



PACIFIC INTERNATIONAL BEARING SALES, INC.

800.228.8895 • www.pacificbearingsales.com

SLIDE GUIDE SGL TYPE

The SGL slide guide is a linear motion bearing utilizing the rotational motion of ball elements along four rows of raceway grooves. It can be used in various applications due to its compactness and high load capacity.

STRUCTURE AND ADVANTAGES

SGL slide guides consist of a rail with four precision-machined raceway grooves and a block assembly. The block assembly consists of the main body, ball elements, retainers, and return caps.

High Load Capacity and Long Life:

The use of larger ball elements and a raceway with grooves machined to a radius close to that of the ball elements increases the area of the contact surface. The results are load capacity and provides longer life. Low Wear:

Because a 4-row/2-point contact design is used, low wear and stable motion characteristics are achieved even under a pre-loaded conditions.

Omni-Directional Load Capacity:

The ball elements are positioned at 45° contact angle so that the load capacity is equal in four directions (above, underneath, right and left).

Absorption of Mounting Dimensional Error:

Because the ball elements are positioned to increase their self-aligning characteristics, the dimensional error caused during installation is absorbed.

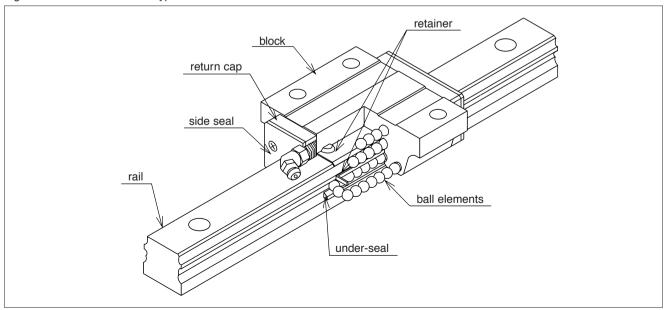
Anti-Corrosion Specification:

The rail and block assembly may be Raydent treated to increase the corrosion resistance. This treatment is standardized with the symbol "RD", and suitable for use in clean room applications.

Dust Prevention:

Side seals are provided as a standard. To improve the dust prevention characteristics, underseals and special rail mounting caps are also available.





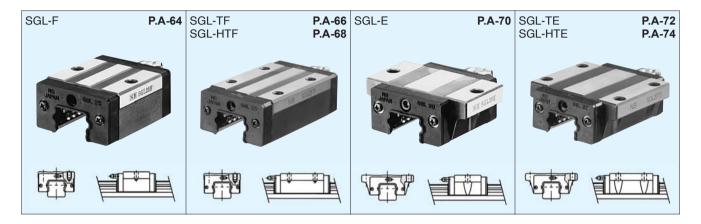
unit/mm

PACIFIC INTERNATIONAL BEARING SALES, INC. 800.228.8895 • www.pacificBearingSales.com

SLIDE GUIDE

BLOCK TYPES

Six different types of blocks are available depending on the mounting space requirements and desired mounting method.



ACCURACY

Three accuracy grades are available: normal-grade (no suffix), high-grade (H), and precision-grade (P).

Table A-28 Accuracy

part number		SGL15,2	20	5	GL25,30	,35	SGL45			
accuracy grade	normal	high	precision	normal	high	precision	normal	high	precision	
accuracy symbol	none	Н	Р	none	Н	Р	none	Н	Р	
allowable dimensional tolerance for height H	±0.1	±0.03	-0.03~0	±0.1	±0.04	-0.04~0	±0.1	±0.05	-0.05~0	
paired difference for height H	0.02	0.01	0.006	0.02	0.015	0.007	0.03	0.015	0.007	
allowable dimensional tolerance for width W	±0.1	±0.03	-0.03~0	±0.1	±0.04	-0.04~0	±0.1	±0.05	-0.05~0	
paired difference for width W	0.02	0.01	0.006	0.03	0.015	0.007	0.03	0.02	0.001	
Running parallelism of surface C to surface A				rofo	r to Figur	o A 61				
Running parallelism of surface D to surface B	refer to Figure A-61									

Figure A-61 Motion Accuracy

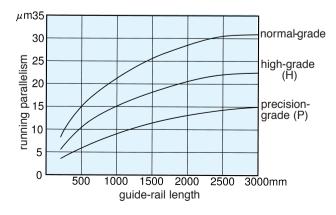
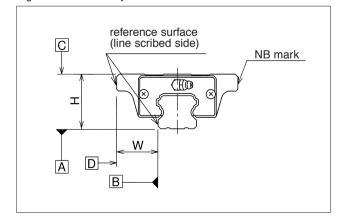


Figure A-62 Accuracy







PRE-LOAD

SGL slide guides are available with a standard pre-load(no suffix), light pre-load(T1), and medium pre-load(T2).

