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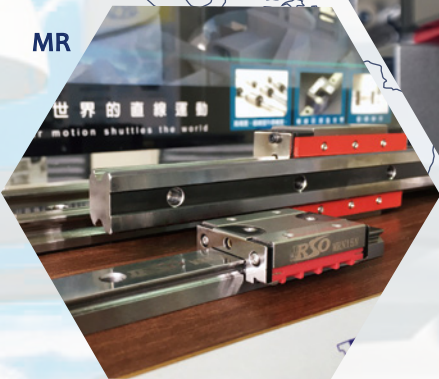
MR







BC/AC  
Seal and dust-proof



MR

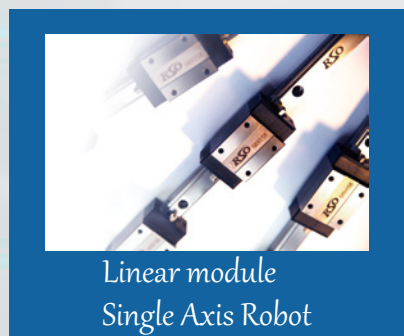


-  MR(mini) Guideway Series
-  SR Guideway Series
-  GR Linear module Single Axis Robot
-  Clean room-grade (optionally available)

The factory of future



Straight ◦ Smooth ◦  
Quiet ◦ Bright ◦

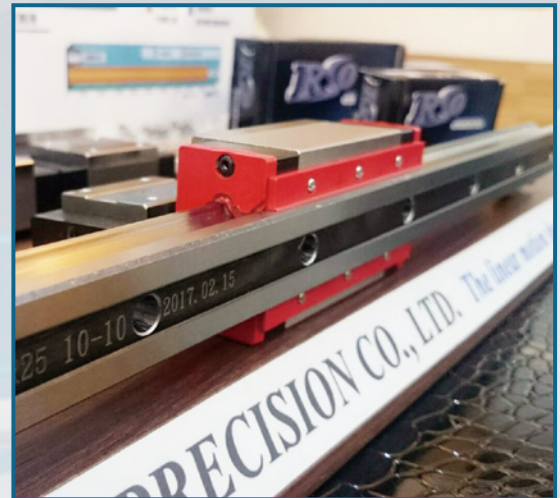
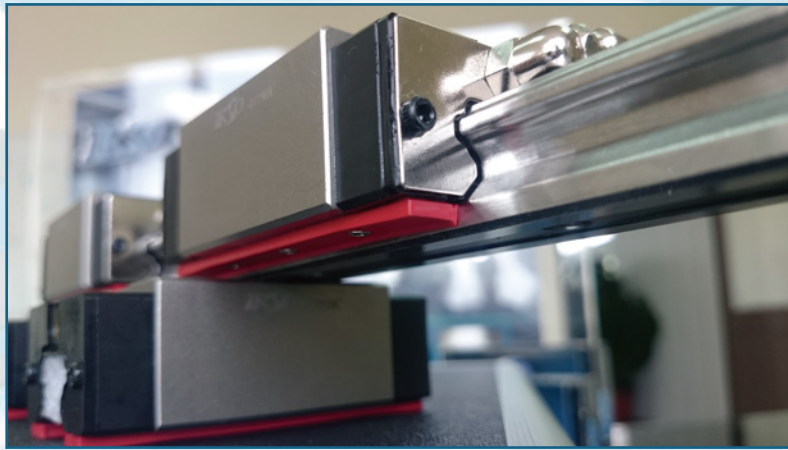


Linear module  
Single Axis Robot

## SR Guideway Series

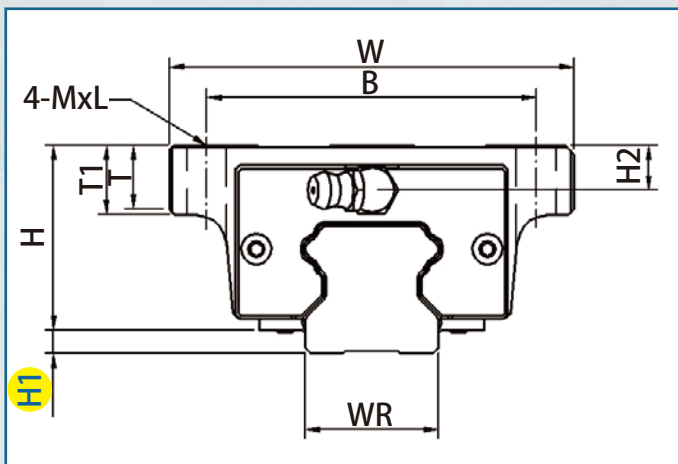
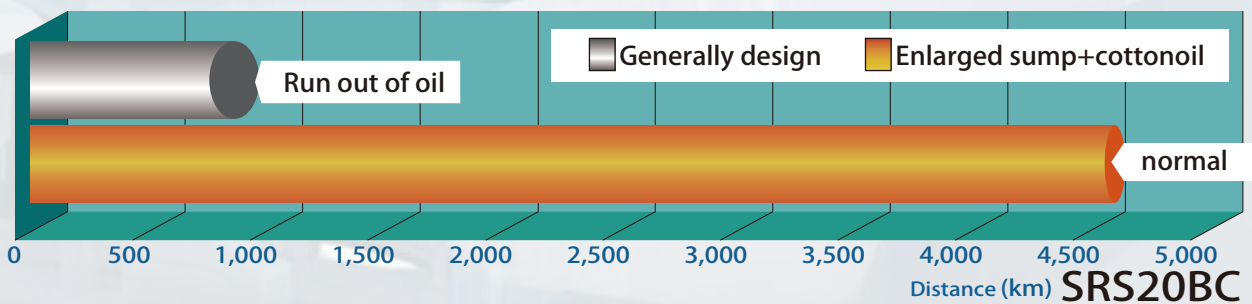
The introduction of BC's sealed and dust-proof

- 1 Long-term lubricate  
Cotton with grease(optionally available)
- 2 High precision  
Low Noise



