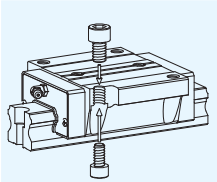
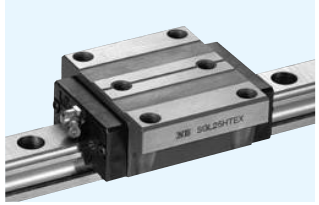
SGL-HTEX TYPE

— High Rigidity Six hole Flange Type —





part number structure

example **SGL 15 HTEX B 2 T1 -589 P / W2 FS LB F J -KGLA**

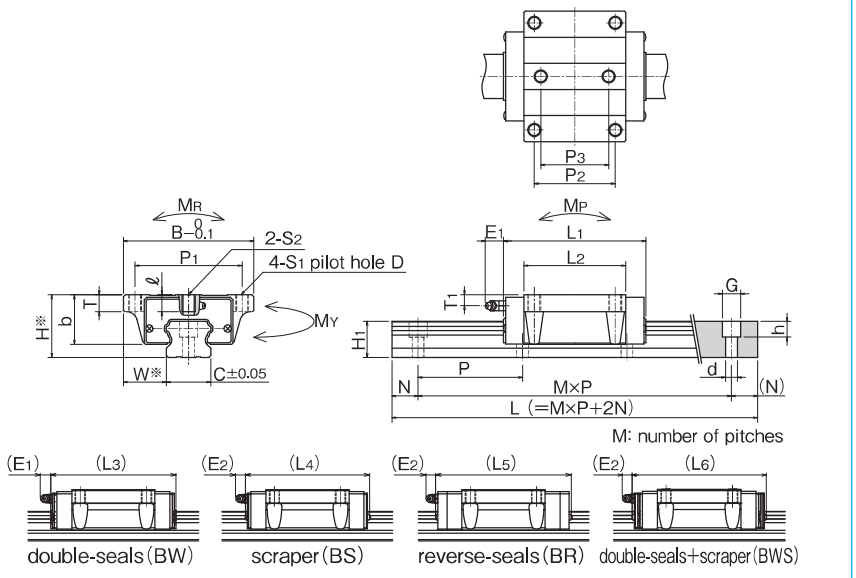
- SGL type
- size
- block style
- seal (refer to page A-14)
  blank: with side-seals
  B: with side-seals + under-seals
  BW: with double-seals + under-seals
  BS: B + scraper
  BR: B + reverse-seals
  BWS: BW + scraper
- number of blocks attached to one rail
- preload symbol (refer to page A-54)
  blank: standard
  T1: light
  T2: medium
- total length of rail
- symbol for grease (refer to page Eng-40~)
  blank: standard grease
  KGLA: lithium-based grease
  KGU: urea-based grease
  KGF: anti-fretting grease
- with bellows (refer to page A-20)
- with rail mounting hole caps(refer to page A-17)
- with low temperature black chrome treatment
- with Fiber Sheet (refer to page A-18)
- symbol for number of axes※
  blank: single axis
  W2: 2 parallel axes
  W3: 3 parallel axes
- accuracy grade (refer to page A-53)
  blank: standard
  H: high
  P: precision

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

part number	assembly dimensions H mm	W mm	block dimensions B mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	P1 mm	P2 mm	S1	D mm	T mm	P3 mm	S2	f mm	b mm
SGL15HTEX	24	16	47	56.5	38.5	62.7	63.1	70.1	69.3	38	30	M5	4.4	7.5	26	M5	6	19.7
SGL20HTEX	30	21.5	63	71.6	53.2	77.8	78.2	89.2	84.4	53	40	M6	5.4	10.5	35	M6	8	24
SGL25HTEX	36	23.5	70	80	59	86.4	87.2	98.2	93.4	57	45	M8	6.8	12.5	40	M8	10	29
SGL30HTEX	42	31	90	95.7	67.7	104.3	103.3	113.9	111.9	72	52	M10	8.5	10	44	M10		32.5
SGL35HTEX	48	33	100	109	78	117.6	116.6	127.2	125.2	82	62			13	52		13	38
SGL45HTEX	60	37.5	120	139	102	147.5	148	158.7	156.6	100	80	M12	10.5	15	60	M12	14	50

part number	standard rail length L mm															
SGL15	160	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120
SGL20	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120	1,240
SGL25	220	280	340	400	460	520	580	640	700	760	820	880	940	1,000	1,120	1,240
SGL30	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400	1,480
SGL35	280	360	440	520	600	680	760	840	920	1,000	1,080	1,160	1,240	1,320	1,400	1,480
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	2,145

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



※Please refer to page A-53 for accuracy.

E1 mm	E2 mm	T1 mm	grease fitting	guide rail dimensions H1 mm	C mm	d×G×h mm	N mm	P mm	basic load rating dynamic C kN	static Co kN	allowable static moment MP MP2 N・m	MY MY2 N・m	MR N・m	mass block kg	guide rail kg/m	block size
6	5.4	5	pressed fitting	13.5	15	4.5×7.5×5.3	20	60	10.6	16.2	99.5 565	99.5 565	126	0.2	1.3	15
12	11	8	B-M6F	16	20	6×9.5×8.5			18.3	27.5	226 1,180	226 1,180	296	0.4	2.1	20
		9.5		20	23	7×11×9			24.7	36.3	334 1,740	334 1,740	437	0.6	3.0	25
		9		24	28	9×14×12		80	33.6	49.2	528 2,880	528 2,880	716	1.0	4.6	30
		8.5		27.5	34				46.6	64.8	796 4,290	796 4,290	1,180	1.5	6.2	35
15	15	10	B-PT1/8	36.5	45	14×20×17	22.5	105	74.7	101	1,550 8,250	1,550 8,250	2,310	3.1	10.5	45

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