Table A-29 Pre-Load Symbol and Radial Clearance unit/ μ m

	•		
pre-load category	standard	light	medium
pre-load symbol	none	T1	T2
SGL15	-4~+2	-12~-4	_
SGL20	- 5~+2	-14~-5	-23~-14
SGL25	- 6~+3	-16~-6	-26~-16
SGL30	-7~+4	-19~-7	-31~-19
SGL35	-8~+4	-22~-8	-35~-22
SGL45	-10~+5	-25~-10	-40~-25

Table A-30 Operating Condition and Pre-Load

category	symbol	operating condition
standard	none	Minute vibration is applied. Precision motion is required. Moment in a given direction is applied.
light	∣ 11	Light vibration is applied. Light moment is applied. Moment is applied.
medium	T2	Shock/vibration is applied. Over-hang load is applied. Torsional load is applied.

RAIL LENGTH

Slide guides with most commonly used lengths are available as standard. Unless otherwise specified, the distance to the first mounting hole (N) from one end of the rail will be located within the range listed in Table A-31 for slide guides that have a non-standard length satisfying the following equation.

$$L = M \cdot P + 2N$$

L : length (mm) $\,\,N$: distance to the first hole from the end of the rail (mm) $\,M$: number of pitches $\,\,P$: hole pitch (mm)

Figure A-63 Rail

<u>N</u> >	$\begin{array}{c c} & L & \\ \hline & M \times P & \\ \hline & P & \\ \hline \end{array}$

Table A-31 Fabrication Range

unit/mm

nort number	1	V	Lmax
part number	and over	less than	Liliax
SGL15	6	36	2,000
SGL20	10	40	
SGL25	11	41	
SGL30	12	52	3,000
SGL35	16	56	
SGL45	20	60	



MOUNTING

Slide guides are generally mounted by pushing the reference surface of the rail and block against the shoulder of the mounting surface. An escape groove should be provided at the corner of the shoulder in order to avoid interference with the corner of the rail or block.

The bolts used to secure the rail should be tightened using a torque wrench. The recommended torque values are listed in Table A-32.

Table A-32 Recommended Torque

unit/mm

bolt size	МЗ	M4	M5	M6	M8	M12
recommended torque	1.4	3.2	6.6	11.2	27.6	96.4

(When using stainless steel bolts)

Figure A-64 Mounting Reference Surface Shapes

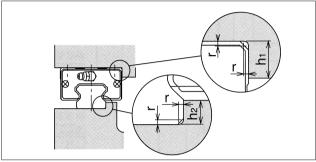


Table A-33 Mounting Surface Dimensions

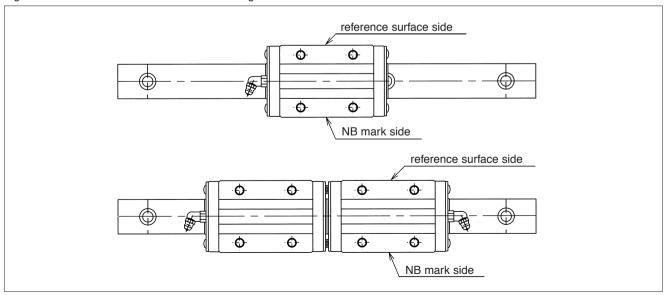
unit/mm

part number	h₁	h ₂	r _{max}
SGL15	4	3.5	0.5
SGL20	5	5	0.5
SGL25	5	5.5	1
SGL30	6	7.5	1
SGL35	6	8	1
SGL45	8	8	1

GREASE FITTING

A grease fitting is attached to the SGL slide guide in the return cap for lubrication purposes. Unless otherwise specified, the orientation of the grease fitting is as shown in Figure A-65. When more than 2 blocks are used on one rail, the grease fitting orientation must be specified.