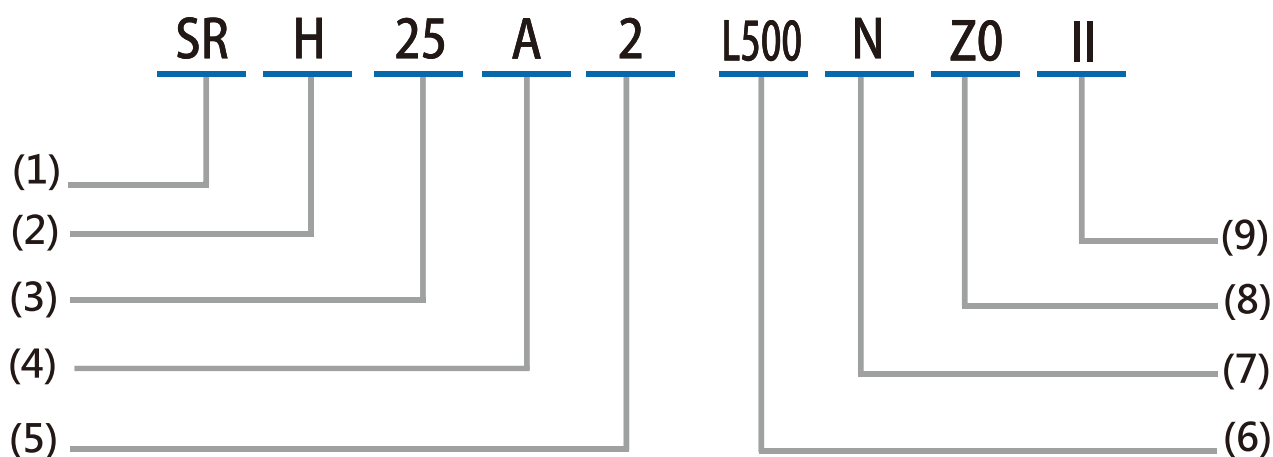
*Long-term lubricate*

- 3 Clean room-grade
- 4 Enhancement of durability  
Metal Lid(optionally available)



Model	Caution !
SRH20AC	1.5
SRH25AC	3.5
SRH20BC	1.5
SRH25BC	3.5
SRS20BC	1.5
SRS25BC	3.5

## Description of Specification



(1) Specification Number

(2) Block type

H: High type

S: Short type

(3) Size

15、20、25、30、35、45

(4) Flange type

A: Flange type, Tapped hole type

B: Square type, Tapped hole type

(5) No. of blocks per rail

(6) Rail length(mm)

(7) Precision code

N、H、P、SP、UP

(8) Preload code

ZF:( 0 )

Z0:( 0 )

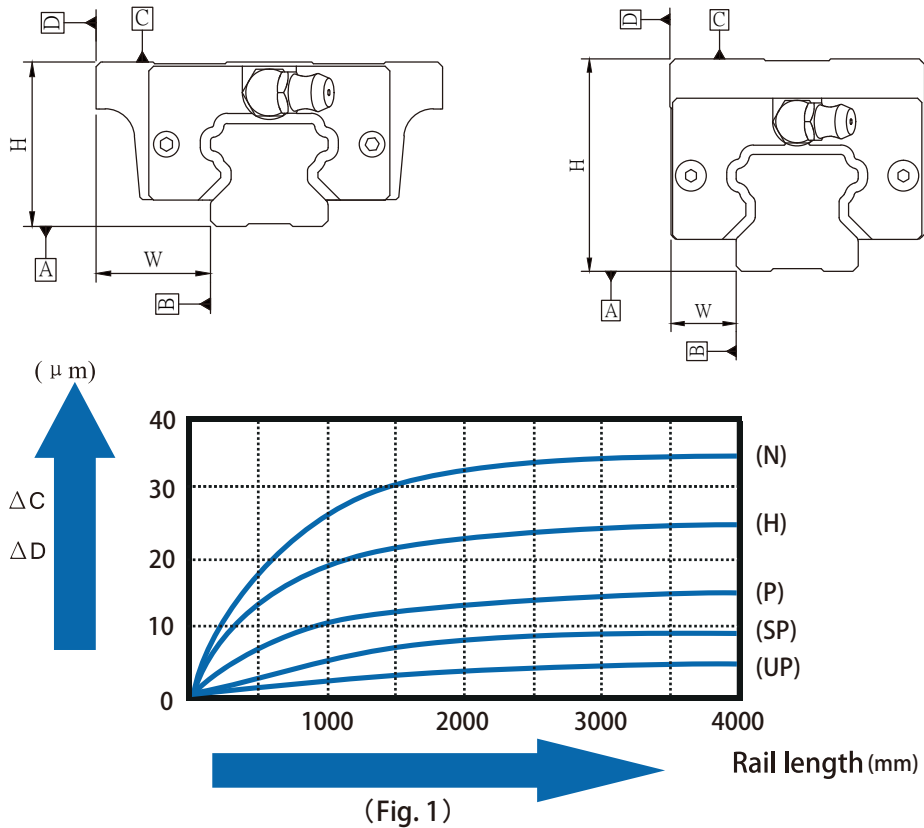
Z1:( 0 ~ 0.02C )

Z2:( 0.02 ~ 0.05C )

Z3:( 0.05 ~ 0.07C )

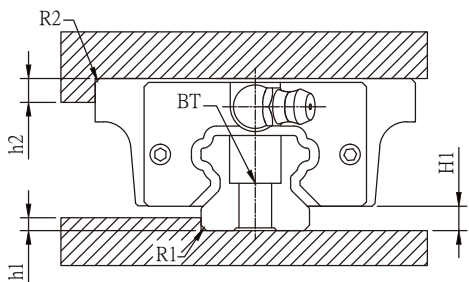
(9) Two rails per axis

# Running accuracy



(Fig. 1)

