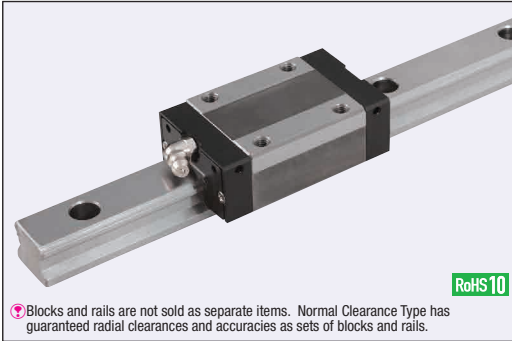




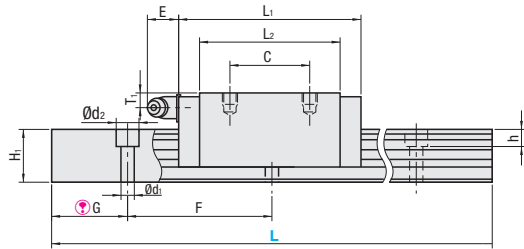
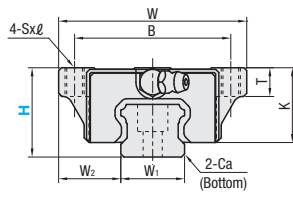
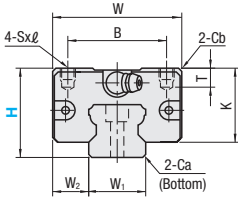
Points of comparison against similar products |

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. **☞ P.595, P.599**



☞ 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).



☞ For L Configurable Type, G dimensions differ from those shown in the table below. For details, see **☞ P.553**.

■ 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.547**.
- ☞ 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 **☞ P.551**.

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 d1xdzxh	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	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 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	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

☞ L Dimension: Dimensions in () are for 2-Block Type.

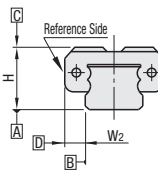
☞ Both ends of the rail are evenly cut for L Dimension Configurable Type. G dim. resulting from this cutting process will become other than indicated on the above table. For details about how to calculate the applicable G dim., see **☞ P.553**.

■ 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

■ Preload and Accuracy Standards



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
Running Parallelism of Plane D against Plane B	P.547