Figure A-65 Number of Blocks and Grease Fitting Orientation

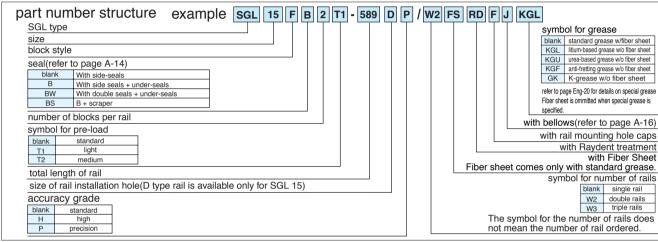




SGL-F TYPE

High Rigidity Non-Flange Type — (Short Configuration)

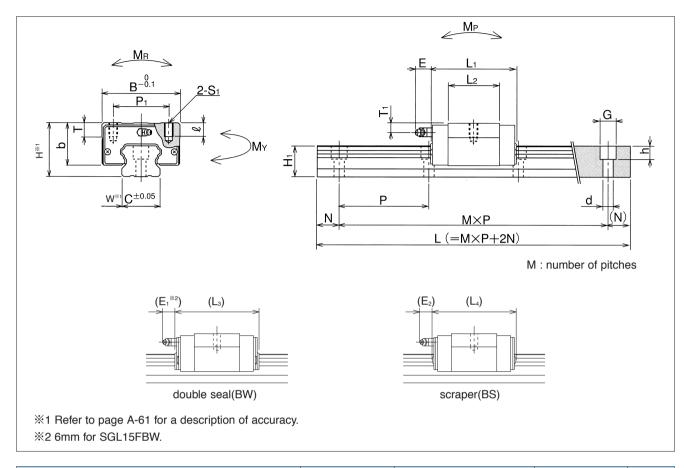




	assembly o	dimensions						b	lock din	nension	S									
part number	H	W	B	L₁ mm	L ₂	L₃ mm	L₄ mm	P₁ mm	S ₁	<i>ℓ</i> mm	T	b mm	E₁ mm	E ₂	T₁ mm	grease fitting				
SGL15F SGL15F-D	24	9.5	34	40.7	22.7	46.9	47.3	26	M4	7	6	19.5	5	5.4	5	pressed fitting				
SGL20F	28	11	42	47.9	29.5	54.1	54.5	32	M5	8	7.5	22		13.3	6					
SGL25F	33	12.5	48	58.7	37.7	65.1	65.9	35	M6	9	8	26	14	13.1	6.5	B-M6F				
SGL30F	42	16	60	68	40	76.6	75.6	40	MΩ	12	9	32.5	14	14.0	9	D-IVIOF				
SGL35F	48	18	70	77	46	85.6	84.6	50	IVI8	IVI8	- M8	IVIB	IVI8	12	13	38		14.0	8.5	

							stand	ard rail	length						
part number								L							
								mm							
SGL15	160	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000
SGL20	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL25	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL30	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400
SGL35	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400





	g	juide-rail dimension	S		basic loa	ad rating	allowab	le static r	noment	ma	ass	
H₁	С	d×G×h	N	Р	dynamic	static	M _P	M _Y	M _R	block	guide rail	-:
					С	Co	M _{P2}	M_{Y2}				size
mm	mm	mm	mm	mm	kN	kN	N⋅m	N•m	N⋅m	kg	kg/m	
13.5	15	3.5×6×4.5			7.29	9.46	37	37	74	0.1	1.3	15
13.5	15	4.5×7.5×5.3			7.29	9.40	252	252	/4	0.1	1.3	15
40	00	0405405		00	44.04	44.04	72	72	450	0.0	0.4	00
16	20	6×9.5×8.5		60	11.91	14.81	447	447	159	0.2	2.1	20
00	00		00		47.0	21.2	123	123	055	0.0	0.0	0.5
20	23	771170	20		17.0		751	751	255	0.3	3.0	25
0.4	00	7×11×9			00.0	00.7	195	195	440	0.5	4.0	20
24	28			00	23.0	28.7	1,263	1,263	418	0.5	4.6	30
07.5	0.4	0 × 1 4 × 10		80	00.0	07.0	294	294	000	0.0	0.0	25
27.5	34	9×14×12			32.0	37.8	1,873	1,873	693	0.8	6.2	35

1kN≒102kgf 1N·m≒0.102kgf·m

							maximum length mm
1,120	1,240	1,360	1,480				2,000
1,240	1,360	1,480	1,600	1,720	1,840	1,960	3,000
1,240	1,360	1,480	1,600	1,720	1,840	1,960	3,000
1,480	1,640	1,720	1,800	1,960			3,000
1,480	1,640	1,720	1,800	1,960			3,000



