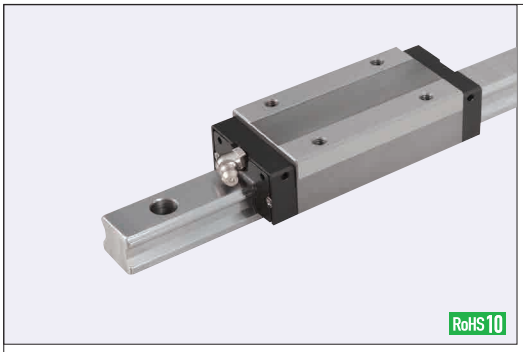
Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.

C-VALUE Linear Guides for Extra Super Heavy Load

Normal Clearance

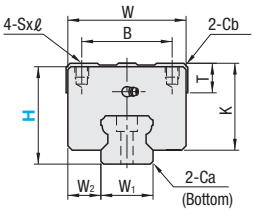
Similar Products Comparison Points | Select C-VALUE Products for medium-accuracy positioning, medium/low load, and medium-to-low frequency drive applications. When you consider using C-VALUE Products, select an appropriate model after comparing the specifications with those of the existing products. ☞P.585



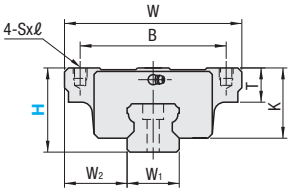
	Type		L Dimension	M Material H Hardness
	1 block	2 blocks		
Standard Block	C-SER	C-SE2R	Selectable	Rails / Blocks: Carbon Steel 58~62HRC
	C-SERL	C-SE2RL	Configurable	
Wide Block	C-SEWT	C-SE2WT	Selectable	
	C-SEWTL	C-SE2WTL	Configurable	

Heat Resistant Temperature: -20 ~ 80°C

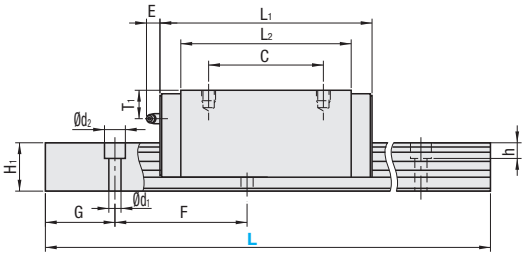
The mounting dimensions are same for the existing and C-VALUE Products.



Standard



Wide Block



For L Configurable, G dimensions differ from those shown in the table below. For details, see ☞ P. 531.

Precautions for Use

- This product is All Ball Type. Blocks are equipped with retainers to prevent balls from derailing. For how to handle the blocks, see ☞ P. 525.
- For Interchangeable, Light Preload Type, rails and blocks can be interchanged.
- Straight grooves are provided on datum planes. Be sure to match the datum lines when using.
- Rails cannot be connected end to end.
- The accuracy of Linear Guides is guaranteed after mounting the rail (after fastening screws on the rail and pushing it onto the datum plane).
- Minor bending of the rail will be adjusted after being mounted and will not affect the performance.

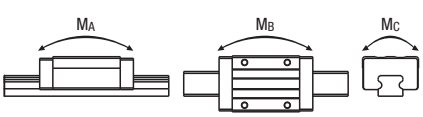
Others

- Filled with Lithium soap based grease (Alvania Grease S2 by Showa Shell Sekiyu K.K).
- Grease Fittings: Straight Type for H24 and Angled Type for products whose H is other than 24.
- Grease Fitting is screw-in type, and thus, can be repositioned.
- For installation and maintenance of Linear Guides, see ☞ P. 529.

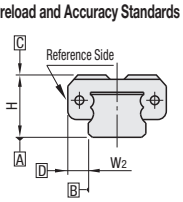
	Part Number			L	Block Dimension												Guide Rail Dimension						
	Type		H		W	L1	B	C	Sxℓ	L2	K	T	Cb	Grease Fitting			H1	W1	W2	Ca	Counterbored Hole	F	G
	1 block	2 blocks												Mounting Hole	E	T1					d1xd2xh		
Standard	C-SER C-SERL	C-SE2R C-SE2RL	30	160~1960 (220)	44	98	32	50	M5x5	78	25.4	8.2	0.5	M4x0.7	14	6.5	16.5	20	12	0.5	6x9.5x8.5	60	20
			40	160~1960 (220)	48	109	35	50	M6x6.5	88	34.2	12.15	1.0	M6x1	14	11.5	20	23	12.5	0.9	7x11x9	60	20
			45	200~1960 (280)	60	131	40	60	M8x10	105	38	11	1.0	M6x1	14	11	23	28	16	1.0	9x14x12	80	20
Wide Block	C-SEWT C-SEWTL	C-SE2WT C-SE2WTL	30	160~1960 (220)	63	98	53	40	M6x10	78	25.4	10	–	M6x1	14	6.5	16.5	20	21.5	0.5	6x9.5x8.5	60	20
			36	160~1960 (220)	70	109	57	45	M8x12	88	30.2	12	–	M6x1	14	7.5	20	23	23.5	0.9	7x11x9	60	20
			42	200~1960 (280)	90	131	72	52	M10x15	105	35	15	–	M6x1	14	8	23	28	31	1.0	9x14x12	80	20

kgf=N×0.10972

H	Basic Load Rating		Allowable Static Moment			Mass		
	C (Dynamic) kN	Co kN	MA N·m	MB N·m	MC N·m	Block kg Standard	Block kg Wide	Guide Rail kg/m
30	11.3	24.8	260.7	260.7	263.3	0.38	0.53	2.28
36 40	14.8	31.9	380.2	380.2	388.9	0.68	0.78	3.17
42 45	21.8	45.7	654.1	654.1	672.9	1.12	1.77	4.54



Preload and Accuracy Standards



Interchangeable, Light Preload Type

Radial Clearance (μm)	
H24 H30	-5~+5
H36 H40	-6~+6
H42 H45	-7~+7

Dimensional Accuracy (μm)	
Height H Tolerance	±120
Variation of Height H	40
Width W2 Tolerance	±120
Variation of Width W2	40
Running Parallelism of Plane C against Plane A	See P. 525
Running Parallelism of Plane D against Plane B	