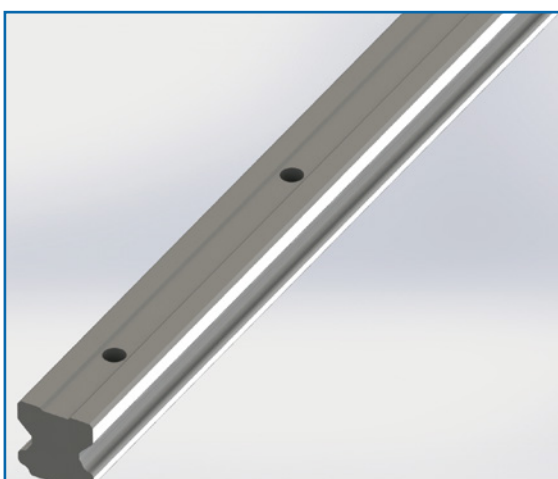
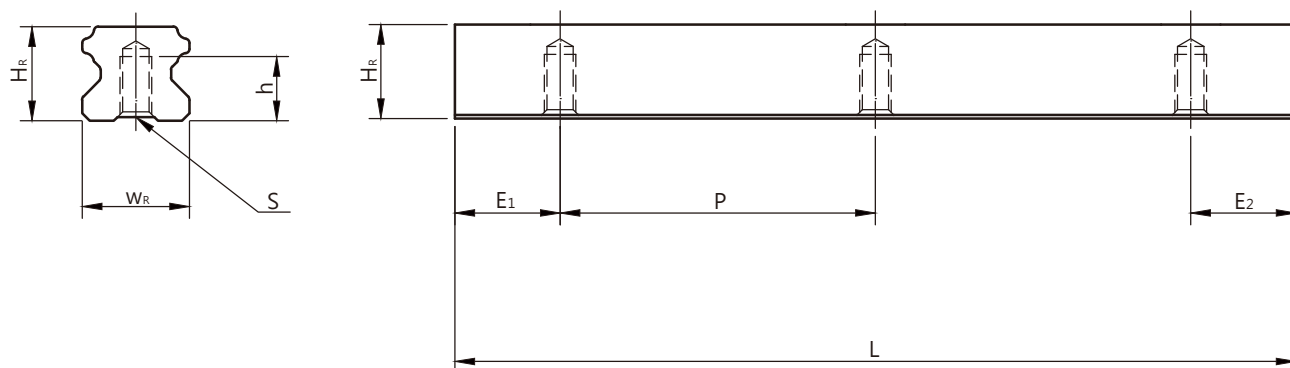
ITEM	Accuracy Grade				
	N	H	P	SP	UP
Dimensional tolerance for height(H)	±0.1	±0.04	0/-0.04	0/-0.02	0/-0.01
Dimensional tolerance for width(W)	±0.1	±0.04	0/-0.04	0/-0.02	0/-0.01
Variation of height (ΔH)	0.03	0.02	0.01	0.005	0.003
Variation of width (ΔW)	0.03	0.02	0.01	0.005	0.003
Running parallelism of block surface C to surface A	Δ C				
Running parallelism of block surface D to surface B	Δ D				



(Fig. 2)

Model	MAX (R1)	MAX (R2)	H1	h1	h2	Bolt Size
SR-15	0.5	0.5	4	3	4	M4 x 16
SR-20	0.5	0.5	4.5	4	5	M5 x 16
SR-25	1	1	6	5	6	M6 x 20
SR-30	1	1	7	6	8	M8 x 25
SR-35	1	1	7	8	8	M8 x 25
SR-45	1	1	9	8	8	M12 x 35

## Dimensions for SR-T (Rail Mounting from Bottom)



Series/ size	Dimensions for rail(mm)						Max.length (mm)	Max.length E1≠E2	Weight (kg/m)
	W <sub>R</sub>	H <sub>R</sub>	S	h	P	E1			
SR15T	15	15	M5x0.8	10	60	20	4000	3960	1.3
SR20T	20	17	M6x1	12	60	20	4000	3960	2.2
SR25T	23	22	M6x1	14	60	20	4000	3960	3.2
SR30T	28	26	M8x1.25	18	80	20	4000	3960	4.5

### Note

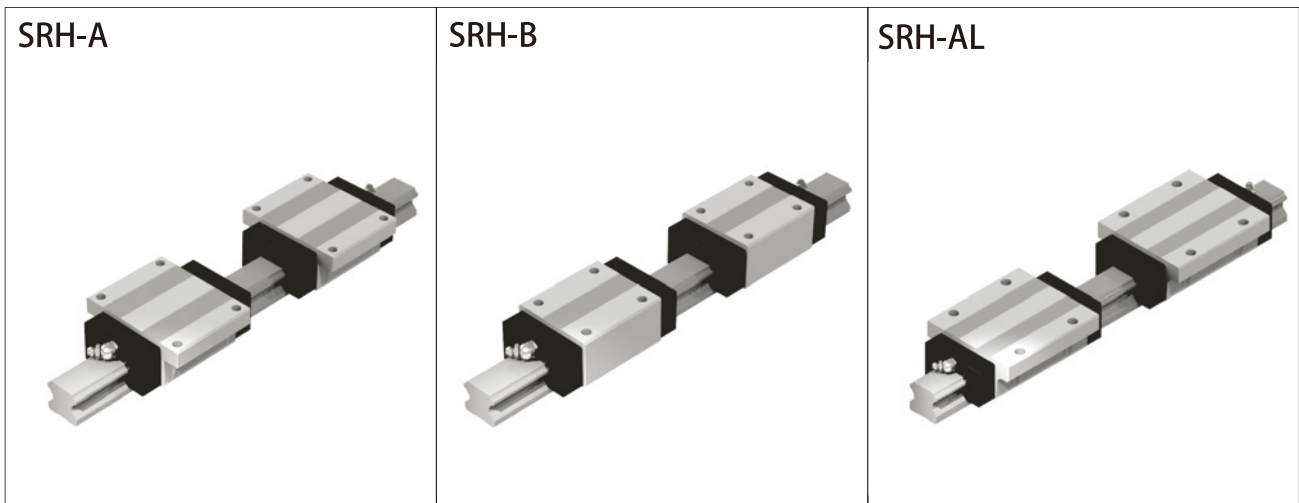
1.The tolerance for E is +0.1 to -0.1 mm.