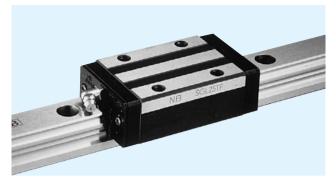
M_{P2}

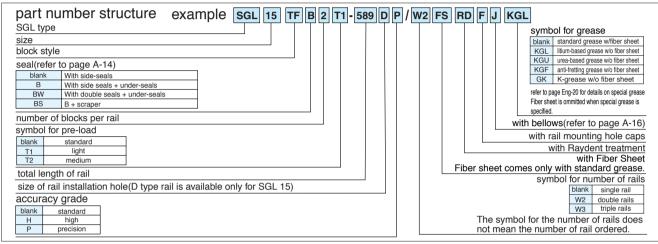




SGL-TF TYPE

- High Rigidity Non-Flange Type -



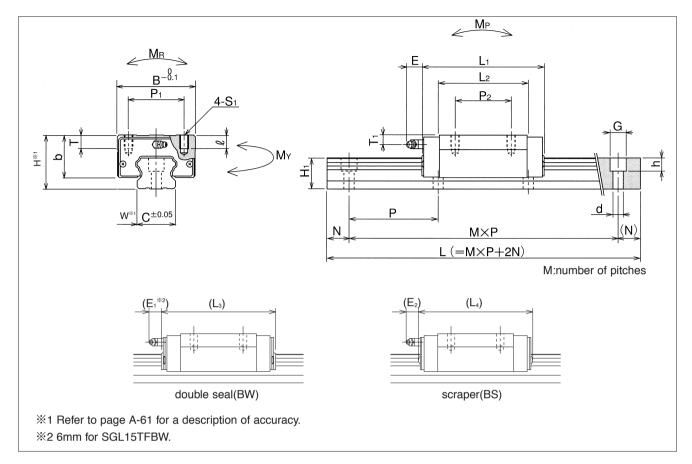


	assembly of	dimensions							block	dimen	sions						
part number		W	В	L ₁	L ₂	L ₃	L ₄	P ₁	P ₂	S ₁	l	Т	b	E ₁	E ₂		grease fitting
SGL15TF SGL15TF-D	24	9.5	34	56.5	38.5	62.7	63.1	26	26	M4	7	mm 6	19.5	mm 5	5.4	mm 5	pressed fitting
SGL20TF	28	11	42	65.8	47.4	72	72.4	32	32	M5	8	7.5	22		13.3	6	
SGL25TF	33	12.5	48	80.2	59	86.4	87.2	35	35	M6	9	8	26	4.4	13.1	6.5	B-M6F
SGL30TF	42	16	60	95.7	67.7	104.3	103.3	40	40	MO	10	9	32.5	14	14.0	9	D-IVIOF
SGL35TF	48	18	70	109	78	117.6	116.6	50	50	M8 12	13	38		14.0	8.5		

part number							stand	ard rail I L	length						
								mm							
SGL15	160	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000
SGL20	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL25	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL30	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400
SGL35	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400



SLIDE SCREW



	g	juide-rail dimension	S		basic loa	ad rating	allowab	le static r	noment	ma	ass	
H₁	С	d×G×h	N	Р	dynamic	static	M _P	M_{Y}	M _R	block	guide rail	size
					С	Co						SIZE
mm	mm	mm	mm	mm	kN	kN	N·m	N•m	N·m	kg	kg/m	
13.5	15	3.5×6×4.5			10.6	16.2	100	100	127	0.2	1.3	15
13.3	13	4.5×7.5×5.3			10.0	10.2	100	100	127	0.2	1.5	13
16	20	6×9.5×8.5		60	16.4	23.3	165	165	250	0.3	2.1	20
10	20	070.070.0			10.4	20.0	100	100	250	0.0	2.1	20
20	23		20		24.8	36.3	335	335	437	0.4	3.0	25
	20	7×11×9	20		24.0	00.0	000		107	0.1	0.0	
24	28	7 7 11 7 3			33.6	49.2	529	529	716	0.8	4.6	30
_ '				80	00.0	10.2	020	020	, 10	0.0	1.0	
27.5	34	9×14×12			46.7	64.8	796	796	1,188	1.3	6.2	35

