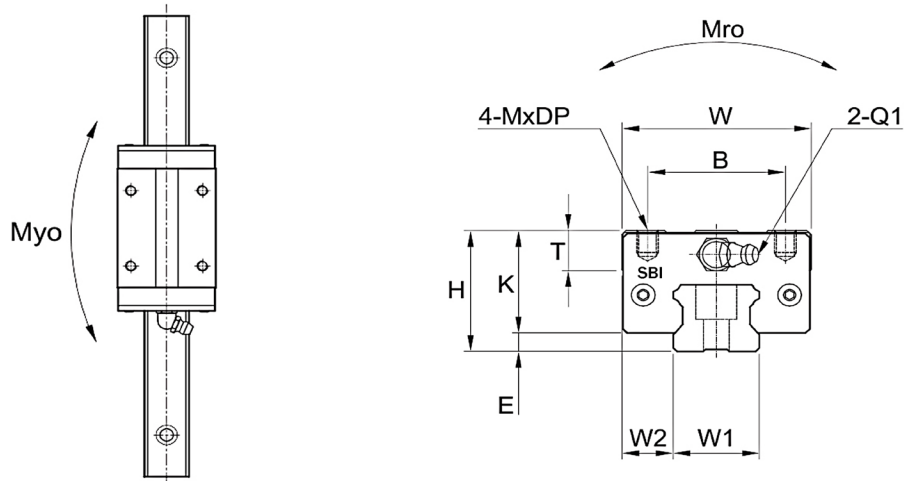


SBI Linear Rail Series
Slim Series: HL, HLL, HLS



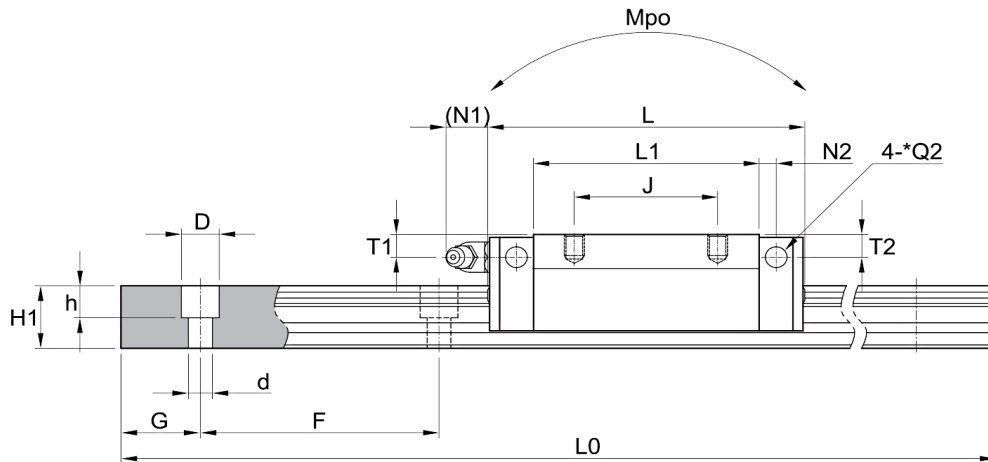
Model	Mounting dimension				Block dimensions												
	H	W	L	E	Mounting tap hole				L1	T±1	K	Grease fitting					
					B	J	M	DP				T1	N1	T2	N2	Q1	*Q2
SBI15 HLS	24	34	57	3	26	26	M4	4	38.2	6	21	4.5	5.5	3.8	3.8	M4x0.7	ø3.5
SBI15 HL	24	34	64	3	26	26	M4	4	45.2	6	21	4.5	5.5	3.8	3.8	M4x0.7	ø3.5
SBI15 HLL	24	34	79	3	26	34	M4	4	60.8	6	21	4.5	5.5	3.8	3.8	M4x0.7	ø3.5
SBI25 HLS	36	48	83	5.5	35	35	M6	6	61	12	30.5	6	12	5	5.5	M6x0.75	ø3.5
SBI25 HL	36	48	92	5.5	35	35	M6	6	70	12	30.5	6	12	5	5.5	M6x0.75	ø3.5
SBI25 HLL	36	48	108	5.5	35	50	M6	6	86	12	30.5	6	12	5	5.5	M6x0.75	ø3.5
SBI30 HLS	42	60	97	7	40	40	M8	8	68.8	12	35	8.5	12	7.8	5	M6x0.75	ø5.7
SBI30 HL	42	60	108	7	40	40	M8	8	79.6	12	35	8.5	12	7.8	5	M6x0.75	ø5.7
SBI30 HLL	42	60	132	7	40	60	M8	8	103.6	12	35	8.5	12	7.8	5	M6x0.75	ø5.7
SBI35 HLS	48	70	108	8	50	50	M8	8	78.2	15	40.5	8	12	8	6	M6x0.75	ø5.7
SBI35 HL	48	70	125	7.5	50	50	M8	8	94.6	15	40.5	8	12	8	6	M6x0.75	ø5.7
SBI35 HLL	48	70	153	7.5	50	72	M8	8	122.6	15	40.5	8	12	8	6	M6x0.75	ø5.7
SBI45 HL	60	86	142	9	60	60	M10	10	108	17	51	10.5	13.5	9.3	6.5	PT1/8	ø5.7
SBI45 HLL	60	86	174	9	60	80	M10	10	140	17	51	10.5	13.5	9.3	6.5	PT1/8	ø5.7
SBI55 HL	70	100	172	12	75	75	M12	12	131	21	58	12	13	12	8	PT1/8	ø8.7
SBI55 HLL	70	100	212	12	75	95	M12	12	170.4	21	58	12	13	12	8	PT1/8	ø8.7