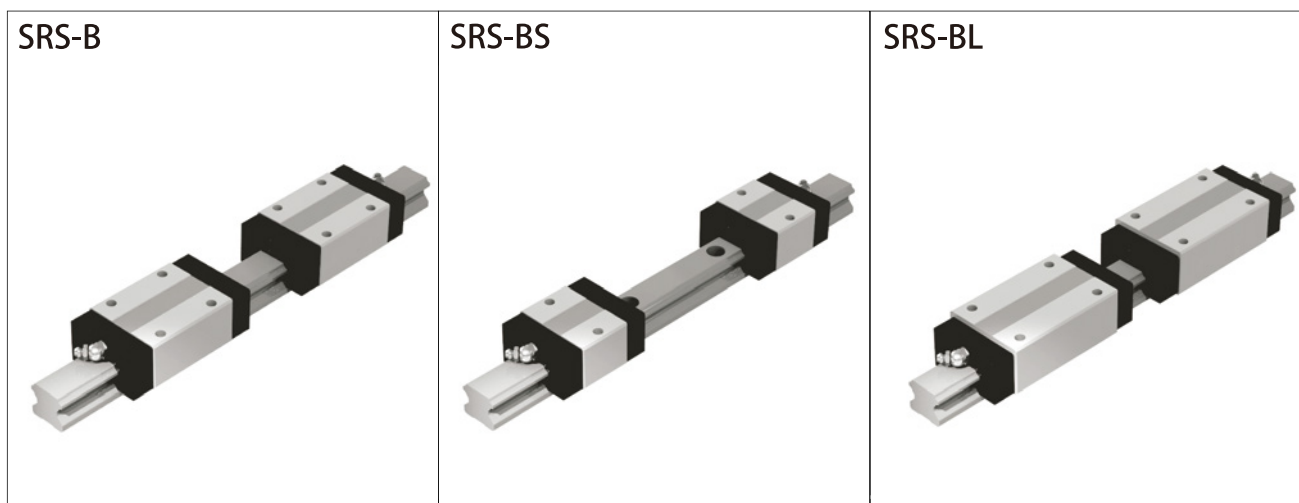
## Products Specification of SR

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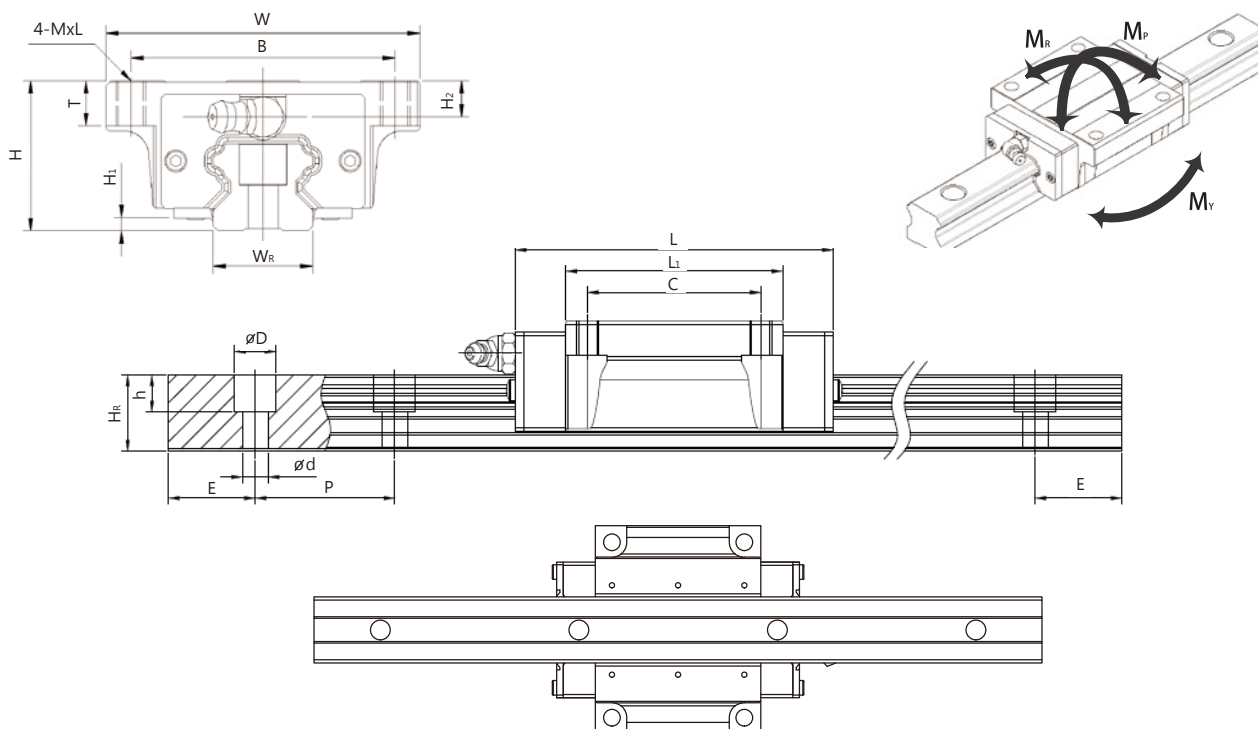
### High type (Flange type / Square type)



