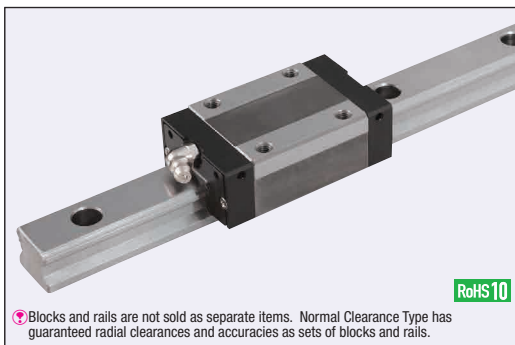




**Points of comparison against similar products** | Select C-VALUE Products for medium-accuracy positioning, medium/low load, and medium-to-low frequency drive application. When you consider using C-VALUE Products, select an appropriate model after comparing the specifications with those of the existing products. **P595, P599**



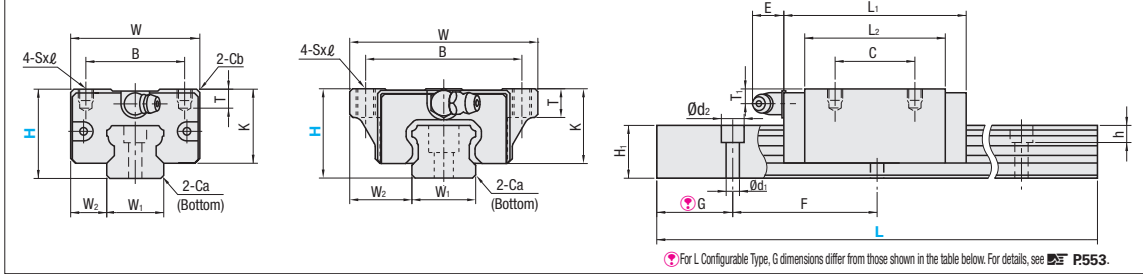
	Type		L Dimension	Material Hardness
	1 block	2 blocks		
Block Standard	C-SXR	C-SX2R	Selectable	Rails / Blocks: Carbon Steel 58HRC~62HRC
	C-SXRL	C-SX2RL	Configurable	
Wide Block Tapped Hole	C-SXWT	C-SX2WT	Selectable	
	C-SXWTL	C-SX2WTL	Configurable	

Heat Resistant Temperature: -20 ~ 80°C

For L Dimension Configurable Type, any L dim. on the Price List is not available.  
 C-SXRL24-170 (Configurable): ○  
 C-SXRL24-160 (Selectable): × ... Place order for C-SXR24-160 (Selectable)

Blocks and rails are not sold as separate items. Normal Clearance Type has guaranteed radial clearances and accuracies as sets of blocks and rails.

The installation dimensions are same for the existing and C-VALUE Products (except for Rail Counterbored Hole dia. corresponding to H dim. 24).



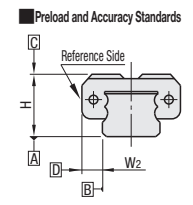
- Precautions for Use**
  - This product is All Ball Type. Blocks are equipped with retainers to prevent balls from derailing. For how to handle the blocks, see **P547**.
  - Radial clearances and accuracies are not guaranteed if the blocks and rails are interchanged from the original set combinations.
  - 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 securing 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 secured 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 H28 and H33.
  - Grease Fitting is screw-in type, and thus, can be repositioned.
  - For installation and maintenance of Linear Guides, see **P551**.

