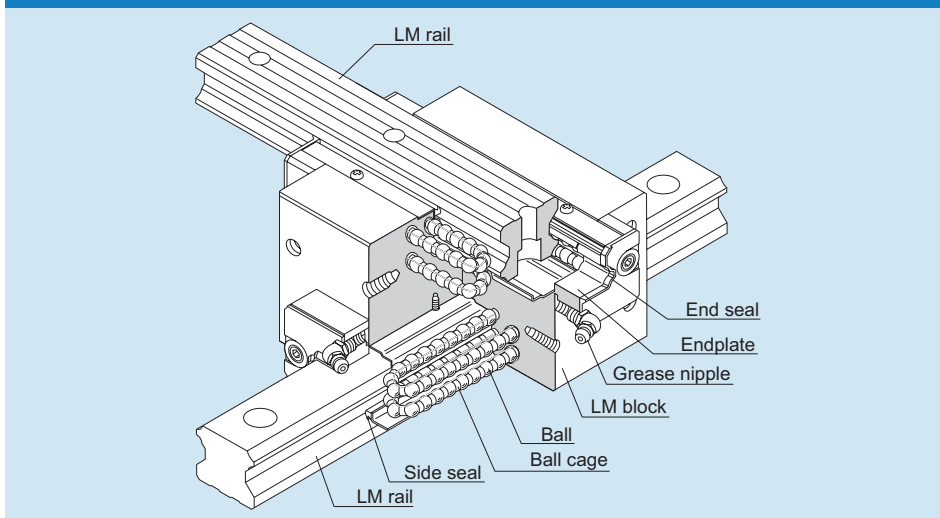


SCR



Caged Ball LM Guide Cross LM Guide Model SCR



* For the ball cage, see A-130.

Structure and Features	▶▶▶ A-167
Types and Features	▶▶▶ A-168
Rated Loads in All Directions	▶▶▶ A-169
Equivalent Load	▶▶▶ A-169
Service Life	▶▶▶ A-100
Radial Clearance Standard	▶▶▶ A-113
Accuracy Standards	▶▶▶ A-122
Shoulder Height of the Mounting Base and the Corner Radius	▶▶▶ A-327
Dimensional Drawing, Dimensional Table, Example of Model Number Coding	▶▶▶ B-56
Standard Length and Maximum Length of the LM Rail	▶▶▶ B-58
Tapped-hole LM Rail Type of Model SCR	▶▶▶ B-59

Features of Each Model

Miniature Type Model SRS



LM Guide

Service Life

For details, see A-100.

Radial Clearance Standard

For details, see A-113.

Accuracy Standards

For details, see A-126.

Shoulder Height of the Mounting Base and the Corner Radius

For details, see A-332.

Error Allowance in the Parallelism between Two Rails

For details, see A-334.

Error Allowance in Vertical Level between Two Rails

For details, see A-337.

Flatness of the LM Rail and the LM Block Mounting Surface

The values in Table3 apply when the clearance is a normal clearance. If the clearance is C1 clearance and two rails are used in combination, we recommend using 50% or less of the value in the table.

Note) Since SRS has Gothic-arch grooves, any accuracy error in the mounting surface may negatively affect the operation. Therefore, we recommend using SRS on a highly accurate mounting surface.

Table3 Flatness of the LM Rail and the LM Block Mounting Surface
Unit: mm

Model No.	Flatness error
SRS 7M	0.025/200
SRS 7WM	0.025/200
SRS 9M	0.035/200
SRS 9WM	0.035/200
SRS 12M	0.050/200
SRS 12WM	0.050/200
SRS 15M	0.060/200
SRS 15WM	0.060/200
SRS 20M	0.070/200
SRS 25M	0.070/200

Rated Loads in All Directions

Model SRS is capable of receiving loads in four directions: radial, reverse radial and lateral directions.

Their basic dynamic load ratings are represented by the symbols in the radial direction indicated in Fig.1, and the actual values are provided in the specification table for SRS. The values in the reverse radial and lateral directions are obtained from Table1 below.

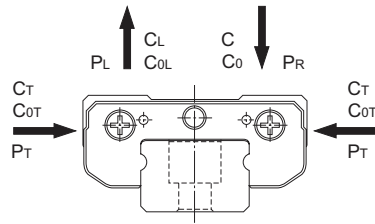


Fig.1

LM Guide

Table1 Rated Loads of Model SRS in All Directions

Direction	Basic dynamic load rating	Basic static load rating
Radial direction	C	C ₀
Reverse radial direction	C _r =C	C _{0r} =C ₀
Lateral directions (7M/7WM/9M/9WM/20M)	C _T =1.19C	C _{0T} =1.19C ₀
Lateral directions (12M/12WM/15M/15WM/25M)	C _T =C	C _{0T} =C ₀

Equivalent Load

When the LM block of model SRS receives a reverse radial load and a lateral load simultaneously, the equivalent load is obtained from the equation below.

$$P_E = X \cdot P_R (P_L) + Y \cdot P_T$$

P_E : Equivalent load (N)

: Radial direction

: Reverse radial direction

: Lateral direction

P_R : Radial load (N)

P_L : Reverse radial load (N)

P_T : Lateral load (N)

X, Y : Equivalent factor (see Table2)