### Short type (Square type)



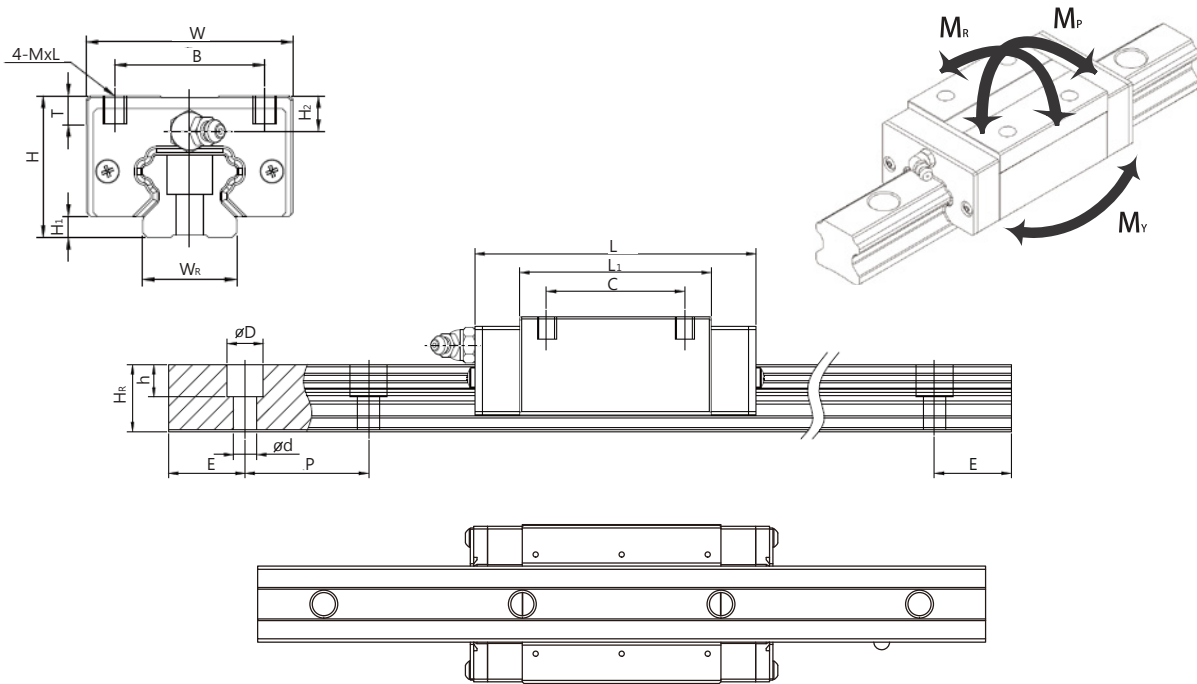
# Dimensions of SRH-A



Model	External dimension			Carriage dimension							Rail dimension							Bolt size	size of grease nipple
	H	H <sub>1</sub>	L	W	B	C	L <sub>1</sub>	M x L	T	H <sub>2</sub>	W <sub>R</sub>	H <sub>R</sub>	D	h	d	P			
SRH15A	24	4	61.4	47	38	30	38	M5 x 7	9	4.7	15	15	7.5	5.5	4.5	60	M4x16	M4x0.7	
SRH20A	30	4.5	73.4	63	53	40	50	M6 x 10	9.12	7.2	20	17.5	9.5	9	6	60	M5x16	M6x0.75	
SRH20AL	30	4.5	89.9	63	53	40	66.5	M6 x 10	9.2	7.2	20	17.5	9.5	9	6	60	M5x16	M6x0.75	
SRH25A	36	6	89.4	70	57	45	60	M8 x 10	11.12	7.8	23	22	11	9.5	7	60	M6x20	M6x0.75	
SRH25AL	36	6	107.4	70	57	45	78	M8 x 10	9	7.8	23	22	11	9.5	7	60	M6x20	M6x0.75	
SRH30A	42	7	106.4	90	72	52	70	M10 x 10	14.2	6	28	26	14	12.5	9	80	M8x25	M6x0.75	
SRH30AL	42	7	126	90	72	52	93	M10x10	14.2	6	28	26	14	12.5	9	80	M8x25	M6x0.75	
SRH35A	48	7.5	115	100	82	62	80	M10 x 13	14	8	34	29	14	12.5	9	80	M8x25	M6x0.75	
SRH45A	60	9	143	120	100	80	105	M12 x 15	14	11	45	38	20	17	14	105	M12x35	PT 1/8"	

Model	Rail dimension		Dynamic	Static	Static moment rating			Weight	
	Rail length	E	C (kN)	C <sub>0</sub> (kN)	M <sub>R</sub> kN-m	M <sub>P</sub> kN-m	M <sub>V</sub> kN-m	Carriage kg	Rail kg/m
SRH15A	4000	20	11.57	17.26	0.12	0.10	0.10	0.18	1.44
SRH20A	4000	20	17.57	27.49	0.27	0.20	0.20	0.40	2.20
SRH20AL	4000	20	19.00	33.30	0.28	0.23	0.23	0.65	2.20
SRH25A	4000	20	27.39	37.76	0.43	0.34	0.34	0.60	3.20
SRH25AL	4000	20	35.61	49.09	0.56	0.44	0.44	0.80	3.20
SRH30A	4000	20	38.74	52.20	0.66	0.53	0.53	1.10	4.55
SRH30AL	4000	20	39.00	71.90	0.78	0.65	0.65	1.60	4.55
SRH35A	4000	20	49.52	69.16	1.16	0.81	0.81	1.60	6.20
SRH45A	4000	22.5	83.97	111.17	2.14	1.68	1.68	3.00	10.4