1kN≒102kgf 1N·m≒0.102kgf·m

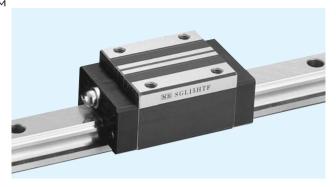
							maximum length mm
1,120	1,240	1,360	1,480				2,000
1,240	1,360	1,480	1,600	1,720	1,840	1,960	3,000
1,240	1,360	1,480	1,600	1,720	1,840	1,960	3,000
1,480	1,640	1,720	1,800	1,960			3,000
1,480	1,640	1,720	1,800	1,960			3,000

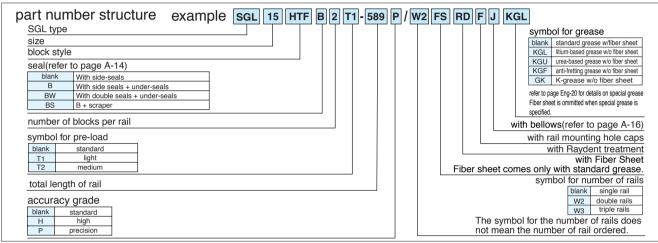






SGL-HTF TYPE





	assembly	dimensions							block	dimen	sions						
part number		W	В	L ₁	L ₂	L ₃	L ₄	P ₁	P ₂	S ₁	l	Т	b	E ₁	E ₂	T ₁	grease fitting
	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	
SGL15HTF	28	9.5	34	56.5	38.5	62.7	63.1	26	26	M4	5	6	23.7	5	5.4	9	pressed fitting
SGL20HTF	30	12	44	71.6	53.2	77.8	78.2	32	36	M5	6	9.5	24		13.3	8	
SGL25HTF	40	12.5	48	80	59	86.4	87.2	35	35	M6	8	9	33	14	13.1	13.5	B-M6F
SGL30HTF	45	16	60	95.7	67.7	104.3	103.3	40	40	M8	10	9	35.5	14	14.0	12	D-IVIOF
SGL35HTF	55	18	70	109	78	117.6	116.6	50	50	IVIO	12	13	45		14.0	15.5	
SGL45HTF	70	20.5	86	139	102	147	147.5	60	60	M10	17	15	60	16	16	20	B-PT1/8

part number							standa	ard rail L	length						
SGL15	160	220	280	340	400	460	520	<u>mm</u> 580	640	700	760	820	880	940	1.000
SGL15	100	220	200	340	400	400	520	360	040	700	700	020	000	940	1,000
SGL20	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL25	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL30	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400
SGL35	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400
SGL45	570	675	780	885	990	1,095	1,200	1,305	1,410	1,515	1,620	1,725	1,830	1,935	2,040

M_{P} M_{R} Ε <u>B</u>-0.1 4-S₁ P₁ P_2 G OX. <u>.</u> Ξ̈́ C^{±0.05} W Ρ d Ν $M \times P$ (N) $L(=M \times P + 2N)$ M:number of pitches (E₁**2) (L_3) (E_2) (L_4) double seal(BW) scraper(BS)

	g	juide-rail dimension	S		basic loa	d rating	allowab	le static r	noment	ma	ass	
H₁	С	d×G×h	N	Р	dynamic	static	M _P	M _Y	M _R	block	guide rail	size
					С	Co						Size
mm	mm	mm	mm	mm	kN	kN	Ν·m	N·m	Ν·m	kg	kg/m	
13.5	15	4.5×7.5×5.3			10.6	16.2	100	100	127	0.2	1.3	15
16	20	6×9.5×8.5		60	18.4	27.5	227	227	296	0.4	2.1	20
20	23	7×11×9	20		24.8	36.3	335	335	437	0.6	3.0	25
24	28	0.214.210		00	33.6	49.2	529	529	716	0.9	4.6	30
27.5	34	9×14×12		80	46.7	64.8	796	796	1,188	1.5	6.2	35
36.5	45	14×20×17	22.5	105	74.8	101.2	1,553	1,553	2,312	3.1	10.5	45

1kN≒102kgf 1N·m≒0.102kgf·m

									maximum length mm
1,120	1,240	1,360	1,480						2,000
1,240	1,360	1,480	1,600	1,660	1,720	1,840	1,960		3,000
1,240	1,360	1,480	1,600	1,660	1,720	1,840	1,960		3,000
1,480	1,640	1,720	1,800	1,880	1,960				3,000
1,480	1,640	1,720	1,800	1,880	1,960				3,000
2,145	2,250	2,355	2,460	2,565	2,670	2,775	2,880	2,985	3,000

%1 Refer to page A-61 for a description of accuracy.

