

# Miniature Linear Guides -Wide Rails-

## -Standard Block · Interchangeable, Slight Clearance-

Linear Guide Related Products			
Position-keeping Parts	Rails Height Adjusting Blocks	Blocks Fall-off Prevention Parts Dust Resistant Parts	Blocks / Rails Fixing Parts
P581 ~ P588			

CAD Data

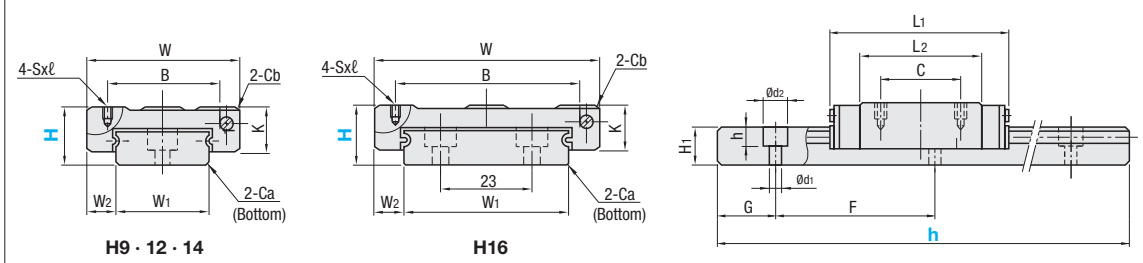
Features: Wide Rail Standard Block Type of industry standard specifications.



Material Hardness	Type		L Dimension	Blocks Quantity	
	Sets	Blocks			
JIS STKM (Alloy Steel including JIS SCM) 58HRC~	SEBWZ	SEWZB	SEWZL	Selectable	1
	SE2BWZ		SEWZLF	Specified	2
	SEBWLZ				
	SE2BWLZ				
Stainless Steel (1.4125/X105CrMo17 Material) 56HRC~	SSEBWZ	SWZB	SWZL	Selectable	1
	SSE2BWZ		SWZLF	Specified	2
	SSEBWLZ				
	SSE2BWLZ				

Heat Resistant Temperature: -20~80°C

Blocks and rails can be used interchangeably with Interchangeable-Slight Clearance Type.



- Precautions for Use**
- Blocks are equipped with retainers (wire) to prevent balls from falling out. Refer to P501
  - Straight grooves are provided on datum planes. Be sure to match the datum lines when using.
  - Rails cannot be connected to be extended.
  - Running parallelism is the value measured after the rail is mounted.
- Others**
- For G dimensions of L Dimension Configurable Type, refer to P507
  - Lithium soap based grease (Multemp Grease PS2 by Kyodo Yushi Co., Ltd.) is filled.

Part Number	Block Dimensions				Guide Rail Dimensions												
	Type	H	W ±0.05	L1	B	C	Sxℓ	L2	K	Cb	W1 ±0.005	W2	H1	Ca	Counterbored Holes d1xd2xh	F	G
JIS STKM (1 Block)	Stainless Steel (1 Block)	9	25	31.1	18	12	M2.6x2.5	20.1	7	0.3	14	5.5	5.2	0.5	3.5x6x3.2	30	10
(2 Blocks) SEBWZ SEBWLZ	(2 Blocks) SSEBWZ SSE2BWLZ	12	30	38	21	12	M2.6x3	27	9	0.3	18	6	7.5	0.5	3.5x6x4.5	30	10
Blocks SEWZB	Rails SEWZL SEWZLF	14	40	44.3	28	15	M3x3.5	30.1	11	0.5	24	8	8	0.5	4.5x8x4.5	40	15
		16	60	55	45	20	M4x4.5	40	13	0.5	42	9	9.5	0.5	4.5x8x4.5	40	15

kgf=Nx0.101972

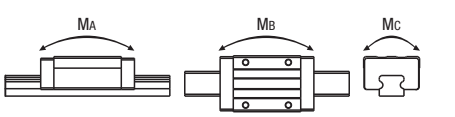
H	Basic Load Rating			Allowable Static Moment			Mass	
	C (Dynamic) kN	Co (Static) kN	MA N·m	MB N·m	MC N·m	Blocks kg	Guide Rails kg/m	
9	1.4	2.2	7.8	7.8	15.5	0.02	0.50	
12	2.3	3.7	13.7	16.3	30.4	0.04	0.96	
14	3.5	5.3	20.6	22.3	52.1	0.08	1.40	
16	5.8	8.5	40.2	43.6	148	0.15	2.95	

**Preload and Accuracy Standards**

Radial Clearance (µm)	
Interchangeable-Slight Clearance	0~15

Dimension Precision (µm)		Standard Grade
Height H Tolerance		±20
Height H Pair Variation		40
Width W2 Tolerance		±25
Width W2 Pair Variation		40
Running Parallelism of surf. C against surf. A		Refer to P501
Running Parallelism of surf. D against surf. B		

Standard Class (Interchangeable-Slight Clearance) meets the above values even after the block is replaced.



**Order Example**

Part Number - L

SSEBWZ12 - 200  
SWZL12 - 200  
SWZB12

SSEBWZ12L - 200 (L Type Greased)  
SSEBWZ12G - 200 (G Type Greased)

Alternative grease types available.  
For Days to Ship, Price and Performance, refer to P507

**Days to Ship**

8 Days 6 Days

Express A 8,00 EUR / piece P. 88

A Express Charge of 21,60 EUR for 3 or more identical pieces.

**Alterations**

Part Number - L - (MC · RLC · LLC)

SSE2BWLZ16 - 450 - MC

MC only 10 Days

Alterations	Code	Spec.	Price Adder
Female Thread Holes	MC	Changes the rail mounting hole from counterbored holes to tapped holes. Express Services not available.	Free of charge
Rail Ends Cut	LLC	Cuts rail ends. Ordering Code LLC	5,00
Rail Ends Cut	RLC	Cuts rail ends. Ordering Code RLC	5,00

**Price**

Volume Discount (Round down to one Cent.) P. 87

Quantity	1~6	7 or 8	9 or 10	11~15
Discount Rate	€ Unit Price	5%	10%	18%

H	Selectable L	€ Unit Price			
		1 Block	2 Blocks	Rails	Blocks
9	50				
	80				
	110				
	140				
	170				
	200				
	230				
	260				
12	290				
	50				
	80				
	110				
	140				
	170				
	200				
	230				
14	260				
	290				
	70				
	110				
	150				
	190				
	230				
	270				
16	310				
	350				
	390				
	430				
	470				
	70				
	110				
	150				
190					
230					
270					
310					
350					
390					
430					
470					
510					
550					
590					
630					
670					

H	L Specified (1mm Increment)	€ Unit Price			
		1 Block	2 Blocks	Rails	Blocks
9	51~79				
	81(98)~109				
	111~139				
	141~169				
	171~199				
	191~229				
	231~259				
	261~289				
12	51~79				
	81(98)~109				
	111~139				
	141~169				
	171~199				
	191~229				
	231~259				
	261~289				
14	71~109				
	111(130)~149				
	151~189				
	191~229				
	231~269				
	271~309				
	311~349				
	351~389				
16	391~429				
	431~469				
	471~509				
	511~549				
	551~589				
	591~629				
	631~669				

Dimensions of L Configurable in ( ) are applicable to 2 Block Type.