

Dimensions

Unit: mm

Model	Download	Mounting dimension				Block dimensions														Rail dimension								Basic load rating (kN)		Permissible static moment (N·m)			Mass	
		H	W	L	E	Mounting tap hole				L1	T±1	K	Grease fitting						W1	W2	H1	F	Bolt hole			G	Max length of rail LO	C	Co	Mro	Mpo	Myo	Block (kg)	Rail (kg/m)
		B	J	M	*S	T1	N1	T2	N2	Q1	*Q2	d	D	h																				
SBI15 FLS	FILE	24	47	56.8	3	38	30	M5	M4	38.2	9	21	4.5	5.5	3.8	3.8	M4x0.7	ø3.5	15	16	13	60	4.5	7.5	5.5	20	3000	12.3	18.3	0.13	0.08	0.08	0.2	1.3
SBI15 FL	FILE	24	47	63.8	3	38	30	M5	M4	45.2	9	21	4.5	5.5	3.8	3.8	M4x0.7	ø3.5	15	16	13	60	4.5	7.5	5.5	20	3000	14.1	24.1	0.16	0.17	0.17	0.24	1.3
SBI15 FLL	FILE	24	47	79.4	3	38	30	M5	M4	60.8	9	21	4.5	5.5	3.8	3.8	M4x0.7	ø3.5	15	16	13	60	4.5	7.5	5.5	20	3000	17.1	31.7	0.21	0.29	0.29	0.3	1.3
SBI20 FLS	FILE	30	63	73.8	4.6	53	40	M6	M5	51.8	12	25.4	6	12	5.8	5	M6x0.75	ø3.5	20	21.5	16.5	60	6	9.5	8.5	20	4000	20.2	29.1	0.29	0.18	0.18	0.44	2.2
SBI20 FL	FILE	30	63	78.8	4.6	53	40	M6	M5	56.8	12	25.4	6	12	5.8	5	M6x0.75	ø3.5	20	21.5	16.5	60	6	9.5	8.5	20	4000	22.2	38.2	0.36	0.33	0.33	0.46	2.2
SBI20 FLL	FILE	30	63	96.4	4.6	53	40	M6	M5	74.4	12	25.4	6	12	5.8	5	M6x0.75	ø3.5	20	21.5	16.5	60	6	9.5	8.5	20	4000	27.9	50	0.47	0.56	0.56	0.6	2.2
SBI25 FLS	FILE	36	70	83	5.5	57	45	M8	M6	61	13	30.5	6	12	5	5	M6x0.75	ø3.5	23	23.5	20	60	7	11	9	20	4000	28.9	42.8	0.49	0.32	0.32	0.66	3
SBI25 FL	FILE	36	70	92	5.5	57	45	M8	M6	70	13	30.5	6	12	5	5	M6x0.75	ø3.5	23	23.5	20	60	7	11	9	20	4000	31.5	52.1	0.56	0.56	0.56	0.75	3
SBI25 FLL	FILE	36	70	108	5.5	57	45	M8	M6	86	13	30.5	6	12	5	5	M6x0.75	ø3.5	23	23.5	20	60	7	11	9	20	4000	36.7	64.4	0.69	0.84	0.84	0.8	3
SBI30 FLS	FILE	42	90	96.8	7	72	52	M10	M8	68.8	15.5	35	8.5	12	7.8	5	M6x0.75	ø5.7	28	31	23	80	9	14	12	20	4000	39.2	57.7	0.8	0.49	0.49	1.08	4.25
SBI30 FL	FILE	42	90	107.6	7	72	52	M10	M8	79.6	15.5	35	8.5	12	7.8	5	M6x0.75	ø5.7	28	31	23	80	9	14	12	20	4000	42.8	65.4	0.85	0.77	0.77	1.25	4.25
SBI30 FLL	FILE	42	90	131.6	7	72	52	M10	M8	103.6	15.5	35	8.5	12	7.8	5	M6x0.75	ø5.7	28	31	23	80	9	14	12	20	4000	51.3	84.7	1.1	1.3	1.3	1.65	4.25
SBI35 FLS	FILE	48	100	108.2	8	82	62	M10	M8	78.2	15	40.5	8	12	8	6	M6x0.75	ø5.7	34	33	26	80	9	14	12	20	4000	52	73.3	1.24	0.71	0.71	1.53	6.02
SBI35 FL	FILE	48	100	124.6	7.5	82	62	M10	M8	94.6	15	40.5	8	12	8	6	M6x0.75	ø5.7	34	33	26	80	9	14	12	20	4000	59.5	89.1	1.42	1.28	1.28	1.92	6.02
SBI35 FLL	FILE	48	100	152.6	7.5	82	62	M10	M8	122.6	15	40.5	8	12	8	6	M6x0.75	ø5.7	34	33	26	80	9	14	12	20	4000	71.3	115.3	1.83	2.12	2.12	2.43	6.02
SBI45 FL	FILE	60	120	142	9	100	80	M12	M10	108	18	51	10.5	13.5	9.3	6.5	PT1/8	ø5.7	45	37.5	32	105	14	20	17	22.5	4000	79.2	116.3	2.48	1.9	1.9	3.25	9.77
SBI45 FLL	FILE	60	120	174	9	100	80	M12	M10	140	18	51	10.5	13.5	9.3	6.5	PT1/8	ø5.7	45	37.5	32	105	14	20	17	22.5	4000	94.8	150.5	3.21	3.14	3.14	4.4	9.77
SBI55 FL	FILE	70	140	172.4	12	116	95	M14	M12	131	22	58	12	13	12	8	PT1/8	ø8.7	53	43.5	38	120	16	23	20	30	4000	127.3	181.8	4.81	2.97	2.97	5.08	13.72
SBI55 FLL	FILE	70	140	211.8	12	116	95	M14	M12	170.4	22	58	12	13	12	8	PT1/8	ø8.7	53	43.5	38	120	16	23	20	30	4000	147.9	224.5	5.95	4.78	4.78	6.58	13.72
SBI65 FL	FILE	90	170	219.8	19	142	110	M16	M14	170.4	26	71	14	13	14	10	PT1/8	ø8.7	63	53.5	53	150	18	26	22	35	4000	188.3	261.7	8.24	5.57	5.57	10.17	23.17
SBI65 FLL	FILE	90	170	272.2	19	142	110	M16	M14	222.8	26	71	14	13	14	10	PT1/8	ø8.7	63	53.5	53	150	18	26	22	35	4000	232.5	354.1	11.15	9.86	9.86	13.29	23.17