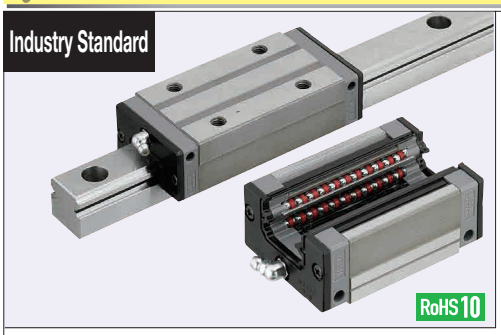
Linear Guides for Extra Super Heavy Load

With Plastic Retainers, Interchangeable, Light Preload

Similar Products Comparison Points | **Select this product for high precision positioning, heavy load, and high frequency drive application.**

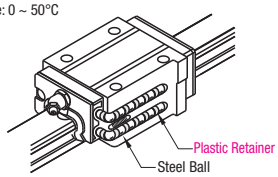
Industry Standard

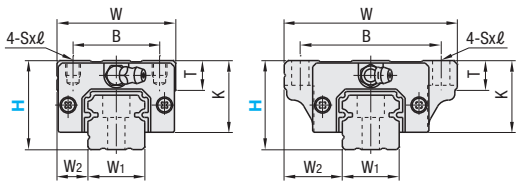


RoHS 10

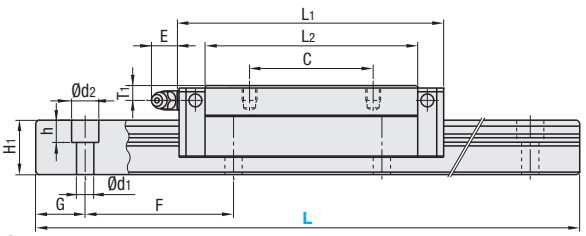
	Type		Block	Rail	L Dimension	Material / Hardness
	1 block	2 blocks				
Standard	SERZ	SE2RZ	SERB	SHZL	Selectable	Carbon Steel 58HRC ~
	SERLZ	SE2RLZ		SHZLF	Configurable	
Wide Block Through Hole	SEWZ	SE2WZ	SEWB	SHZL	Selectable	
	SEWLZ	SE2WLZ		SHZLF	Configurable	
Wide Block Tapped Hole	SEWTZ	SE2WTZ	SEWTB	SHZL	Selectable	
	SEWTLZ	SE2WTLZ		SHZLF	Configurable	

Heat Resistant Temperature: 0 ~ 50°C





Standard Block | Wide Block



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

■Precautions for Use

- Blocks are equipped with retainers to prevent balls from falling off. 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

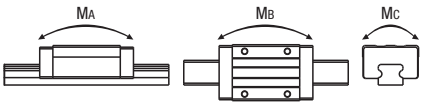
- Filled with Lithium soap based grease (Alvania Grease S2 by Showa Shell Sekiyu K.K).
- Angled Grease Fitting Type
- Grease Fitting is screw-in type, and thus, can be repositioned.
- For Operating Life Calculation, see P.527
- For operating life calculations, use our free calculation software from http://download.misumi.jp/mol/fa_soft.html.

	Part Number Type 1 block	Part Number Type 2 blocks	H	L	Block Dimension W	L1	B	C	Sxℓ	L2	K	T	Grease Fitting Mounting Hole	Grease Fitting E	Grease Fitting T1	Guide Rail Dimension H1	W1	W2	Counterbored Hole d1xd2xh	F	G
Standard Block	SERZ SERLZ	SE2RZ SE2RLZ	30	220~1960	44	91.8	32	50	M5x6	72	25	12	M6xP0.75	11	5	18	20	12	6x9.5x8.5	60	20
	(Block) SERB	(Rail) SHZL SHZLF	36	220~1960	48	107	35	50	M6x6	86	29	12	M6xP0.75	11	6	22	23	12.5	7x11x9	60	20
			42	280~1960	60	124.6	40	60	M8x8	98	33	14	M6xP0.75	11	7	26	28	16	9x14x12	80	20
Wide Block	SEWZ SEWLZ SEWTZ SEWTLZ	SE2WZ SE2WLZ SE2WTZ SE2WTLZ	30	220~1960	63	91.8	53	40	6(M6)	72	25	10	M6xP0.75	11	5	18	20	21.5	6x9.5x8.5	60	20
			36	220~1960	70	107	57	45	7(M8)	86	29	11	M6xP0.75	11	6	22	23	23.5	7x11x9	60	20
	(Block) SEWB SEWTB	(Rail) SHZL SHZLF	42	280~1960	90	124.6	72	52	9(M10)	98	33	11	M6xP0.75	11	7	26	28	31	9x14x12	80	20

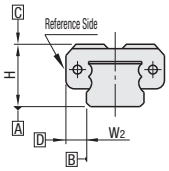
Sxℓ Dimensions: Dimensions in ( ) are for Wide Block Tapped Hole.

kgf=Nx0.101972

H	Basic Load Rating C (Dynamic) kN	Basic Load Rating Co (Static) kN	Allowable Static Moment MA N・m	Allowable Static Moment MB N・m	Allowable Static Moment MC N・m	Mass Block kg Standard	Mass Block kg Wide	Mass Guide Rail kg/m
30	21.6	44.5	360	305	298	0.48	0.65	2.6
36	32	62.5	615	515	490	0.69	0.93	3.6
42	46	91.5	1060	885	870	1.16	1.60	5.2



■Preload and Accuracy Standards **Interchangeable, Light Preload Type**



Radial Clearance (μm)	
H30, 36	-5~0
H42	-7~0

Dimensional Accuracy (μm)	Interchangeable
Height H Tolerance	±20
Pair Variation of Height H	15
Width W2 Tolerance	±30
Pair Variation of Width W2	25
Running Parallelism of Plane C against Plane A	See P.525
Running Parallelism of Plane D against Plane B	