Table2 Equivalent Factor of Model SRS

Equivalent Load P _E	Model No.	X	Y
Radial and reverse radial direction	7M/7WM/9M/9WM/20M	1	0.839
	12M/12WM/15M/15WM/25M	1	1
Lateral directions	7M/7WM/9M/9WM/20M	1.192	1
	12M/12WM/15M/15WM/25M	1	1

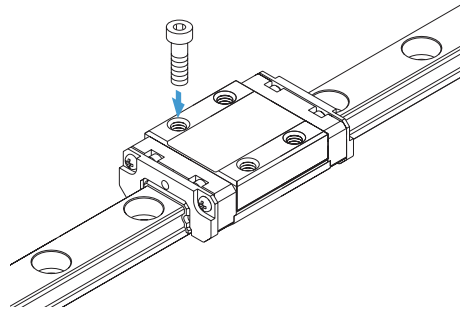
Types and Features

Model SRS-M

Specification Table⇒B-50

A standard type of SRS.

Note) In addition to model SRS-M, a full-ball type without ball cage is also available. If desiring this type, indicate type "SRS-G" when placing an order. However, since SRS-G does not have a ball cage, its dynamic load rating is smaller than SRS-M. See the table of basic load ratings for SRS-G on B-51 for details.

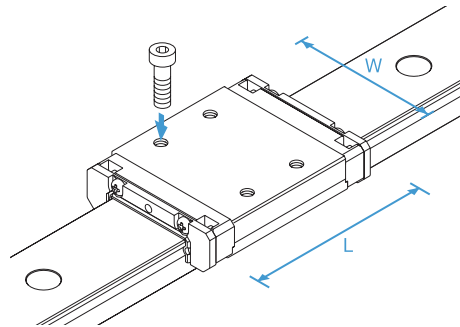


Model SRS-WM

Specification Table⇒B-52

Has a longer overall LM block length (L), a greater width and a larger rated load and permissible moment than SRS-M.

Note) In addition to model SRS-WM, a full-ball type without ball cage is also available. If desiring this type, indicate type "SRS-G" when placing an order. However, since SRS-G does not have a ball cage, its dynamic load rating is smaller than SRS-WM. See the table of basic load ratings for SRS-G on B-53 for details.



Structure and Features

Caged Ball LM Guide model SRS has a structure where two raceways are incorporated into the compact body, enabling the model to receive loads in all directions, and to be used in locations where a moment is applied with a single rail. In addition, use of ball cages eliminates friction between balls, thus achieving high speed, low noise, acceptable running sound, long service life, and long-term maintenance-free operation.

[Low Dust Generation]

Use of ball cages eliminates friction between balls and retains lubricant, thus achieving low dust generation. In addition, the LM block and LM rail use stainless steel, which is highly resistant to corrosion.

[4-way Equal Load Type]

Since the right and left rows of balls under a load contact the raceway at 45°, this LM Guide is capable of receiving loads in the radial, reverse radial and lateral directions at equal values and being used in any orientations. With this well-balanced structure, this model can be used in extensive applications.

[Compact]

Since SRS has a compact structure where the rail cross section is designed to be low and that contains only two rows of balls, it can be installed in space-saving locations.

[Lightweight]

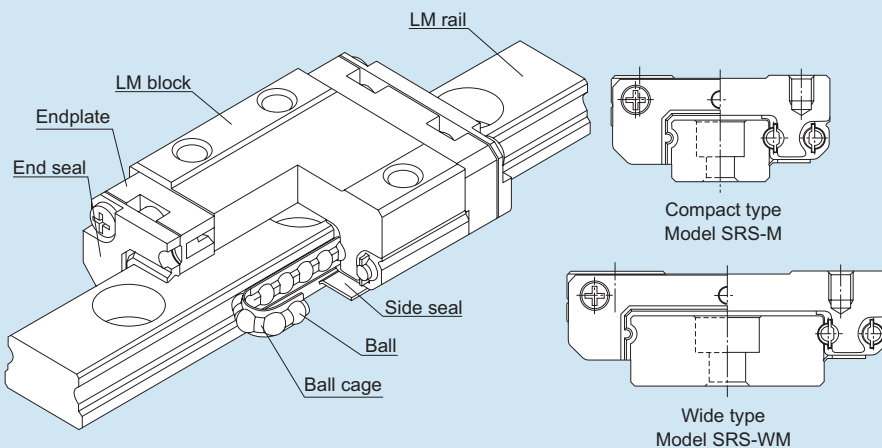
Since part of the LM block (e.g., around the ball relief hole) is made of resin and formed through insert molding, SRS is a lightweight, low inertia type of LM Guide.



SRS



Caged Ball LM Guide Miniature Type Model SRS



* For the ball cage, see A-130.

Structure and Features	▶▶▶ A-161
Types and Features	▶▶▶ A-162
Rated Loads in All Directions	▶▶▶ A-163
Equivalent Load	▶▶▶ A-163
Service Life	▶▶▶ A-100
Radial Clearance Standard	▶▶▶ A-113
Accuracy Standards	▶▶▶ A-126
Shoulder Height of the Mounting Base and the Corner Radius	▶▶▶ A-332
Error Allowance in the Parallelism between Two Rails	▶▶▶ A-334
Error Allowance in Vertical Level between Two Rails	▶▶▶ A-337
Flatness of the LM Rail and the LM Block Mounting Surface	▶▶▶ A-164
Dimensional Drawing, Dimensional Table, Example of Model Number Coding	▶▶▶ B-50
Standard Length and Maximum Length of the LM Rail	▶▶▶ B-54

Equivalent Load

When the LM block of model SHW receives loads in all directions simultaneously, the equivalent load is obtained from the equation below.

$$P_E = P_R (P_L) + P_T$$

P_E	: Equivalent load	(N)
	: Radial direction	
	: Reverse radial direction	
	: Lateral direction	
P_R	: Radial load	(N)
P_L	: Reverse radial load	(N)
P_T	: Lateral load	(N)

Service Life

For details, see A-100.

