	H <sub>3</sub>
HB17F	17	60	51	53	26	M4	37.4	6	4	3.5	A-Ø3	2.5
HB21F	21	68	59	60	29	M5	45.4	8	5	3.5	A-Ø3	3.3
HB27F	27	80	72.5	70	40	M6	54.7	10	6	10.3	B-M6F	3.5
HB35F	35	120	105.3	107	60	M8	82.1	14	7.6	10.3	B-M6F	4

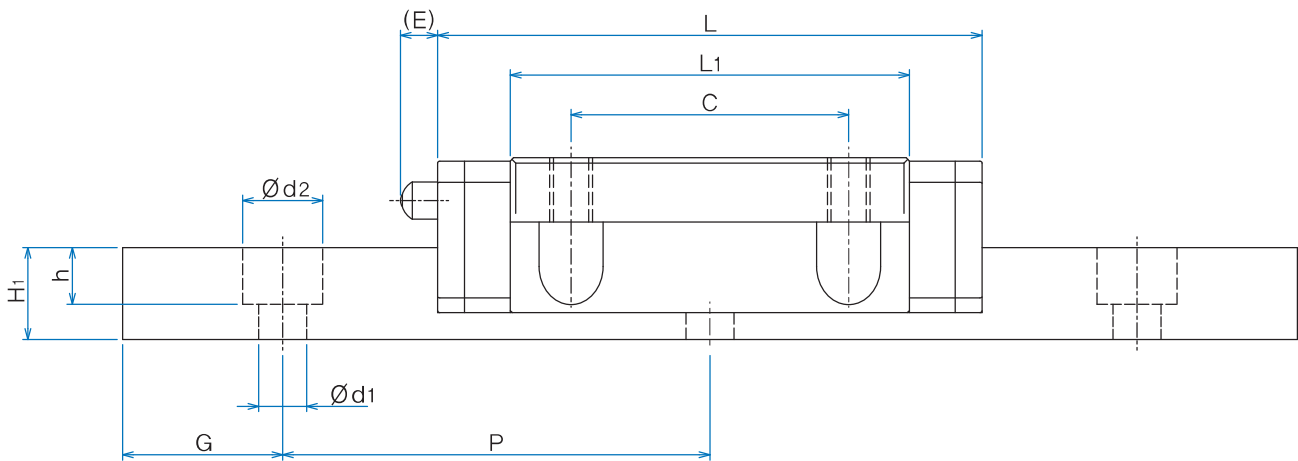
### Composition of Model Name & Number



- 1 Model No.
- 2 Type of block : F-Flange standard type / R-Rectangular standard type
- 3 No symbol-Standard block / E-Special block specification
- 4 Type of seal : No symbol-No seal / UU-End seal / SS-End seal+ Inside seal / ZZ-End seal+ Inside seal+ Metal scraper/ UULF -End seal+ LF seal / SSLF-End seal+ Inside seal+ LF seal / ZZLF-End seal+ Inside seal+ Metal scraper + LF seal (\*1)
- 5 Number of blocks assembled in one shaft
- 6 No symbol-Full ball type
- 7 Symbol of clearance : No symbol-Normal preload / G<sub>1</sub>-Light preload / G<sub>2</sub>-Heavy preload / G<sub>s</sub>-Special preload (\*2)
- 8 Length of rail
- 9 Size of G value: standard G value has no symbol
- 10 No symbol-Rail counterbore type (top assembly)
- 11 Symbol of precision : No symbol-Moderate / H-High / P-Precision / SP-Super precision / UP-Ultra precision (\*3)
- 12 No symbol-Standard rail / E-special rail specification
- 13 Number of axes used in the same plane

(\*1) See Symbol List of Optional Parts at page 113. (\*2) See Radial Clearance at page 30.

(\*3) See Selection of Precision Class at page 32.



Unit : mm

Width $W_1$ $0$ $-0.05$	Dimensions of rail						Basic load rating		Static allowance moment (N·m)					Mass	
	$W_2$	$W_3$	Height $H_1$	$G$	Pitch $P$	$d_1 \times d_2 \times h$	$C$ iN	$C_0$ iN	$M_D$		$M_V$		$M_r$	Block kg	Rail kg/m
									1 block	Double blocks	1 block	Double blocks	1 block		
33	13.5	18	8.6	15	40	4.5x7.5x5.3	7.3	12.2	0.081	0.381	0.081	0.381	0.205	0.15	1.9
37	15.5	22	11	15	50	4.5x7.5x5.3	8.4	14.8	0.119	0.547	0.119	0.547	0.278	0.24	2.9
42	19	24	15	20	60	4.5x7.5x5.3	15.3	24.8	0.239	1.114	0.239	1.114	0.527	0.47	4.5
69	25.5	40	19	20	80	7x11x9	33.9	53.2	0.773	3.528	0.773	3.528	1.851	1.40	9.6

1N  $\approx$  0.102kgf

