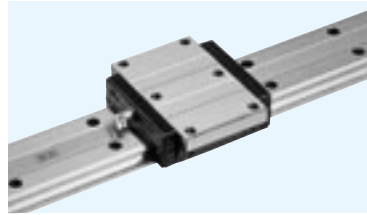


SGW-TE TYPE



part number structure

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

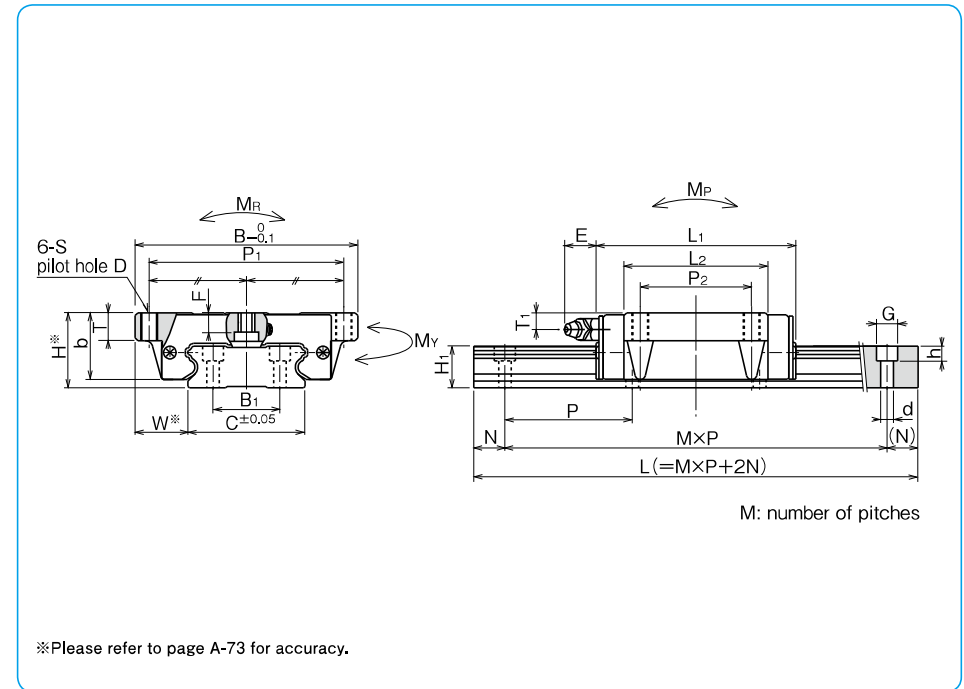
SGW type	size	TE typeblock	seal (refer to page A-14)	number of blocks attached to one rail	preload symbol	total length of rail	accuracy grade	symbol for grease	with rail mounting hole caps	with low temperature black chrome treatment	with Fiber Sheet	symbol for number of axes*
blank	blank	blank	blank: with side-seals B: with side-seals + under-seals	blank	blank: standard T1: light T2: medium	blank	blank: standard H: high P: precision	blank: standard grease KGL: lithium-based grease KGU: urea-based grease KGF: anti-fretting grease GK: K-grease refer to page Eng-39~	blank	blank	blank	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	L1	L2	P1	P2	S	D	F	T	b	E		T1
	mm	mm	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		4.5	B-M6F
SGW27TE	27	19	80	71.8	51.8	70	40	M6	5.3	6	10	24	12	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	510	590
SGW21	130	180	230	280	330	380	430	480	530	630	730
SGW27	160	220	280	340	400	460	520	640	760	880	1,000
SGW35	280	360	440	520	600	680	760	920	1,080	1,240	1,400

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



guide rail dimensions						basic load rating		allowable static moment			mass		block size
H1	C	B1	d × G × h	N	P	dynamic C	static Co	MP	MY	MR	block	guide rail	
mm	mm	mm	mm	mm	mm	kN	kN	N · m	N · m	N · m	kg	kg/m	
9	33	18	4.5 × 7.5 × 5.3	15	40	4.82	8.56	42.8 261	42.8 261	160	0.14	2.05	17
11	37	22			50	7.01	12.1	72.3 418	72.3 418	253	0.23	2.84	21
15	42	24		20	60	12.9	21.5	171 931	171 931	496	0.46	4.43	27
19	69	40	7 × 11 × 9		80	30.6	48.5	578 3,100	578 3,100	1,850	1.35	9.32	35

MP2 and MY2 are allowable static moments when two blocks are used in close contact. 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