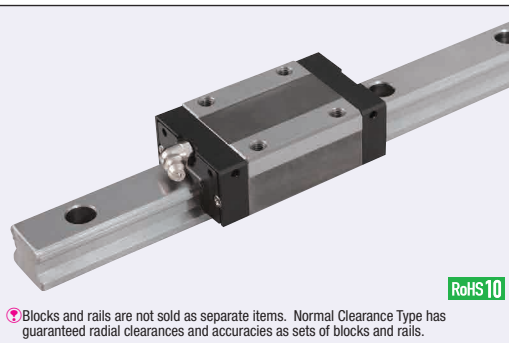
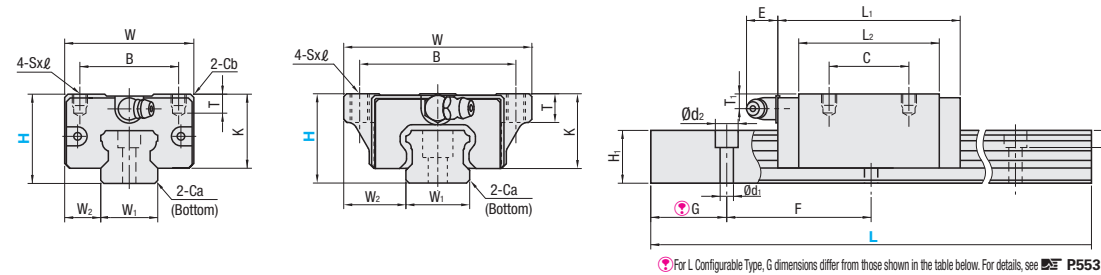


Points of comparison against similar products | Select C-VALUE Products for medium-accuracy positioning, medium/low load, and medium-to-low frequency drive application. When you consider using C-VALUE Products, select an appropriate model after comparing the specifications with those of the existing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



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



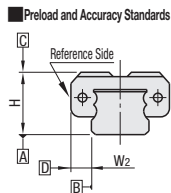
- Precautions for Use**
- This product is All Ball Type. Blocks are equipped with retainers to prevent balls from derailing. For how to handle the blocks, see P547.
 - Radial clearances and accuracies are not guaranteed if the blocks and rails are interchanged from the original set combinations.
 - Thick 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 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	L ₁	B	C	Sxℓ	L ₂	K	T	Cb	Grease Fitting			H ₁	W ₁	W ₂	Ca	Counterbored Hole d1xd2xh	F	G		
														Mounting Hole	E	T ₁									
Standard	(1 block) C-SXR C-SXRL	(2 blocks) C-SX2R 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	160~1960 (220)	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	160~1960 (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	280~1960	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 C-SXWTL	(2 blocks) C-SX2WT 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	160~1960 (220)	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	160~1960 (220)	73	80	60	35	M8x10	59	27.2	10	-	M6x1	14	4.5	20	23	25	0.9	7x11x9	60	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×0.10972

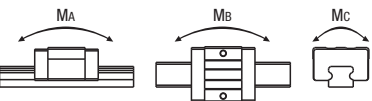
H	Basic Load Rating		Allowable Static Moment			Mass		
	C (Dynamic) kN	Co kN	MA N·m	MB N·m	MC N·m	Block kg		Guide Rail kg/m
						Standard	Wide	
24	4.9	9.7	48.4	48.4	75.7	0.13	0.17	1.32
28	7.7	14.1	81.9	81.9	150.4	0.18	0.24	2.28
33	10.6	19.7	141.2	141.2	240.8	0.3	0.44	3.17
42	15.5	28.1	239.9	239.9	414.8	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 W ₂ Tolerance	±120
Variation of Width W ₂	40
Running Parallelism of Plane C against Plane A	See P547.
Running Parallelism of Plane D against Plane B	



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	1060				
	1120				
	1180				
	1240				
	1300				
	1360				
	1420				
	1480				
	1540				
	1600				
	1660				
	1720				
	1780				
	1840				
	1900				
33	1960				
	2020				
	2080				
	2140				
	2200				
	2260				
	2320				
	2380				
	2440				
	2500				
	2560				
	2620				
	2680				
	2740				
	2800				
	2860				
42	2920				
	2980				
	3040				
	3100				
	3160				
	3220				
	3280				
	3340				
	3400				
	3460				
	3520				
	3580				
	3640				
	3700				
	3760				
	3820				

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)

1 block

2 blocks

3 blocks

4 blocks

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				