%2 6mm for SGL15HTFBW.

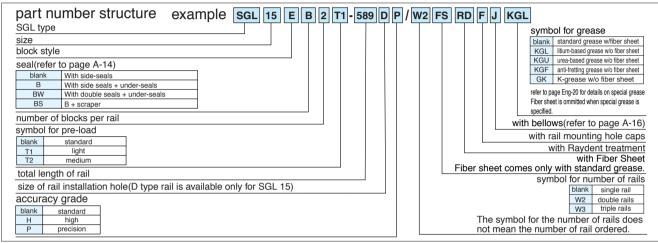




SGL-E TYPE

- High Rigidity Flange Type - (Short Configuration)

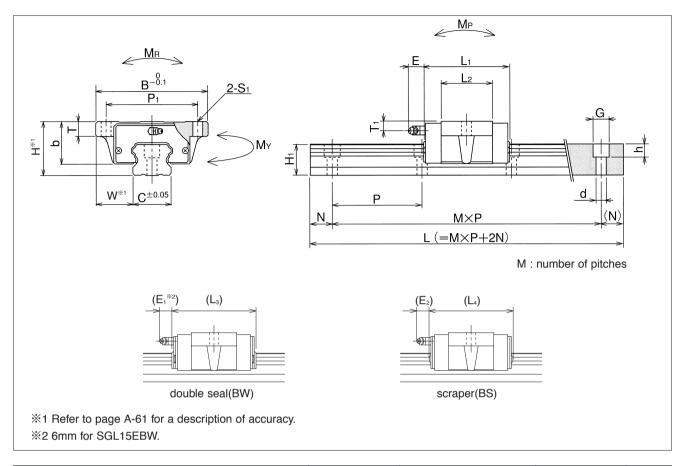




	assembly o	dimensions						block	dimens	sions					
part number	H	W	B	L₁ mm	L ₂	L₃ mm	L₄ mm	P ₁	S₁ mm	T	b mm	E₁ mm	E ₂	T₁ mm	grease fitting
SGL15E SGL15E-D	24	18.5	52	40.7	22.7	46.9	47.3	41	4.5	7	19.5	5	5.4	5	pressed fitting
SGL20E	28	19.5	59	47.9	29.5	54.1	54.5	49	5.5	9	22		13.3	6	
SGL25E	33	25	73	58.7	37.7	65.1	65.9	60	7	10	26	14	13.1	6.5	B-M6F
SGL30E	42	31	90	68	40	76.6	75.6	72	9	10	32.5	14	14.0	9	D-MOF
SGL35E	48	33	100	77	46	85.6	84.6	82	y	13	38		14.0	8.5	

part number							stand	ard rail	length						
								mm							
SGL15	160	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000
SGL20	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL25	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL30	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400
SGL35	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400



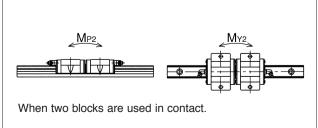


		guide-rail dimensions			basic loa	d rating	allowab	le static r	noment	ma	ass	
H₁	С	d×G×h	Ν	Р	dynamic	static	M _P	M _Y	M _R	block	guide rail	size
					С	Co	M_{P2}	M_{Y2}				Size
mm	mm	mm	mm	mm	kN	kN	N·m	N·m	N·m	kg	kg/m	
13.5	15	3.5×6×4.5			7.29	9.46	37	37	74	0.1	1.3	15
13.3	13	4.5×7.5×5.3			1.29	3.40	252	252	74	0.1	1.5	13
16	20	6×9.5×8.5		60	11.91	14.81	72	72	159	0.2	2.1	20
10	20	0 × 9.5 × 6.5		00	11.91	14.01	447	447	159	0.2	2.1	20
20	23		20		17.0	21.2	123	123	255	0.4	3.0	25
20	23	7×11×9	20		17.0	21.2	751	751	200	0.4	3.0	25
24	28	/ ^ 11 ^ 9			23.0	28.7	195	195	418	0.6	4.6	30
24	20			80	23.0	20.7	1,263	1,263	410	0.6	4.0	30
27.5	34	9×14×12		00	32.0	37.8	294	294	693	0.9	6.2	35
27.5	34	9 ^ 14 × 12			3∠.0	37.8	1,873	1,873	693	0.9	0.2	35