C (Basic dynamic load rating), Co (Basic static load rating)

*Q2: The hole of side grease nipple is not made to prevent a foreign substance from entering inside.
 When you order the side grease nipple, we build it by ourselves.

LINEAR RAIL SYSTEM

Available for Quick Delivery
Slim Series: HL, HLL, HLS



Model	Rail dimensions									Basic load rating (kN)		Permissible static moment (kN·m)			Mass	
	W1	W2	H1	F	Bolt hole			G	Max Rail Length LO	C	Co	Mro	Mpo	Myo	Block (kg)	Rail (kg/m)
					d	D	h									
SBI15 HLS	15	9.5	13	60	4.5	7.5	5.5	20	3000	12.3	18.3	0.13	0.08	0.08	0.15	1.3
SBI15 HL	15	9.5	13	60	4.5	7.5	5.5	20	3000	14.1	24.1	0.16	0.17	0.17	0.18	1.3
SBI15 HLL	15	9.5	13	60	4.5	7.5	5.5	20	3000	17.1	31.7	0.21	0.29	0.29	0.24	1.3
SBI25 HLS	23	12.5	20	60	7	11	9	20	4000	28.9	42.8	0.49	0.32	0.32	0.47	3
SBI25 HL	23	12.5	20	60	7	11	9	20	4000	31.5	52.1	0.56	0.56	0.56	0.57	3
SBI25 HLL	23	12.5	20	60	7	11	9	20	4000	36.7	64.4	0.69	0.84	0.84	0.7	3
SBI30 HLS	28	16	23	80	9	14	12	20	4000	39.2	57.7	0.8	0.49	0.49	0.8	4.25
SBI30 HL	28	16	23	80	9	14	12	20	4000	42.8	65.4	0.85	0.77	0.77	0.95	4.25
SBI30 HLL	28	16	23	80	9	14	12	20	4000	51.3	84.7	1.1	1.3	1.3	1.22	4.25
SBI35 HLS	34	18	26	80	9	14	12	20	4000	52	73.3	1.24	0.71	0.71	1.35	6.02
SBI35 HL	34	18	26	80	9	14	12	20	4000	59.5	89.1	1.42	1.28	1.28	1.87	6.02
SBI35 HLL	34	18	26	80	9	14	12	20	4000	71.3	115	1.83	2.12	2.12	2.04	6.02
SBI45 HL	45	20.5	32	105	14	20	17	22.5	4000	79.2	116	2.48	1.9	1.9	2.8	9.77
SBI45 HLL	45	20.5	32	105	14	20	17	22.5	4000	94.8	151	3.21	3.14	3.14	3.29	9.77
SBI55 HL	53	23.5	38	120	16	23	20	30	4000	127	182	4.81	2.97	2.97	4.42	13.72
SBI55 HLL	53	23.5	38	120	16	23	20	30	4000	148	225	5.95	4.78	4.78	5.82	13.72