Radial Clearance Standard

For details, see A-113.

Accuracy Standards

For details, see A-119.

Shoulder Height of the Mounting Base and the Corner Radius

For details, see A-330.

Error Allowance in the Parallelism between Two Rails

For details, see A-334.

Error Allowance in Vertical Level between Two Rails

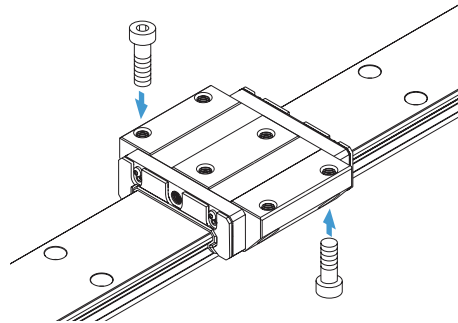
For details, see A-337.

Types and Features

Model SHW-CA

The flange of the LM block has tapped holes.
Can be mounted from the top or the bottom.

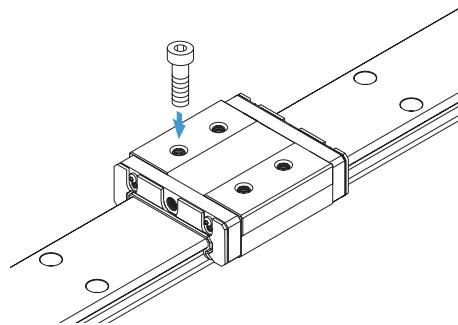
Specification Table⇒B-44



Model SHW-CR

The LM block has tapped holes.

Specification Table⇒B-46



Rated Loads in All Directions

Model SHW is capable of receiving loads in four directions: radial, reverse radial and lateral directions.

The basic load ratings are uniform in the four directions (radial, reverse radial and lateral directions), and their actual values are provided in the specification table for SHW.

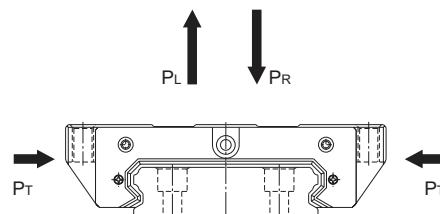


Fig.1

Structure and Features

A wide and highly rigid LM Guide that uses ball cages to achieve low noise, long-term maintenance-free operation and high speed.

[Wide, Low Center of Gravity]

Model SHW, which has a wide LM rail and a low center of gravity, is optimal for locations requiring space saving and large Mc moment rigidity.

[4-way Equal Load]

Each row of balls is placed at a contact angle of 45° so that the rated loads applied to the LM block are uniform in the four directions (radial, reverse radial and lateral directions), enabling the LM Guide to be used in all orientations and in extensive applications.

[Self-adjustment Capability]

The self-adjustment capability through front-to-front configuration of THK's unique circular-arc grooves (DF set) enables a mounting error to be absorbed even under a preload, thus to achieve highly accurate, smooth straight motion.

[Low Dust Generation]

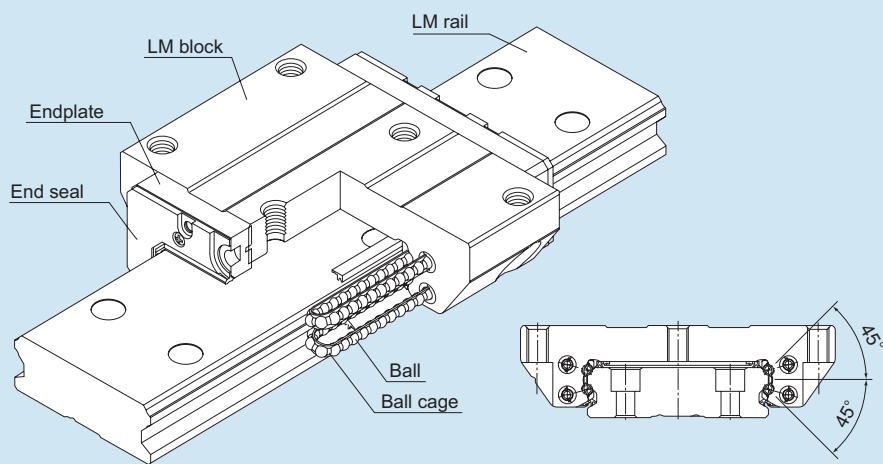
Use of ball cages eliminates friction between balls and retains lubricant, thus achieving low dust generation.



SHW



Caged Ball LM Guide Wide Rail Model SHW



* For the ball cage, see A-130.

