SBI FL Raydent

Standard block with flange. Side nipple, dustproof end seal and self-lubricant container end seal as option.

* S: Bolt size for bottom mounting type of block

Blocks and rails are in Raydent treated material:
• Corrosion resistant
• Patented black surface
• Delivered with steel balls of standard bearing steel. Stainless steel balls are available on special request and for a few sizes only. Contact Rollco for more information.

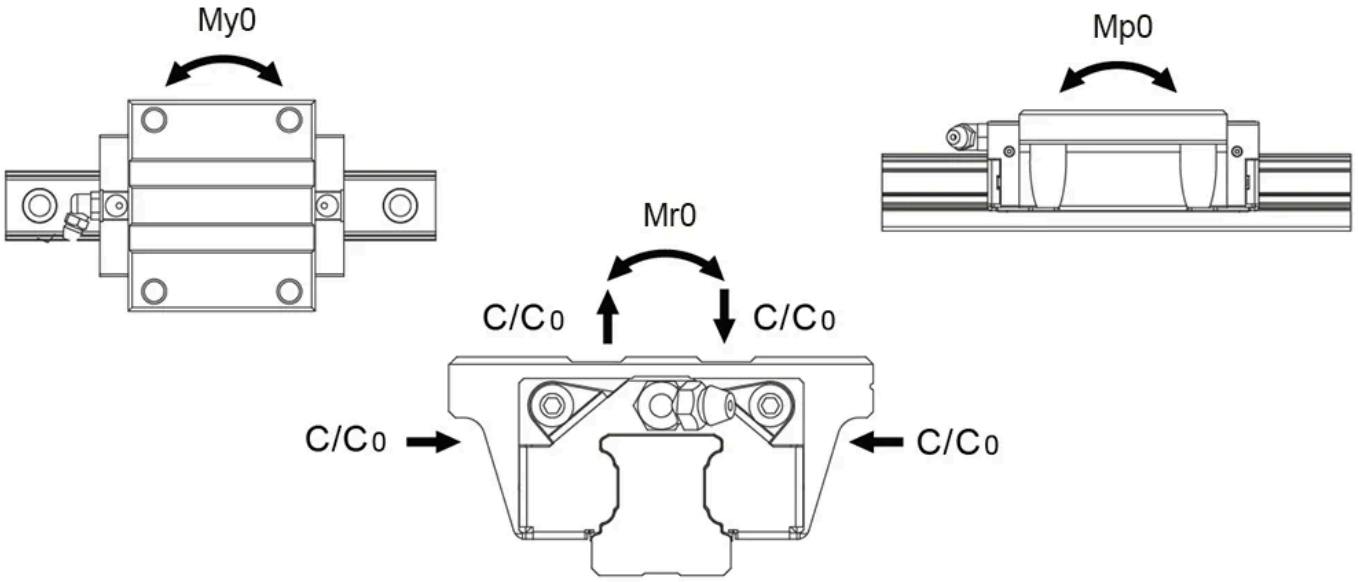
Dimensions in mm. Please verify that the hole diameter in the CAD file matches the dimensions specified in the table.

Lead times in the table below are only indications. Choice of preload and other options will affect lead time. Please contact us for exact delivery time for your request.

Note! Remember to choose Raydent under Surface Treatment when configuring your product.

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

General Data



Designation	Dynamic Load Capacity C (N)	Static Load Capacity C0 (N)	Static Moment Mr0 (Nm)	Static Moment Mp0 (Nm)	Static Moment My0 (Nm)
SBI15FL-R	14100	24100	160	170	170
SBI20FL-R	22200	38200	360	330	330
SBI25FL-R	31500	52100	560	560	560
SBI30FL-R	42800	65400	850	770	770
SBI35FL-R	59500	89100	1420	1280	1280
SBI45FL-R	79200	116300	2480	1900	1900
SBI55FL-R	127300	181800	4810	2970	2970
SBI65FL-R	188300	261700	8240	5570	5570