# Dimensions of SRH-B

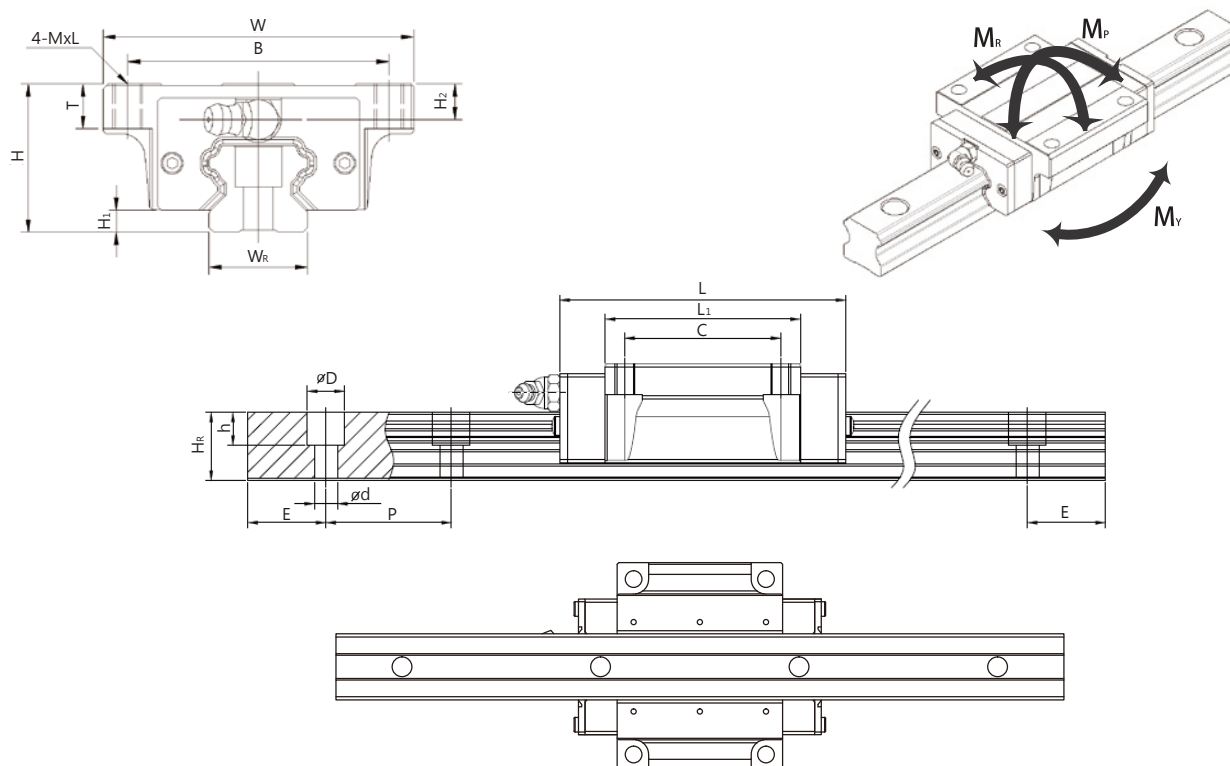


Model	External dimension			Carriage dimension							Rail dimension						Bolt size	size of grease nipple
	H	H <sub>1</sub>	L	W	B	C	L1	M x L	T	H <sub>2</sub>	W <sub>R</sub>	H <sub>R</sub>	D	h	d	P		
SRH15B	28	4	61.4	34	26	26	38	M4 x 5	6.5	8.7	15	15	7.5	5.5	4.5	60	M4x16	M4x0.7
SRH20B	30	4.5	73.4	44	32	36	50	M5 x 6	7	7.2	20	17.5	9.5	9	6	60	M5x16	M6x0.75
SRH20BL	30	4.5	89.9	44	32	50	66.5	M5 x 6	7	7.2	20	17.5	9.5	9	6	60	M5x16	M6x0.75
SRH25B	40	6	89.4	48	35	35	60	M6 x 8	9	8	23	22	11	9.5	7	60	M6x20	M6x0.75
SRH25BL	40	6	107.4	48	35	50	78	M6 x 6	9	8	23	22	11	9.5	7	60	M6x20	M6x0.75
SRH30B	45	7	106.4	60	40	40	70	M8 x 10	11	9	28	26	14	12.5	9	80	M8x25	M6x0.75
SRH30BL	45	7	126	60	40	60	93	M8 x 10	11	9	28	26	14	12.5	9	80	M8x25	M6x0.75
SRH35B	55	7.5	115	70	50	50	80	M8 x 12	11	8	34	29	14	12.5	9	80	M8x25	M6x0.75
SRH45B	70	9	143	86	60	60	105	M10 x 16	14	11	45	38	20	17	14	105	M12x35	PT 1/8"

Model	Rail dimension		Dynamic	Static	Static moment rating			Weight	
	Rail length	E	C (kN)	C <sub>0</sub> (kN)	M <sub>R</sub> kN-m	M <sub>P</sub> kN-m	M <sub>V</sub> kN-m	Carriage kg	Rail kg/m
SRH15B	4000	20	11.57	17.26	0.12	0.10	0.10	0.17	1.44
SRH20B	4000	20	17.57	27.49	0.27	0.20	0.20	0.30	2.20
SRH20BL	4000	20	23.37	36.56	0.36	0.26	0.26	0.40	2.20
SRH25B	4000	20	27.39	37.76	0.43	0.34	0.34	0.50	3.20
SRH25BL	4000	20	29.90	56.00	0.52	0.44	0.43	0.56	3.20
SRH30B	4000	20	38.74	52.20	0.66	0.53	0.53	0.90	4.55
SRH30BL	4000	20	39.00	71.90	0.79	0.65	0.65	1.35	4.55
SRH35B	4000	20	49.52	69.16	1.16	0.81	0.81	1.40	6.20
SRH45B	4000	22.5	83.97	111.17	2.14	1.68	1.68	2.80	10.4