Structure and Features	▶▶▶ A-157
Types and Features	▶▶▶ A-158
Rated Loads in All Directions	▶▶▶ A-158
Equivalent Load	▶▶▶ A-159
Service Life	▶▶▶ A-100
Radial Clearance Standard	▶▶▶ A-113
Accuracy Standards	▶▶▶ A-119
Shoulder Height of the Mounting Base and the Corner Radius	▶▶▶ A-330
Error Allowance in the Parallelism between Two Rails	▶▶▶ A-334
Error Allowance in Vertical Level between Two Rails	▶▶▶ A-337
Dimensional Drawing, Dimensional Table, Example of Model Number Coding	▶▶▶ B-44
Standard Length and Maximum Length of the LM Rail	▶▶▶ B-48

Features of Each Model

Ultra-heavy Load Type Models SNR/SNS



LM Guide

Service Life

For details, see A-100.

Radial Clearance Standard

For details, see A-113.

Accuracy Standards

For details, see A-119.

Shoulder Height of the Mounting Base and the Corner Radius

For details, see A-327.

Error Allowance in the Parallelism between Two Rails

For details, A-333 and A-334.

Error Allowance in Vertical Level between Two Rails

For details, A-336 and A-337.

Rated Loads in All Directions

Model SNR/SNS is capable of receiving loads in four directions: radial, reverse radial and lateral directions. Their basic dynamic load ratings are represented by the symbols in the radial direction indicated in Fig.1, and the actual values are provided in the specification tables for SNR/SNS. The values in the reverse radial and lateral directions are obtained from Table1 and Table2 below.

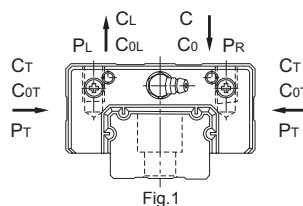


Table1 Basic Load Ratings of Model SNR in All Directions

Direction	SNR	
	Basic dynamic load rating	Basic static load rating
Radial direction	C	C ₀
Reverse radial direction	C _L =0.64C	C _{0L} =0.64C ₀
Lateral directions	C _T =0.47C	C _{0T} =0.38C ₀

Table2 Basic Load Ratings of Model SNS in All Directions

Direction	SNS	
	Basic dynamic load rating	Basic static load rating
Radial direction	C	C ₀
Reverse radial direction	C _L =0.84C	C _{0L} =0.84C ₀
Lateral directions	C _T =0.84C	C _{0T} =0.84C ₀

Equivalent Load

When the LM block of model SNR receives a reverse radial load and a lateral load simultaneously, the equivalent load is obtained from the equation below.

$$P_E = X \cdot P_L + Y \cdot P_T$$

P_E : Equivalent load (N)
: Reverse radial direction
: Lateral direction
 P_L : Reverse radial load (N)
 P_T : Lateral load (N)
X, Y : Equivalent factor (see Table3)

Table3 Equivalent Factor of Model SNR

P_E	X	Y
Equivalent load in reverse radial direction	1	1.678
Equivalent load in lateral direction	0.596	1

When the LM block of model SNS receives a radial load and a lateral load, or a reverse radial load and a lateral load, simultaneously, the equivalent load is obtained from the equation below.

$$P_E = X \cdot P_R (P_L) + Y \cdot P_T$$

P_E : Equivalent load (N)
: Radial direction
: Reverse radial direction
: Lateral direction
 P_R : Radial load (N)
 P_L : Reverse radial load (N)
 P_T : Lateral load (N)
X, Y : Equivalent factor (see Table4 and Table5)

Table4 Equivalent Factor of Model SNS
(When radial and lateral loads are applied)

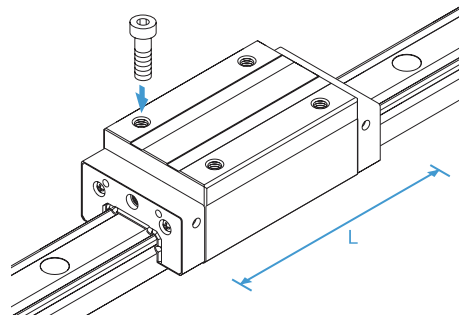
P_E	X	Y
Equivalent load in the radial direction	1	0.935
Equivalent load in lateral direction	1.07	1

Table5 Equivalent Factor of Model SNS
(When reverse radial load and lateral load are applied)

P_E	X	Y
Equivalent load in reverse radial direction	1	1.02
Equivalent load in lateral direction	0.986	1

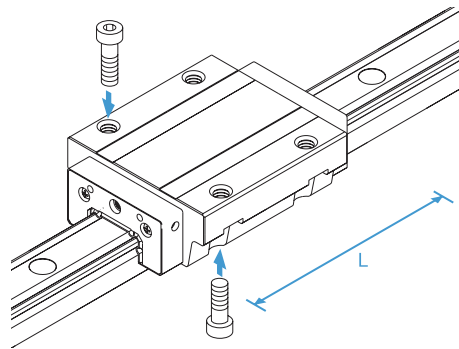
Models SNR-LRH/SNS-LRH (Build to Order) Specification Table⇒B-34/B-36

The LM block has the same cross-sectional shape as models SNR-RH/SNS-RH, but has a longer overall LM block length (L) and a greater rated load.