H	Type	H	L	Block Dimension										Guide Rail Dimension								
				W	L1	B	C	Sxℓ	L2	K	T	Cb	Grease Fitting			H1	W1	W2	Ca	Counterbored Hole d1xdzxh	F	G
				Mounting Hole	E	T1																
Standard	(1 block) C-SXR (2 blocks) C-SX2R C-SXRL C-SX2RL	24	100~1480 (160)	34	55.9	26	26	M4x5	39.5	20.8	6.2	0.5	M4x0.7	7	5.5	13	15	9.5	0.5	4.5x7.5x6	60	20
		28	100~1960 (160)	42	66.7	32	32	M5x5	46.7	23.4	7.2	0.5	M6x1	14	4.5	16.5	20	11	0.5	6x9.5x8.5	60	20
		33	100~1960 (220)	48	80	35	35	M6x6	59	27.2	8.15	1	M6x1	14	4.5	20	23	12.5	0.9	7x11x9	60	20
		42	120~1960 (280)	60	95.3	40	40	M8x8	69.3	35	8.5	1.0	M6x1	14	8	23	28	16	1	9x14x12	80	20
Wide Block	(1 block) C-SXWT (2 blocks) C-SX2WT C-SXWTL C-SX2WTL	24	100~1480 (160)	52	55.9	41	26	M5x7	39.5	20.8	7	-	M4x0.7	7	5.5	13	15	18.5	0.5	4.5x7.5x6	60	20
		28	100~1960 (160)	59	66.7	49	32	M6x9	46.7	23.4	9	-	M6x1	14	4.5	16.5	20	19.5	0.5	6x9.5x8.5	60	20
		33	100~1960 (220)	73	80	60	35	M8x10	59	27.2	10	-	M6x1	14	4.5	20	23	25	0.9	7x11x9	60	20
		42	120~1960 (280)	87	95.3	70	40	M10x10	69.3	35	11.0	-	M6x1	14	8	23	28	16	1	9x14x12	80	20

L Dimension: Dimensions in ( ) are for 2-Block Type.  
 Both ends of the rail are evenly cut for L Dimension Configurable Type. G dim. resulting from this cutting process will become other than indicated on the above table. For details about how to calculate the applicable G dim., see **P553**.

**Allowable Load**  $kgf=N \times 0.10972$

H	Basic Load Rating			Allowable Static Moment			Mass		
	C (Dynamic) kN	Co kN	MA N·m	Mb N·m	Mc N·m	Block kg		Guide Rail kg/m	
						Standard	Wide		
24	4.9	9.7	48.4	48.4	75.7	0.13	0.17	1.32	
28	7.7	14.1	81.9	81.9	150.4	0.18	0.24	2.28	
33	10.6	19.7	141.2	141.2	240.8	0.3	0.44	3.17	
42	15.5	28.1	239.9	239.9	414.8	0.77	-	4.54	

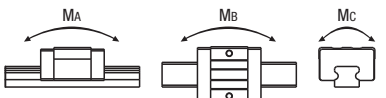


**Normal Clearance Type**

Radial Clearance (μm)	
H24	-4~+4
H28	-5~+5
H33	-6~+6
H42	-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 P547
Running Parallelism of Plane D against Plane B	See P547



H	L	Unit Price			
		1 block		2 blocks	
		C-SXR	C-SXWT	C-SX2R	C-SX2WT
24	100				
	160				
	220				
	280				
	340				
	400				
	460				
	520				
	580				
	640				
	700				
	760				
	820				
	880				
	940				
	1000				
28	100				
	160				
	220				
	280				
	340				
	400				
	460				
	520				
	580				
	640				
	700				
	760				
	820				
	880				
	940				
	1000				
33	100				
	160				
	220				
	280				
	340				
	400				
	460				
	520				
	580				
	640				
	700				
	760				
	820				
	880				
	940				
	1000				
42	100				
	160				
	220				
	280				
	340				
	400				
	460				
	520				
	580				
	640				
	700				
	760				
	820				
	880				
	940				
	1000				

**L Dimension Configurable Type (10mm Increment) Additional Price**

H	Unit Price			
	1 block		2 blocks	
	C-SXRL	C-SXWTL	C-SX2RL	C-SX2WTL
24				
28				
33				
42				

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.

**Ordering Example**

Part Number - L

C-SXR28 - 880

C-SXWT28 - 880

**Alterations**

Part Number (Type, H) - L - (B3)

C-SXR28 - 640 - 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-SXR24-400-B3
4-Block Specifications	B4	Add 3 blocks to 1-block product to ship as 4-block separate item. Selection Example: C-SXR24-400-B4

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

**Selectable Shortest Rail Length for B3/B4**

H	B3 (3-block)	B4 (4-block)
24	340	400
28	400	460
33	440	520
42	440	520

**Additional Block Price**

H	Unit Price			
	B3: /1Code		B4: /1Code	
	C-SXR	C-SXWT	C-SXR	C-SXWT
24				
28				
33				
42				