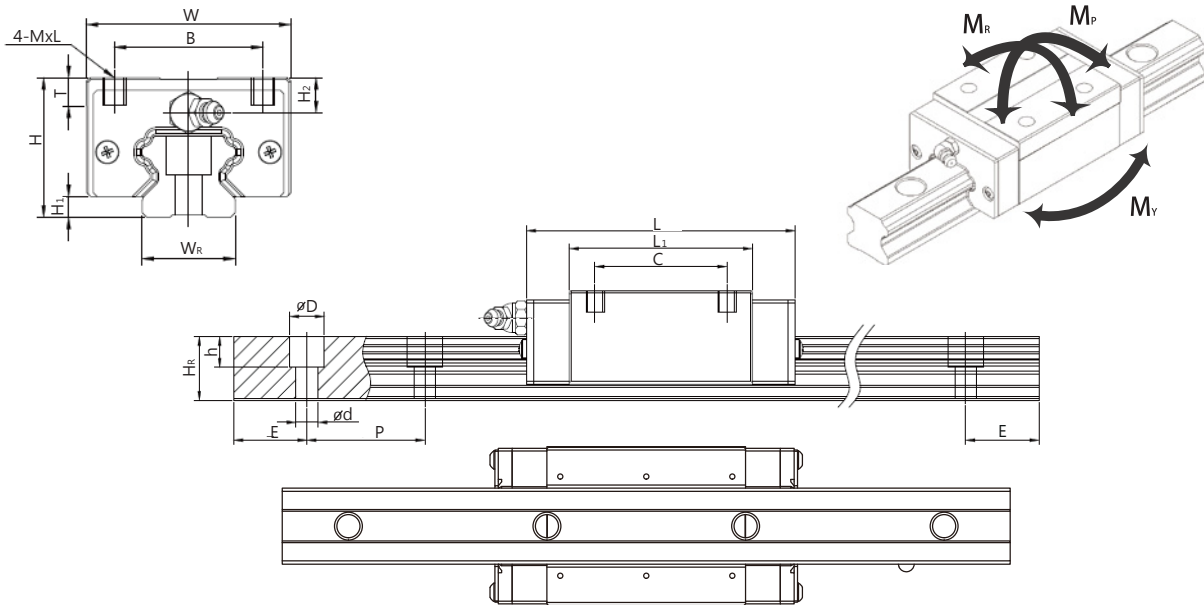
## Dimensions of SRS-A



Model	External dimension			Carriage dimension							Rail dimension							Bolt size	size of grease nipple
	H	H <sub>1</sub>	L	W	B	C	L <sub>1</sub>	M x L	T	H <sub>2</sub>	W <sub>R</sub>	H <sub>R</sub>	D	h	d	P			
SRS20AS	28	4.5	51.4	59	49	N/A	28	M6 x 7	7	5.2	20	17.5	9.5	9	6	60	M5x16	M6x0.75	
SRS25A	33	6	89.4	73	60	35	60	M8 x 10	9.2	4.8	23	22	11	9.5	7	60	M6x20	M6x0.75	
SRS25AS	33	6	62.9	73	60	N/A	33.5	M8 x 10	9.2	4.8	23	22	11	9.5	7	60	M6x20	M6x0.75	
SRS30A	42	7	103	90	72	40	70	M10 x 10	14.2	6	28	26	14	12.5	9	80	M8x25	M6x0.75	

Model	Rail dimension		Dynamic	Static	Static moment rating			Weight	
	Rail length	E	C (kN)	C <sub>0</sub> (kN)	M <sub>R</sub> kN-m	M <sub>P</sub> kN-m	M <sub>V</sub> kN-m	Carriage kg	Rail kg/m
SRS20AS	4000	20	8.30	14.70	0.13	0.11	0.11	0.18	2.20
SRS25A	4000	20	21.40	40.00	0.36	0.32	0.31	0.55	3.20
SRS25AS	4000	20	11.90	22.30	0.20	0.17	0.17	0.28	3.20
SRS30A	4000	20	29.80	54.90	0.60	0.50	0.50	1.06	4.55

# Dimensions of SRS-B



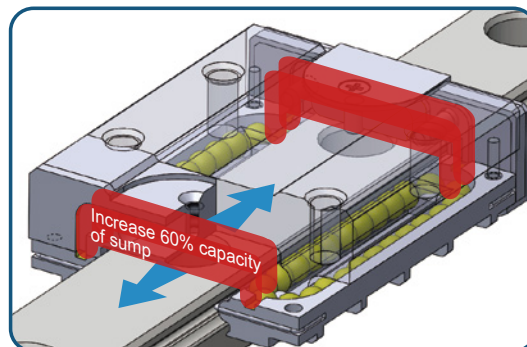
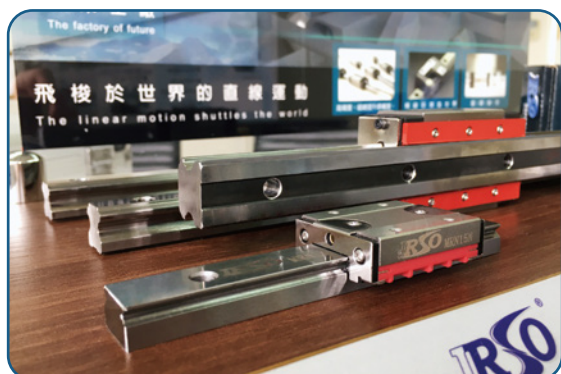
Model	External dimension			Carriage dimension						Rail dimension							Bolt size	size of grease nipple
	H	H <sub>1</sub>	L	W	B	C	L <sub>1</sub>	M x L	T	H <sub>2</sub>	W <sub>R</sub>	H <sub>R</sub>	D	h	d	P		
SRS15B	24	4	61.4	34	26	26	38	M4 x 5	6.5	4.7	15	15	7.5	5.5	4.5	60	M4x16	M4x0.7
SRS15BS	24	4	46.4	34	26	N/A	23	M4 x 5	6.5	4.7	15	15	7.5	5.5	4.5	60	M4x16	M4x0.7
SRS20B	28	4.5	73.4	42	32	32	50	M5 x 6	7	5.2	20	17.5	9.5	9	6	60	M5x16	M6x0.75
SRS20BS	28	4.5	51.4	42	32	N/A	28	M5 x 6	7	5.2	20	17.5	9.5	9	6	60	M5x16	M6x0.75
SRS25B	33	6	89.4	48	35	35	60	M6 x 6	9	4.8	23	22	11	9.3	7	60	M6x20	M6x0.75
SRS25BL	33	6	107.4	48	35	50	78	M6 x 6	9	4.8	23	22	11	9.3	7	60	M6x20	M6x0.75
SRS25BS	33	6	62.9	48	35	N/A	33.5	M6 x 6	9	4.8	23	22	11	9.3	7	60	M6x20	M6x0.75
SRS30B	42	7	106.4	60	40	40	70	M8 x 10	11	6	28	26	14	12.5	9	80	M8x25	M6x0.75
SRS30BL	42	7	126	60	40	60	93	M8 x 10	11	6	28	26	14	12.5	9	80	M8x25	M6x0.75
SRS30BS	42	7	73	60	40	N/A	40	M8 x 10	11	6	28	26	14	12.5	9	80	M8x25	M6x0.75
SRS35B	48	7.5	115	70	50	50	80	M8 x 12	11	8	34	29	14	12.5	9	80	M8x25	M6x0.75