1kN≒102kgf 1N·m≒0.102kgf·m

							maximum length mm
1,120	1,240	1,360	1,480				2,000
1,240	1,360	1,480	1,600	1,720	1,840	1,960	3,000
1,240	1,360	1,480	1,600	1,720	1,840	1,960	3,000
1,480	1,640	1,720	1,800	1,960			3,000
1,480	1,640	1,720	1,800	1,960			3,000

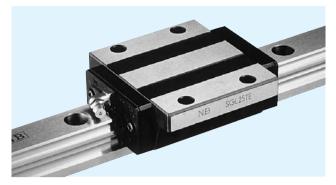


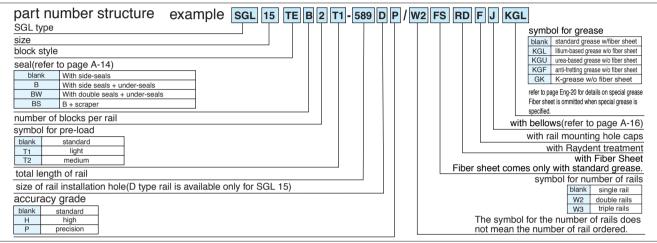




SGL-TE TYPE

- High Rigidity Flange Type -



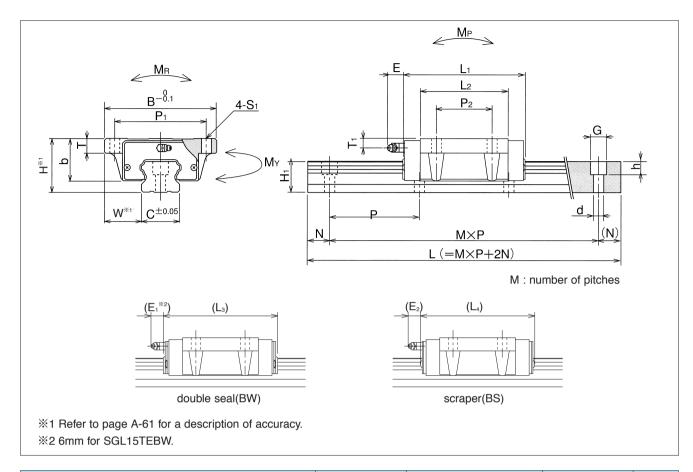


	assembly of	dimensions						b	lock din	nension	S					
part number	Н	W	В	L ₁	L ₂	L₃	L ₄	P₁	P ₂	S ₁	Т	b	E₁	E ₂	T₁	grease fitting
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	. 5
SGL15TE SGL15TE-D	24	18.5	52	56.5	38.5	62.7	63.1	41	26	4.5	7	19.5	5	5.4	5	pressed fitting
SGL20TE	28	19.5	59	65.8	47.4	72	72.4	49	32	5.5	9	22		13.3	6	
SGL25TE	33	25	73	80.2	59	86.4	87.2	60	35	7	10	26	14	13.1	6.5	B-M6F
SGL30TE	42	31	90	95.7	67.7	104.3	103.3	72	40	9	10	32.5	14	14.0	9	D-IVIO
SGL35TE	48	33	100	109	78	117.6	116.6	82	50	9	13	38		14.0	8.5	

part number							stand	ard rail I L	length						
								mm							
SGL15	160	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000
SGL20	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL25	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL30	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400
SGL35	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400



SLIDE SCREW



		guide-rail dimensions			basic loa	ad rating	allowab	le static r	noment	ma	ass	
H₁	С	d×G×h	Ν	Р	dynamic	static	M _P	M _Y	M _R	block	guide rail	size
					С	Co						SIZE
mm	mm	mm	mm	mm	kN	kg	N·m	N⋅m	N⋅m	kg	kg/m	
13.5	15	$3.5 \times 6 \times 4.5$			10.6	16.2	100	100	127	0.2	1.3	15
13.5	15	4.5×7.5×5.3			10.0	10.2	100	100	121	0.2	1.3	15
16	20	6×9.5×8.5		60	16.4	23.3	165	165	250	0.3	2.1	20
20	23	7×11×9	20		24.8	36.3	335	335	437	0.6	3.0	25
24	28	/			33.6	49.2	529	529	716	1.0	4.6	30
27.5	34	9×14×12		80	46.7	64.8	796	796	1,188	1.5	6.2	35