Models SNR-LCH/SNS-LCH (Build to Order) Specification Table⇒B-38/B-40

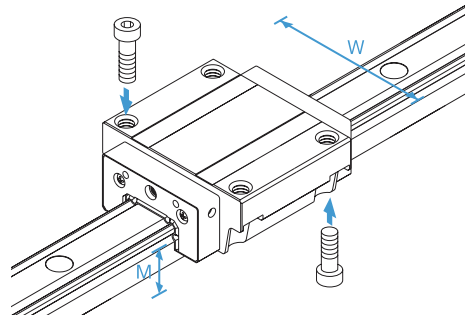
The LM block has the same cross-sectional shape as models SNR-CH/SNS-CH, but has a longer overall LM block length (L) and a greater rated load.



Features of Each Model
Ultra-heavy Load Type Models SNR/SNS

Models SNR-CH/SNS-CH (Build to Order) Specification Table⇒B-38/B-40

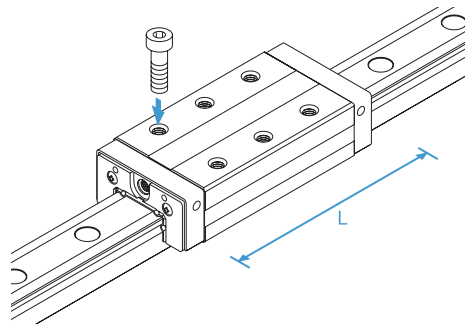
The dimensions are almost the same as that of LM Guide models SHS and HSR, and the flange of the LM block has tapped holes.



LM Guide

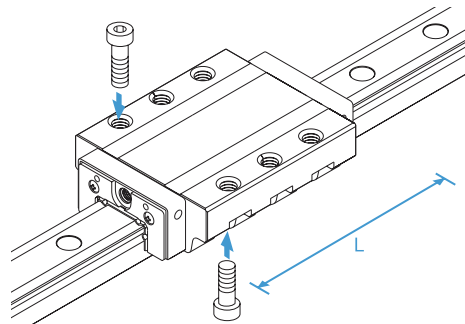
Models SNR-LR/SNS-LR Specification Table⇒B-26/B-28

The LM block has the same cross-sectional shape as models SNR-R/SNS-R, but has a longer overall LM block length (L) and a greater rated load.



Models SNR-LC/SNS-LC Specification Table⇒B-30/B-32

The LM block has the same cross-sectional shape as models SNR-C/SNS-C, but has a longer overall LM block length (L) and a greater rated load.

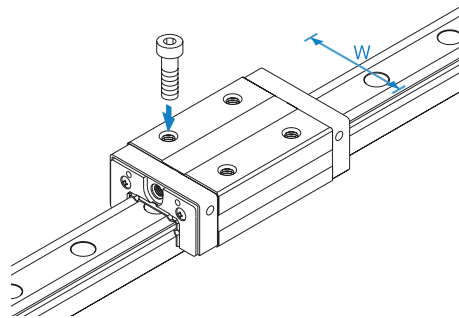


Types and Features

Models SNR-R/SNS-R

Specification Table⇒B-26/B-28

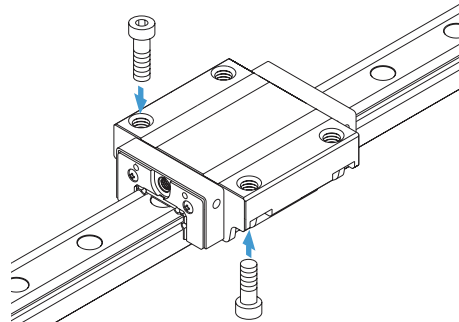
With this type, the LM block has a smaller width (W) and tapped holes. Used in places where the space for table width is limited.



Models SNR-C/SNS-C

Specification Table⇒B-30/B-32

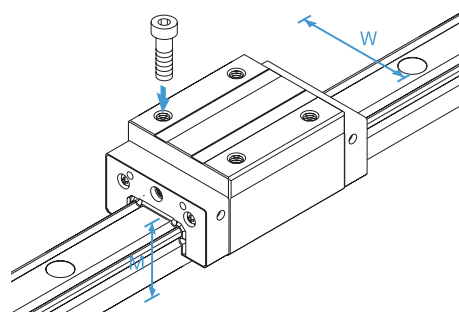
The flange of the LM block has tapped holes. Can be mounted from the top or the bottom. Used in places where the table cannot have through holes for mounting bolts.



Models SNR-RH/SNS-RH (Build to Order)

Specification Table⇒B-34/B-36

The dimensions are almost the same as that of LM Guide models SHS and HSR, and the LM block has tapped holes.



Structure and Features

Balls roll in four rows of raceways precision-ground on an LM rail and an LM block, and ball cages and endplates incorporated in the LM block allow the balls to circulate. Use of the ball cage eliminates friction between balls and increases grease retention, thus to achieve low noise, high speed and long-term maintenance-free operation.

[High Rigidity]

Models SNR/SNS are the most rigid types among the Caged Ball LM Guide series.

Both the radial type SNR and the 4-way equal load type SNS are available for each size variation. Depending on the intended use, you can select either type.

[Ultra-heavy Load]

Since the curvature of the raceway is approximated to the ball diameter, the ball contact area under a load is increased and the LM Guide is capable of receiving an ultra-heavy load.

