

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

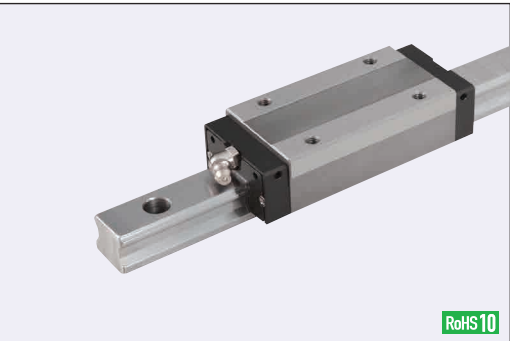
MISUMI
C-VALUE

Linear Guides for Extra Super Heavy Load

Normal Clearance

Similar Products Comparison Points

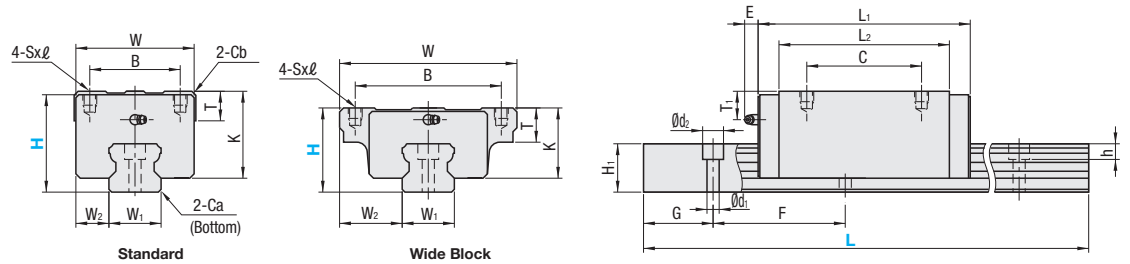
Select C-VALUE Products for medium-accuracy positioning, medium/low load, and medium-to-low frequency drive applications. When you consider using C-VALUE Products, select an appropriate model after comparing the specifications with those of the existing products. **P585**



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



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

- Precautions for Use**

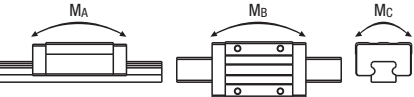
 - This product is All Ball Type. Blocks are equipped with retainers to prevent balls from derailing. For how to handle the blocks, see **P.525**.
 - For interchangeable, Light Preload Type, rails and blocks can be interchanged.
 - Straight grooves are provided on datum planes. Be sure to match the datum 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**.

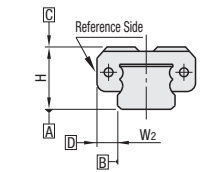
Part Number			H	L	Block Dimension												Guide Rail Dimension								
					Type		W	L ₁	B	C	Sxℓ	L ₂	K	T	Cb	Grease Fitting			H ₁	W ₁	W ₂	Ca	Counterbored Hole d1xd2xh	F	G
1 block	2 blocks	Mounting Hole			E	T ₁																			
Standard	C-SER C-SERL	C-SE2R C-SE2RL	30	220~1960	44	98	32	50	M5x5	78	25.4	8.2	0.5	M4x0.7	14	6.5	16.5	20	12	0.5	6x9.5x8.5	60	20		
			40	220~1960	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	280~1960	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	220~1960	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	220~1960	70	109	57	45	M8x12	88	30.2	12	—	M6x1	14	7.5	20	23	23.5	0.9	7x11x9	60	20		
			42	280~1960	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	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
Running Parallelism of Plane D against Plane B	P.525

Similar Product Page **P585**

Ordering Example	Part Number	-	L
	C-SER30	-	880
	C-SEWT30	-	880

Alterations	Part Number	-	L	-	(B3)
	C-SER30	-	1840	-	B3

Alterations	Code	Spec.
3-Block Specifications	B3	Add 2 blocks to 1-block product to ship as 3-block separate item. Selection Example: C-SER30-400-B3
4-Block Specifications	B4	Add 3 blocks to 1-block product to ship as 4-block separate item. Selection Example: C-SER30-400-B4

L Dimension Configurable Type (10mm Increment)

H	Unit Price			
	1 block		2 blocks	
	C-SERL	C-SEWTL	C-SE2RL	C-SE2WTL
30				
36	-		-	
40		-		-
42	-		-	
45		-		-

For calculation of L Dimension Configurable Type (10mm increment), add the above amount to the unit price of the Selectable Type longer than, and closest to this L Dimension Configurable Type.

Position of Grease Fitting (Reference plane on the front side)



Selectable Shortest Rail Length for B3/B4

H	B3 (3-block)	B4 (4-block)
30	400	460
36, 40	460	580
42, 45	520	600

Additional Block Price

H	Unit Price			
	B3		B4	
	C-SER	C-SEWT	C-SER	C-SEWT
30				
36	-		-	
40		-		-
42	-		-	
45		-		-

	L	Unit Price			
		1 block		2 blocks	
30		C-SER	C-SEWT	C-SE2R	C-SE2WT
	220				
	280				
	340				
	400				
	460				
	520				
	580				
	640				
	700				
	760				
	820				
	880				
	940				
	1000				
	1060				
	1120				
	1180				
	1240				
	1300				
36 (C-SEWT) 40 (C-SER)					
	1360				
	1420				
	1480				
	1540				
	1600				
	1660				
	1720				
	1780				
	1840				
	1900				
	1960				
	2020				
	2080				
	2140				
	2200				
	2260				
	2320				
	2380				
42 (C-SEWT) 45 (C-SER)					
	2440				
	2500				
	2560				
	2620				
	2680				
	2740				
	2800				
	2860				
	2920				
	2980				
	3040				
	3100				
	3160				
	3220				
	3280				
	3340				
	3400				
	3460				
	3520				