1kN≒102kgf 1N·m≒0.102kgf·m

							maximum length mm
1,120	1,240	1,360	1,480				2,000
1,240	1,360	1,480	1,600	1,720	1,840	1,960	3,000
1,240	1,360	1,480	1,600	1,720	1,840	1,960	3,000
1,480	1,640	1,720	1,800	1,960			3,000
1,480	1,640	1,720	1,800	1,960			3,000

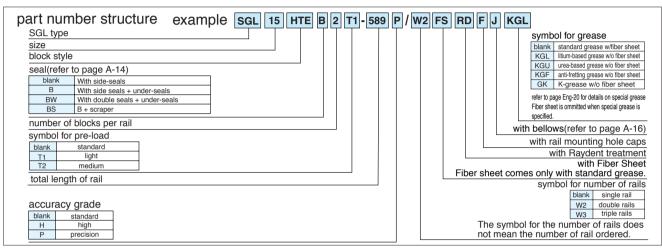






SGL-HTE TYPE





	assembly	dimensions							block	dimen	sions						
part number	Н	W	В	L ₁	L ₂	L ₃	L ₄	P ₁	P ₂	S ₁	D	Т	b	E₁	E2	T ₁	grease fitting
	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	
SGL15HTE	24	16	47	56.5	38.5	62.7	63.1	38	30	M5	4.4	7	19.7	5	5.4	5	pressed fitting
SGL20HTE	30	21.5	63	71.6	53.2	77.8	78.2	53	40	M6	5.4	10.5	24		13.3	8	
SGL25HTE	36	23.5	70	80	59	86.4	87.2	57	45	M8	6.8	12.5	29		13.1	9.5	B-M6F
SGL30HTE	42	31	90	95.7	67.7	104.3	103.3	72	52	Mao	0.5	10	32.5	14	140	9	B-MOP
SGL35HTE	48	33	100	109	78	117.6	116.6	82	62	M10	8.5	13	38		14.0	8.5	
SGL45HTE	60	37.5	120	139	102	147	147.5	100	80	M12	10.5	15	50	16	16	10	B-PT1/8

part number							standa	ard rail L	length						
								<u>mm</u>							
SGL15	160	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000
SGL20	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL25	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL30	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400
SGL35	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400
SGL45	570	675	780	885	990	1,095	1,200	1,305	1,410	1,515	1,620	1,725	1,830	1,935	2,040

M_P M_{R} Ε <u>B</u>-0.1 4-S₁ (inner dia. D) Pı P2 G OX. W^{*1} $C^{\pm 0.05}$ Ρ d $M \times P$ (N) Ν $L (=M \times P + 2N)$ M:number of pitches (E_1^{*2}) (L₃) (E_2) (L_4)

	ç	juide-rail dimension	S		basic loa	ad rating	allowat	ole static r	noment	ma	ass	
H₁	С	d×G×h	N	Р	dynamic	static	M _P	M _Y	M _R	block	guide rail	size
					С	Co						Size
mm	mm	mm	mm	mm	kN	kN	N⋅m	N·m	Ν·m	kg	kg/m	
13.5	15	4.5×7.5×5.3			10.6	16.2	100	100	127	0.2	1.3	15
16	20	6×9.5×8.5		60	18.4	27.5	227	227	296	0.4	2.1	20
20	23	7×11×9	20		24.8	36.3	335	335	437	0.6	3.0	25
24	28	0.244.240		00	33.6	49.2	529	529	716	1.0	4.6	30
27.5	34	9×14×12		80	46.7	64.8	796	796	1,188	1.5	6.2	35
36.5	45	14×20×17	22.5	105	74.8	101.2	1,553	1,553	2,312	3.1	10.5	45

scraper(BS)

1kN≒102kgf 1N·m≒0.102kgf·m

									maximum length mm
1,120	1,240	1,360	1,480						2,000
1,240	1,360	1,480	1,600	1,660	1,720	1,840	1,960		3,000
1,240	1,360	1,480	1,600	1,660	1,720	1,840	1,960		3,000
1,480	1,640	1,720	1,800	1,880	1,960				3,000
1,480	1,640	1,720	1,800	1,880	1,960				3,000
2,145	2,250	2,355	2,460	2,565	2,670	2,775	2,880	2,985	3,000

double seal(BW)

%1 Refer to page A-61 for a description of accuracy.

%2 6mm for SGL15HTEBW.

