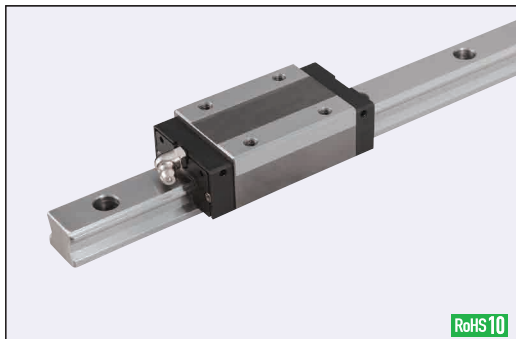


Similar Products Comparison Points

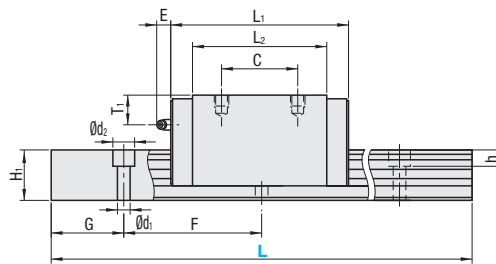
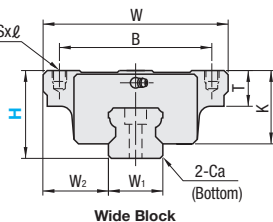
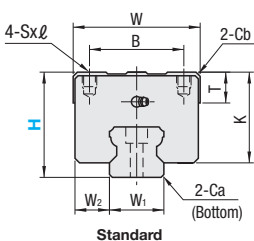
Select C-VALUE Products for medium-accuracy positioning, medium/low load, and medium-to-low frequency drive applications. When you consider using C-VALUE Products, select an appropriate model after comparing the specifications with those of the existing products. **P.581**



	Type		L	Material Hardness
	1 block	2 blocks		
Standard Block	C-SHR	C-SH2R	Selectable	Rails / Blocks: Carbon Steel 58-62HRC
	C-SHRL	C-SH2RL	Configurable	
	C-SHWT	C-SH2WT	Selectable	
	C-SHWTL	C-SH2WTL	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**.
- Radial clearances and accuracies are not guaranteed if the blocks and rails are interchanged from the original set combinations.
- Thick grooves are provided on the datum planes of blocks and rails. Be sure to match the datum planes 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 H28 and Angled Type for H30, H36, H40, H42 and H45.
- 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	L1	B	C	Sxℓ	L2	K	T	Cb	Grease Fitting			H1	W1	W2	Ca	Counterbored Hole d1xd2xh	F	G
	1 block	2 blocks												Mounting Hole	E	T1							
Standard	C-SHR C-SHRL	C-SH2R C-SH2RL	28	100-1960 (160)	34	55.9	26	26	M4x5	39.5	24.8	10.2	0.5	M4x0.7	7	9.5	13	15	9.5	0.5	4.5x7.5x6	60	20
			30	160-1960 (220)	44	74	32	36	M5x5	54	25.4	8.2	0.5	M6x1	14	6.5	16.5	20	12	0.5	6x9.5x8.5	60	20
			40	160-1960 (220)	48	80	35	35	M6x6.5	59	34.2	12.15	1.0	M6x1	14	11.5	20	23	12.5	0.9	7x11x9	60	20
			45	200-1960 (280)	60	95.3	40	40	M8x10	69.3	38	11	1.0	M6x1	14	11	23	28	16	1.0	9x14x12	80	20
Wide Block	C-SHWT C-SHWTL	C-SH2WT C-SH2WTL	24	100-1960 (160)	47	55.9	38	30	M5x8	39.5	20.8	8	-	M4x0.7	7	5.5	13	15	16	0.5	4.5x7.5x6	60	20
			30	160-1960 (220)	63	74	53	40	M6x10	54	25.4	10	-	M6x1	14	6.5	16.5	20	21.5	0.5	6x9.5x8.5	60	20
			36	160-1960 (220)	70	80	57	45	M8x12	59	30.2	12	-	M6x1	14	7.5	20	23	23.5	0.9	7x11x9	60	20
			42	200-1960 (280)	90	95.3	72	52	M10x15	69.3	35	15	-	M6x1	14	8	23	28	31	1.0	9x14x12	80	20

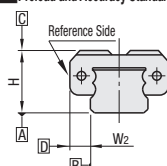
Allowable Load

kgf=N×0.10972

H	Basic Load Rating					Mass		
	C (Dynamic) kN	C0 kN	MA N·m	MB N·m	MC N·m	Block kg		Guide Rail kg/m
						Standard	Wide	
24 28	5.1	10.2	54.2	54.2	79.9	0.20	0.20	1.32
30	8.6	16.8	117.3	117.3	178.6	0.29	0.40	2.28
36 40	11.0	20.8	158.3	158.3	254.0	0.55	0.62	3.17
42 45	16.0	29.4	263.4	263.4	432.5	0.85	1.42	4.54



Preload and Accuracy Standards



Interchangeable, Light Preload Type

Radial Clearance (µm)	
H24 H28	-4~+4
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