[Increased Damping Effect]

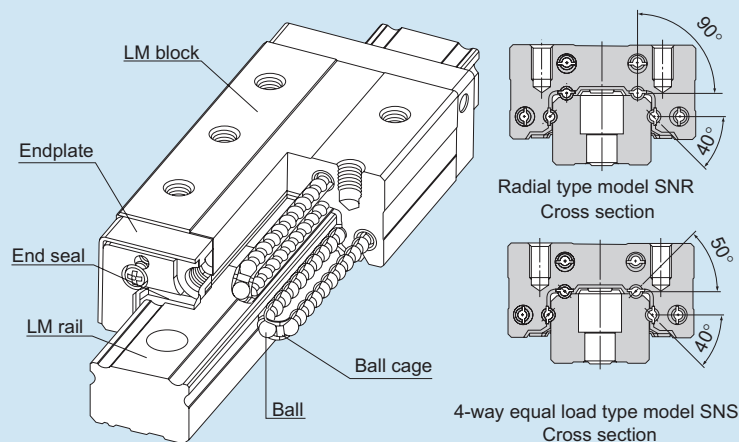
In rapid traverse where the LM block travels at high speed, no differential slip occurs and smooth motion is maintained, thus achieving highly accurate positioning. In heavy cutting where the LM block travels at low speed, favorable differential slip according to the cutting load occurs to increase frictional resistance, thus increasing the damping capacity.



SNR/SNS



Caged Ball LM Guide
Ultra-heavy Load Type Models SNR/SNS



* For the ball cage, see A-130.

Structure and Features	▶▶▶ A-149
Types and Features	▶▶▶ A-150
Rated Loads in All Directions	▶▶▶ A-153
Equivalent Load	▶▶▶ A-153
Service Life	▶▶▶ A-100
Radial Clearance Standard	▶▶▶ A-113
Accuracy Standards	▶▶▶ A-119
Shoulder Height of the Mounting Base and the Corner Radius	▶▶▶ A-327
Error Allowance in the Parallelism between Two Rails	▶▶▶ A-333/A-334
Error Allowance in Vertical Level between Two Rails	▶▶▶ A-336/A-337
Dimensional Drawing, Dimensional Table, Example of Model Number Coding	▶▶▶ B-26
Standard Length and Maximum Length of the LM Rail	▶▶▶ B-42

Features of Each Model

Radial Type Model SSR



LM Guide

Service Life

For details,see A-100.

Radial Clearance Standard

For details,see A-113.

Accuracy Standards

For details,see A-119.

Shoulder Height of the Mounting Base and the Corner Radius

For details,see A-330.

Error Allowance in the Parallelism between Two Rails

For details,see A-333.

Error Allowance in Vertical Level between Two Rails

For details,see A-336.

Features of Each Model

Radial Type Model SSR

Rated Loads in All Directions

Model SSR is capable of receiving loads in four directions: radial, reverse radial and lateral directions.

Its basic dynamic load rating is represented by the symbol in the radial direction indicated in Fig.1, and the actual value is provided in the specification table for SSR. The values in the reverse radial and lateral directions are obtained from Table1 below.

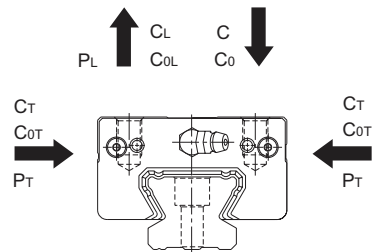


Fig.1

Table1 Rated Load of Model SSR in All Directions

Direction	Basic dynamic load rating	Basic static load rating
Radial direction	C	C ₀
Reverse radial direction	C _L =0.50C	C _{0L} =0.50C ₀
Lateral directions	C _T =0.53C	C _{0T} =0.43C ₀

Equivalent Load

When the LM block of model SSR receives a reverse radial direction and a lateral direction simultaneously, the equivalent load is obtained in the equation below.

$$P_E = X \cdot P_L + Y \cdot P_T$$

P_E : Equivalent load (N)

: Reverse radial direction

: Lateral direction

P_L : Reverse radial load (N)

P_T : Lateral load (N)

X, Y : Equivalent factor (see Table2)

Table2 Equivalent Factor of Model SSR

P _E	X	Y
Equivalent load in reverse radial direction	1	1.155
Equivalent load in lateral direction	0.866	1



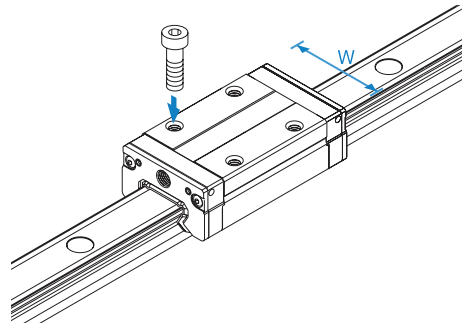
LM Guide

Types and Features

Model SSR-XW

With this type, the LM block has a smaller width (W) and tapped holes.

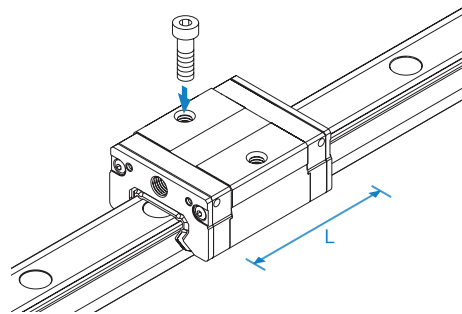
Specification Table⇒B-16



Model SSR-XV

This type has the same cross-sectional shape as SSR-XW but has a shorter overall LM block length (L).

