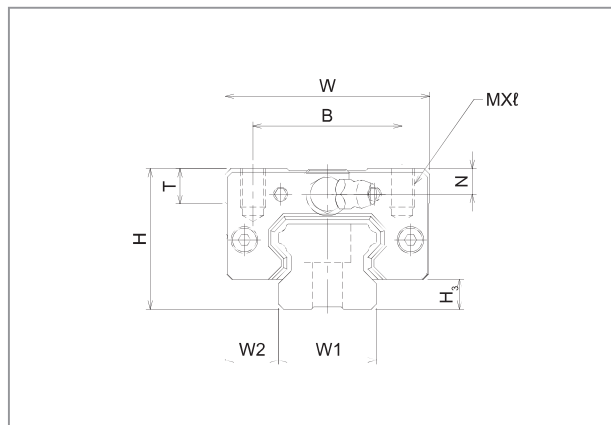
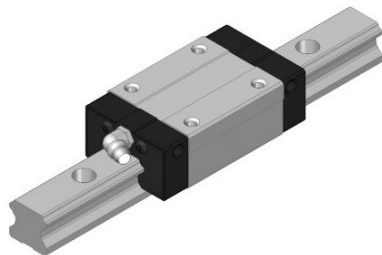
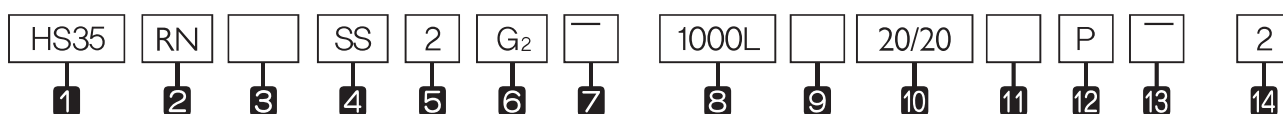


HS-RN Series, HS-RL Series



Model No.	External dimensions			Dimensions of block											
	Height H	Width W	Length L	B	C	Mxℓ	L ₁	T	N	E	f	e	D	Grease nipple	H ₃
HS25RN	36	48	83.2	35	35	M6x6.5	58.3	8	9	10.2	8	5	3.3	B-M6F	7
HS25RL			103.1				78.2								
HS30RN	42	60	99.3	40	40	M8x8	70.8	8	8.2	9.8	5.9	5.8	5.2	B-M6F	7
HS30RL			121.5				93								
HS35RN	48	70	111.8	50	50	M8x10	80.8	15	10	9.7	8.5	6.5	5.2	B-M6F	7.5
HS35RL			137.2				106.2								

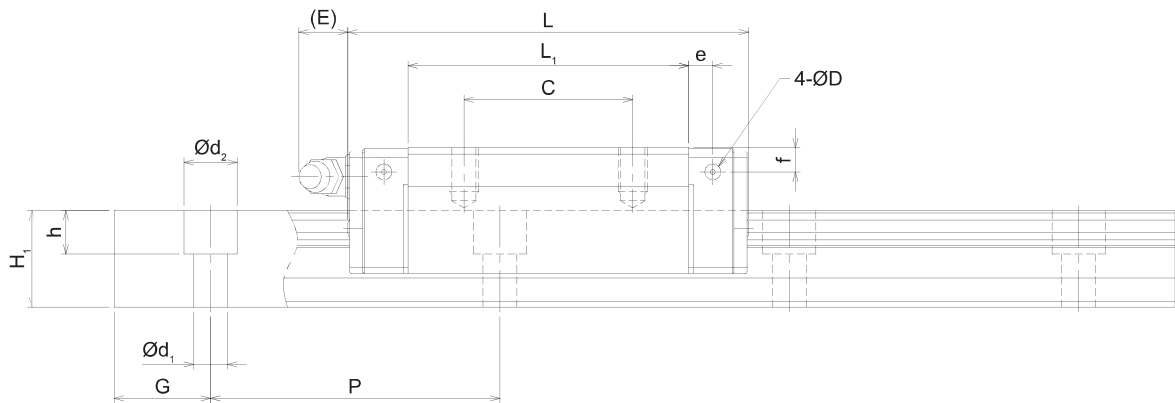
Composition of Model Name & Number



- 1 Model No.
 - 2 Type of block : RC–Rectangular short type / RN–Rectangular standard type / FC–Flange short type/ FN–Flange 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+Side seal+Inner seal / DD–Double seal+Side seal+Inner seal / ZZ–End seal+Side seal+Inner seal+Metal scraper / KK–Double seal+Side seal+Inner seal+Metal scraper / UULF–End seal+LF seal / SSLF–End seal+Side seal+Inner seal+LF seal / DDLF–Double seal+Side seal+Inner seal+LF seal / ZZLF–End seal+Side seal+Inner seal+Metal scraper+LF seal / KKLf–Double seal+Side seal+Inner seal+Metal scraper+LF seal (*1)
 - 5 Number of blocks assembled in one shaft
 - 6 Symbol of clearance : No symbol–Normal preload / G₁–Light preload / G₂–Heavy preload / G_s–Special preload (*2)
 - 8 Material of end plate : No symbol - Standard material / I - Stainless / N - Aluminum
 - 9 Length of rail
 - 10 Material of rail : No symbol–Standard material / M–Stainless
 - 11 Size of G value: standard G value has no symbol
 - 12 No symbol–Rail counterbore type (top assembly) / A–Rail tap hole type (bottom assembly) (*3)
 - 13 Symbol of precision : No symbol–Moderate / H–High / P–Precision / SP–Super precision / UP–Ultra precision (*4)
 - 14 No symbol–Standard rail / E–special rail specification
- 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 Standard Tap Hole Type of Rail at page 89. (*4) See Selection of Precision Class at page 32.



Unit : mm

Dimensions of rail						Basic load rating		Static allowance moment (N·m)					Mass	
Width W ₁ ±0.05	W ₂	Height H ₁	G	Pitch P	d ₁ x d ₂ x h	C iN	C ₀ iN	M _p		M _y		M _r	Block kg	Rail kg/m
								1 block	Double blocks	1 block	Double blocks	1 block		
23	12.5	20	20	60	7x11x9	27.0	33.1	0.337	1.636	0.337	1.636	0.398	0.53	3.0
						32.8	43.6	0.596	2.760	0.596	2.760	0.525	0.71	
28	16	25.1	20	80	9x14x14.1	50.4	57.1	0.711	3.384	0.711	3.384	0.828	0.9	4.85
						60.3	73.6	1.203	5.506	1.203	5.506	1.067	1.1	
34	18	27	20	80	9x14x13	67.0	74.6	1.062	5.012	1.062	5.012	1.298	1.5	6.58
						80.2	96.2	1.797	8.172	1.797	8.172	1.674	2.01	

1N ≈ 0.102kgf