Model	Rail dimension		Dynamic	Static	Static moment rating			Weight	
	Rail length	E	C (kN)	C <sub>0</sub> (kN)	M <sub>R</sub> kN-m	M <sub>P</sub> kN-m	M <sub>Y</sub> kN-m	Carriage kg	Rail kg/m
SRS15B	4000	20	11.57	17.26	0.12	0.10	0.10	0.15	1.30
SRS15BS	4000	22.5	6.65	9.92	0.07	0.06	0.06	0.10	1.30
SRS20B	4000	20	17.57	27.49	0.27	0.20	0.20	0.21	2.20
SRS20BS	4000	20	9.84	15.39	0.15	0.11	0.11	0.15	2.20
SRS25B	4000	20	27.39	37.76	0.43	0.34	0.34	0.40	3.20
SRS25BL	4000	20	29.98	56.04	0.52	0.44	0.43	0.56	3.20
SRS25BS	4000	20	11.92	22.32	0.20	0.18	0.17	0.20	3.20
SRS30B	4000	20	38.74	52.20	0.66	0.53	0.53	0.70	4.55
SRS30BL	4000	20	39.00	71.90	0.78	0.65	0.65	1.28	4.55
SRS30BS	4000	20	15.90	29.40	0.31	0.27	0.27	0.35	4.55
SRS35B	4000	20	49.52	69.16	1.16	0.81	0.81	1.00	6.20

## MR (Mini) Guideway Series

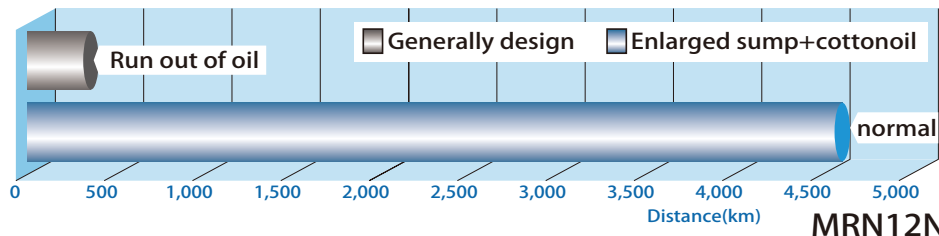
**MR**

- Long-term lubrication °  
durable function °
- High precision °  
Low noise °

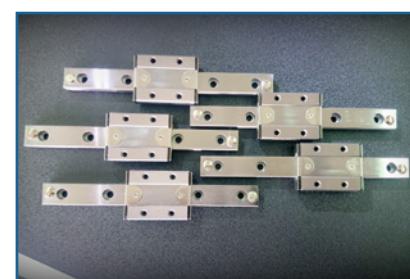
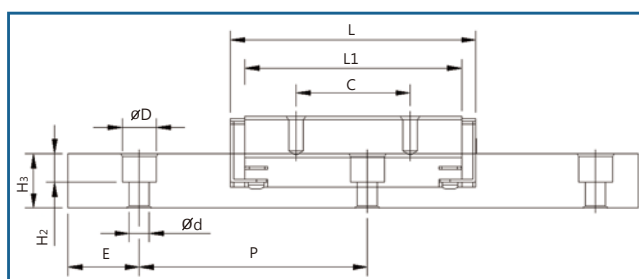
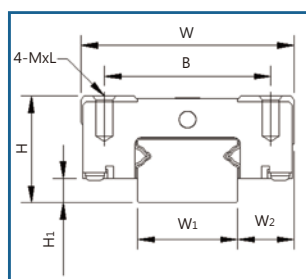


- Fast delivery °  
High Cost-effective °
- Strengthened design °  
Increase the rigidity °

*Long-term lubricate*



*MR Specifications*



Model	Combination size				Block size						Rail size						
	H	H <sub>1</sub>	L	W <sub>2</sub>	W	B	C	L <sub>1</sub>	MxL	hole	W <sub>1</sub>	H <sub>3</sub>	D	H <sub>2</sub>	d	P	E
MRN07N	8	1.5	22.5	5	17	12	8	13.5	M2x2.5	φ1.2	7	4.3	4.2	2.3	2.4	15	5
MRN09N	10	2.2	31	5.5	20	15	10	18.9	M3x3	φ1.5	9	5.5	6	3.5	3.5	20	7.5
MRN12N	13	2.8	36.4	7.5	27	20	15	32.6	M3x5	φ2	12	7.5	6	4.5	3.5	25	10
MRN15N	16	3.65	43	8.5	32	25	20	38	M3x5	φ2.5	15	9.5	6	5	3.5	40	15

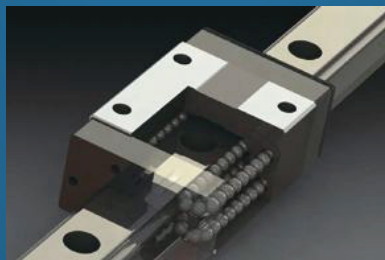


*The linear motion shuttles the world*

*The factory of future*



*High precision .  
Enhance smoothness .*



*Precisely miniature world*



*Straight · Smooth ·  
Quiet · Bright ·*