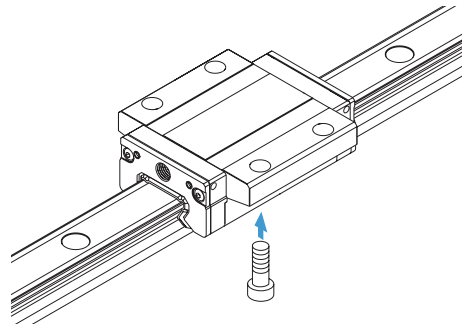
Specification Table⇒B-18



Model SSR-XTB

Since the LM block can be mounted from the bottom, this type is optimal for applications where through holes for mounting bolts cannot be drilled on the table.

Specification Table⇒B-20



Structure and Features

Balls roll in four rows of raceways precision-ground on an LM rail and an LM block, and ball cages and endplates incorporated in the LM block allow the balls to circulate.

Use of the ball cage eliminates friction between balls and increases grease retention, thus to achieve low noise, high speed and long-term maintenance-free operation.

[Compact, Radial Type]

The compact design with a low sectional height and the ball contact structure at 90° make SSR an optimal model for horizontal guides.

[Superb Planar Running Accuracy]

Use of a ball contact structure at 90° in the radial direction reduces displacement in the radial direction under a radial load and achieves highly accurate, smooth straight motion.

[Self-adjustment Capability]

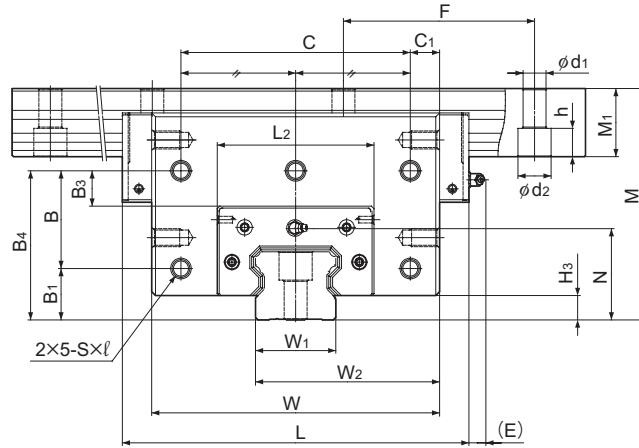
The self-adjustment capability through front-to-front configuration of THK's unique circular-arc grooves (DF set) enables a mounting error to be absorbed even under a preload, thus to achieve highly accurate, smooth straight motion.

[Stainless Steel Type also Available as Standard]

A stainless steel type with its LM block, LM rail and balls all made of stainless steel, which is superbly corrosion resistant, is also available as standard.



Model SCR



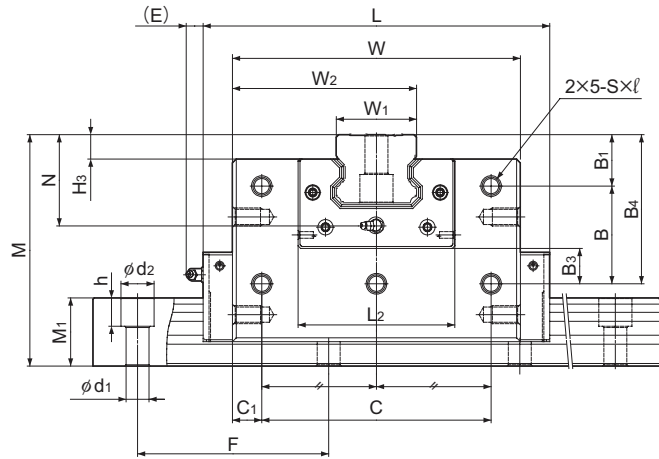
Model No.	Outer dimensions			LM block dimensions										
	Height	Width	Length	B ₁	B ₃	B ₄	B	C	C ₁	S×ℓ	L ₂	H ₃	N	E
	M	W	L											
SCR 15S	47	48	64.4	—	11.3	34.8	—	20	14	M4×6	33.4	3	18.5	5.5
SCR 20S	57	59	79	—	13	42.5	—	30	14.5	M5×8	43	4.6	23.5	12
SCR 20	57	78	98	13	7.5	37	24	56	11	M5×8	43	4.6	23.5	12
SCR 25	70	88	109	18	9	44	26	64	12	M6×10	47.4	5.8	28.5	12
SCR 30	82	105	131	21	12	53	32	76	14.5	M6×10	58	7	34	12
SCR 35	95	123	152	24	14	61	37	90	16.5	M8×14	68	7.5	40	12
SCR 45	118	140	174	30	16.5	75	45	110	15	M10×15	84.6	8.9	49.5	16
SCR 65	180	226	272	40	27.5	116	76	180	23	M14×22	123	19	71	16

Model number coding

4 SCR25 QZ KKHH C0 +1200/1000L P

Total No. of LM blocks	Model number	Contamination protection accessory symbol (*1)	Radial clearance symbol (*2)	LM rail length on the X axis (in mm)	LM rail length on the Y axis (in mm)	Accuracy symbol (*3)
4	SCR25	QZ	KKHH	C0	+1200/1000L	P
		With QZ Lubricator	Normal (No symbol)/Light preload (C1) Medium preload (C0)			Precision grade (P) Super precision grade (SP) Ultra precision grade (UP)

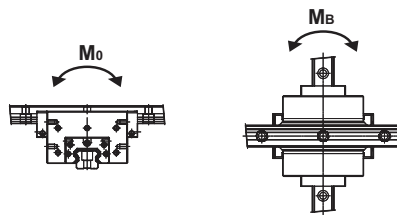
(*1) See contamination protection accessory on A-368. (*2) See A-113. (*3) See A-122.