Designation	Dynamic Moment Mr (Nm)	Dynamic Moment Mp (Nm)	Dynamic Moment My (Nm)	Weight Block (g)
SBI15FL-R	94	99	99	240
SBI20FL-R	209	192	192	460
SBI25FL-R	339	339	339	750
SBI30FL-R	556	504	504	1250
SBI35FL-R	948	855	855	1920
SBI45FL-R	1689	1294	1294	3250
SBI55FL-R	3368	2080	2080	5080
SBI65FL-R	5929	4008	4008	10170

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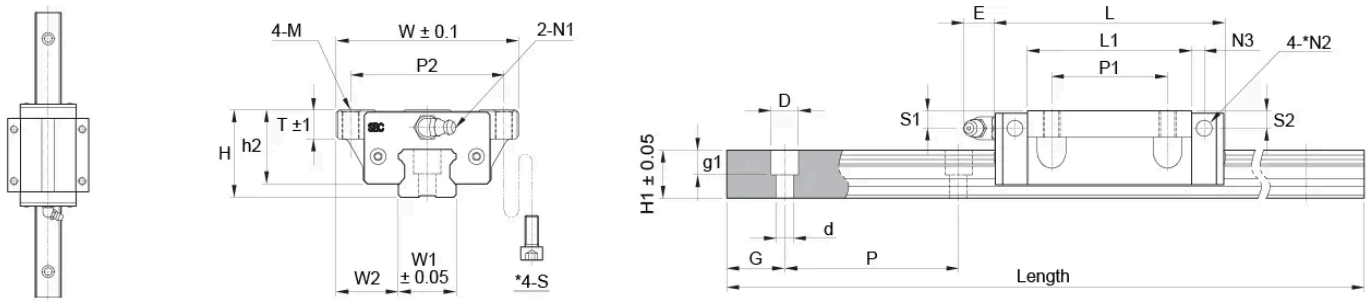
Dimensions



Designation	L	H	W	W1	W2	L1	H1	h2	S1
SBI15FL-R	63.8	24	47	15	16	45.2	13	21	4.5
SBI20FL-R	78.8	30	63	20	21.5	56.8	16.5	25.4	6
SBI25FL-R	92	36	70	23	23.5	70	20	30.5	6
SBI30FL-R	107.6	42	90	28	31	79.6	23	35	8.5
SBI35FL-R	124.6	48	100	34	33	94.6	26	40.5	8
SBI45FL-R	142	60	120	45	37.5	108	32	51	10.5
SBI55FL-R	172.4	70	140	53	43.5	131	38	58	12
SBI65FL-R	219.8	90	170	63	53.5	170.4	53	71	14

Designation	S2	D x d x g1	Hole Pitch (P)	N1	N2	N3	P1	P2	E	G
SBI15FL-R	3.8	7.5 x 4.5 x 5.5	60	M4x0.7	Ø 3.5	3.8	30	38	5.5	20
SBI20FL-R	5.8	9.5 x 6 x 8.5	60	M6x0.75	Ø 3.5	5	40	53	12	20
SBI25FL-R	5	11 x 7 x 9	60	M6x0.75	Ø 3.5	5	45	57	12	20
SBI30FL-R	7.8	14 x 9 x 12	80	M6x0.75	Ø 5.7	5	52	72	12	20
SBI35FL-R	8	14 x 9 x 12	80	M6x0.75	Ø 5.7	6	62	82	12	20
SBI45FL-R	9.3	20 x 14 x 17	105	PT 1/8	Ø 5.7	6.5	80	100	13.5	22.5
SBI55FL-R	12	23 x 16 x 20	120	PT1/8	Ø 8.7	8	95	116	13	30
SBI65FL-R	14	26 x 18 x 22	150	PT1/8	Ø 8.7	10	110	142	13	35

Designation	M	P	S	T	Length
SBI15FL-R	M5	60	M4	9	3000
SBI20FL-R	M6	60	M5	12	4000
SBI25FL-R	M8	60	M6	14	4000
SBI30FL-R	M10	80	M8	15.5	4000
SBI35FL-R	M10	80	M8	15	4000
SBI45FL-R	M12	105	M10	18	4000
SBI55FL-R	M14	120	M12	22	4000
SBI65FL-R	M16	150	M14	26	4000

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