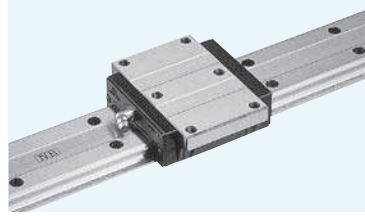


SGW-TE TYPE



part number structure

example **SGW 21 TE B 2 T1 - 589 P/W2 FS LB F - KGL**

SGW type

size

TE typeblock

seal (refer to page A-14)

blank: with side-seals

B: with side-seals + under-seals

number of blocks attached to one rail

preload symbol

blank: standard

T1: light

T2: medium

total length of rail

accuracy grade

blank: standard

H: high

P: precision

symbol for grease
blank: standard grease
KGL: lithium-based grease
KGU: urea-based grease
KGF: anti-fretting grease
GK: K-grease
 refer to page Eng-39~

with rail mounting hole caps

with low temperature black chrome treatment

with Fiber Sheet
 (Fiber Sheet comes only with standard grease.)

symbol for number of axes*

blank: single axis

W2: 2 parallel axes

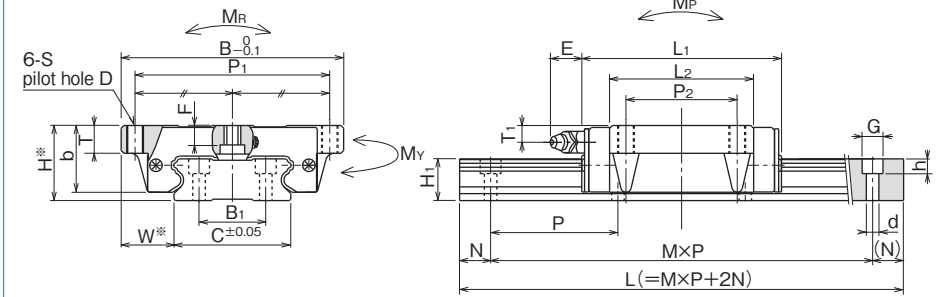
W3: 3 parallel axes

*The symbol for the number of axes does not mean the number of rails ordered.

part number	assembly dimensions		block dimensions												grease fitting
	H	W	B	L ₁	L ₂	P ₁	P ₂	S	D	F	T	b	E	T ₁	
	mm	mm	mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	mm	
SGW17TE	17	13.5	60	51	33.6	53	26	M4	3.3	3.2	6	14.5	2.5	4	pressed fitting
SGW21TE	21	15.5	68	58	40	60	29	M5	4.4	3.7	8	18	12	4.5	B-M6F
SGW27TE	27	19	80	71.8	51.8	70	40	M6	5.3	6	10	24		6	
SGW35TE	35	25.5	120	106.6	77.6	107	60	M8	6.8	8	14	31		8	

part number	standard rail length L mm									
SGW17	110	150	190	230	270	310	350	390	430	590
SGW21	130	180	230	280	330	380	430	480	530	730
SGW27	160	220	280	340	400	460	520	640	760	1,000
SGW35	280	360	440	520	600	680	760	920	1,080	1,400

Rails exceeding the maximum specified length may be fabricated if joints are used. Please contact NB for assistance.



M: number of pitches

*Please refer to page A-79 for accuracy.

H ₁	C	B ₁	guide rail dimensions d×G×h	N	P	basic load rating		allowable static moment			mass		block size
						dynamic C kN	static C ₀ kN	M _P N·m	M _Y N·m	M _R N·m	block kg	guide rail kg/m	
9	33	18	4.5×7.5×5.3	15	40	4.8	8.6	43	43	161	0.14	2.05	17
11	37	22			50	7	12	72	72	253	0.23	2.84	21
15	42	24		20	60	13	22	172	172	496	0.46	4.43	27
19	69	40	7×11×9		80	31	49	579	579	1,855	1.35	9.32	35

1kN≒102kgf 1N·m≒0.102kgf·m

							maximum length mm
670	750	830	950	1,070	1,190	1,310	2,000
830	930	1,030	1,180	1,330	1,480		2,000
1,180	1,360	1,540	1,720	1,900			3,000
1,640	1,880	2,120					3,000