LM Guide

Unit: mm

	Grease nipple	LM rail dimensions					Basic load rating		Static permissible moment		Mass	
		Width W ₁ 0 -0.05	W ₂	Height M ₁	Pitch F	Mounting hole d ₁ × d ₂ × h	C kN	C ₀ kN	M ₀ kN-m	M _B kN-m	LM block kg	LM rail kg/m
	PB-1021B	15	31.5	13	60	4.5 × 7.5 × 5.3	14.2	24.2	0.16	0.296	0.54	1.3
	B-M6F	20	39.5	16.5	60	6 × 9.5 × 8.5	22.3	38.4	0.361	0.334	0.88	2.3
	B-M6F	20	49	16.5	60	6 × 9.5 × 8.5	28.1	50.3	0.473	0.568	1.7	2.3
	B-M6F	23	55.5	20	60	7 × 11 × 9	36.8	64.7	0.696	0.85	3.4	3.2
	B-M6F	28	66.5	23	80	9 × 14 × 12	54.2	88.8	1.15	1.36	4.6	4.5
	B-M6F	34	78.5	26	80	9 × 14 × 12	72.9	127	2.01	2.34	6.8	6.2
	B-PT1/8	45	92.5	32	105	14 × 20 × 17	100	166	3.53	3.46	10.8	10.4
	B-PT1/8	63	144.5	53	150	18 × 26 × 22	253	408	11.9	13.3	44.5	23.7



Standard Length and Maximum Length of the LM Rail

Table1 shows the standard lengths and the maximum lengths of model SCR variations. If the maximum length of the desired LM rail exceeds them, jointed rails will be used. Contact THK for details. For the G dimension when a special length is required, we recommend selecting the corresponding G value from the table.

The longer the G dimension is, the less stable the G area may become after installation, thus causing an adverse impact to accuracy.

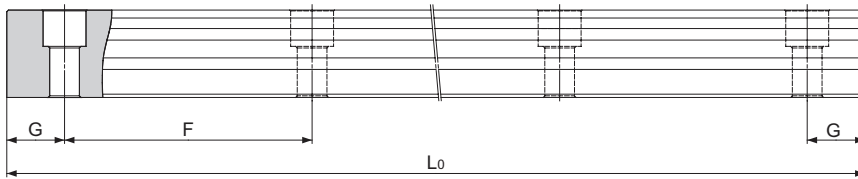


Table1 Standard Length and Maximum Length of the LM Rail for Model SCR

Unit: mm

Model No.	SCR 15	SCR 20	SCR 25	SCR 30	SCR 35	SCR 45	SCR 65
LM rail standard length (L ₀)	160	220	220	280	280	570	1270
	220	280	280	360	360	675	1570
	280	340	340	440	440	780	2020
	340	400	400	520	520	885	2620
	400	460	460	600	600	990	
	460	520	520	680	680	1095	
	520	580	580	760	760	1200	
	580	640	640	840	840	1305	
	640	700	700	920	920	1410	
	700	760	760	1000	1000	1515	
	760	820	820	1080	1080	1620	
	820	940	940	1160	1160	1725	
	940	1000	1000	1240	1240	1830	
	1000	1060	1060	1320	1320	1935	
	1060	1120	1120	1400	1400	2040	
	1120	1180	1180	1480	1480	2145	
	1180	1240	1240	1560	1560	2250	
	1240	1360	1300	1640	1640	2355	
	1360	1480	1360	1720	1720	2460	
	1480	1600	1420	1800	1800	2565	
1600	1720	1480	1880	1880	2670		
	1840	1540	1960	1960	2775		
	1960	1600	2040	2040	2880		
	2080	1720	2200	2200	2985		
	2200	1840	2360	2360	3090		
		1960	2520	2520			
		2080	2680	2680			
		2200	2840	2840			
		2320	3000	3000			
		2440					
Standard pitch F	60	60	60	80	80	105	150
G	20	20	20	20	20	22.5	35
Max length	2500	3000	3000	3000	3000	3090	3000

Tapped-hole LM Rail Type of Model SCR

The model SCR variations include a type with its LM rail bottom tapped. With the X-axis LM rail having tapped holes, this model can be secured with bolts from the top.

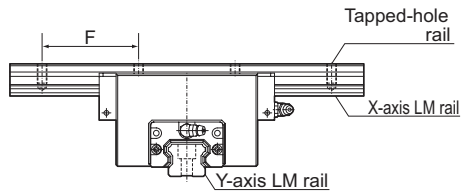


Table2 Dimensions of the LM Rail Tap

Unit: mm

Model No.	Tap diamete	Tap depth
15	M5	8
20	M6	10
25	M6	12
30	M8	15
35	M8	17
45	M12	20
65	M20	30

LM Guide

Model number coding

4 SCR35 KKHH C0 +1000L P **K**/1000L P

Symbol for
tapped-hole LM rail type