# SBI FL

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

All blocks and rails are also available in Raydent treated material:
• Corrosion resistant
• Patented black surface
• Balls of stainless steel available as option

Please contact Rollco for more information.

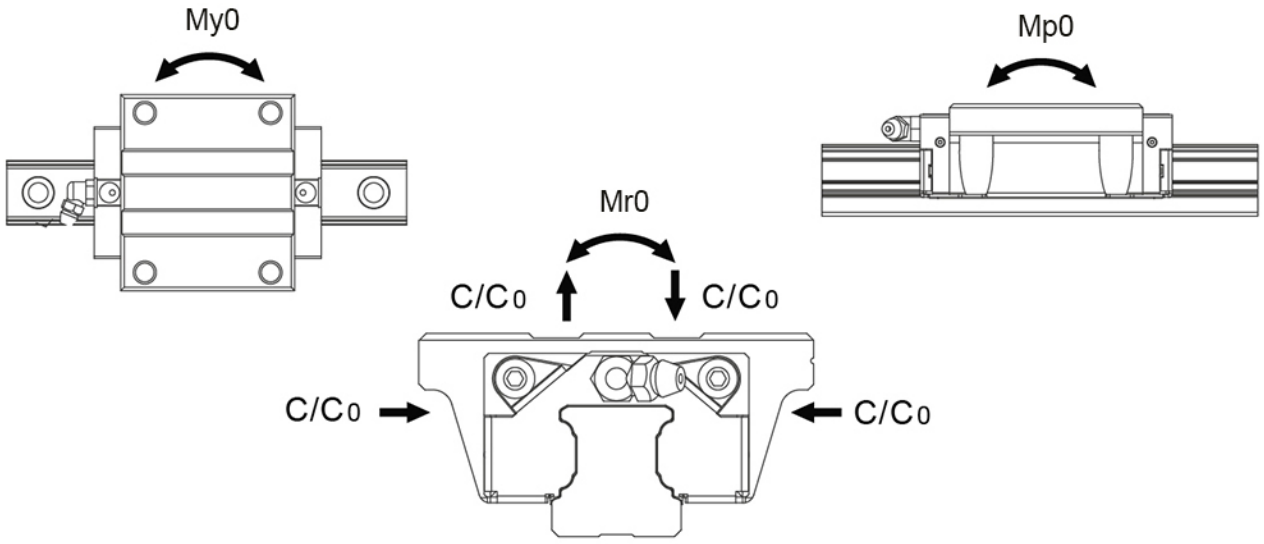
Dimensions in mm.

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.




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

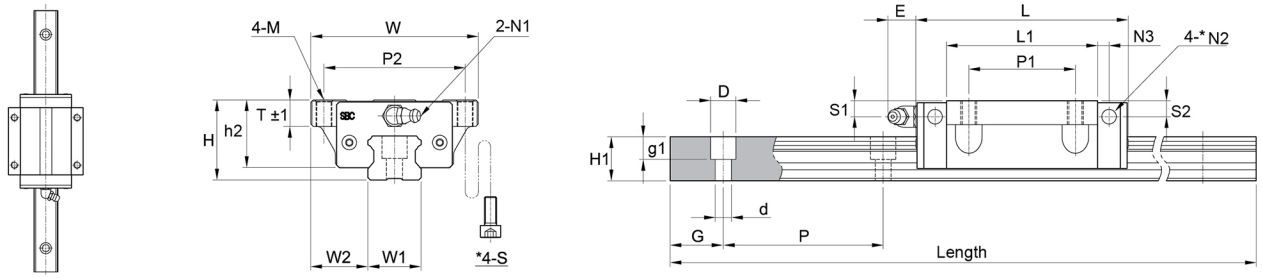



| Designation | Dynamic Load Capacity C (N) | Static Load Capacity C0 (N) | Static Moment Mr0 (Nm) | Static Moment Mp0 (Nm) | Static Moment My0 (Nm) |
|---|---|---|---|---|---|
| **SBI15FL** | 14100 | 24100 | 160 | 170 | 170 |
| **SBI20FL** | 22200 | 38200 | 360 | 330 | 330 |
| **SBI25FL** | 31500 |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

| Designation | Dynamic Moment Mr (Nm) | Dynamic Moment Mp (Nm) | Dynamic Moment My (Nm) | Weight Block (g) | Weight Rail (g/m) |
|---|---|---|---|---|---|
| **SBI15FL** | 94 | 99 | 99 | 190 | 1300 |
| **SBI20FL** | 209 | 192 | 192 | 410 | 2200 |
| **SBI25FL** | 339 | 339 | 339 | 690 | 3000 |
| **SBI30FL** | 556 | 504 | 504 | 1040 | 4250 |
| **SBI35FL** | 948 | 855 | 855 | 1560 | 6020 |
| **SBI45FL** | 1689 | 1294 | 1294 | 2800 | 9770 |
| **SBI55FL** | 3368 | 2080 | 2080 | 4420 | 13720 |
| **SBI65FL** | 5929 | 4008 | 4008 | 9100 | 23170 |


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.

# Dimensions




| Designation | L | H | W | W1 | W2 | L1 | H1 | h2 | S1 |
|---|---|---|---|---|---|---|---|---|---|
| **SBI15FL** | 63.8 | 24 | 47 | 15 | 16 | 45.2 | 13 | 21 | 4.5 |
| **SBI20FL** | 78.8 | 30 | 63 | 20 | 21.5 | 56.8 | 16.5 | 25.4 | 6 |
| **SBI25FL** | 92 | 36 | 70 | 23 | 23.5 | 70 | 20 | 30.5 | 6 |
| **SBI30FL** | 107.6 | 42 | 90 | 28 | 31 | 79.6 | 23 | 35 | 8.5 |
| **SBI35FL** | 124.6 | 48 | 100 | 34 | 33 | 94.6 | 26 | 40.5 | 8 |
| **SBI45FL** | 142 | 60 | 120 | 45 | 37.5 | 108 | 32 | 51 | 10.5 |
| **SBI55FL** | 172.4 | 70 | 140 | 53 | 43.5 | 131 | 38 | 58 | 12 |
| **SBI65FL** | 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** | 3.8 | 7.5 x 4.5 x 5.5 | 60 | M4x0.7 | Ø 3.5 | 3.8 | 30 | 38 | 5.5 | 20 |
| **SBI20FL** | 5.8 | 9.5 x 6 x 8.5 | 60 | M6x0.75 | Ø 3.5 | 5 | 40 | 53 | 12 | 20 |
| **SBI25FL** | 5 | 11 x 7 x 9 | 60 | M6x0.75 | Ø 3.5 | 5 | 45 | 57 | 12 | 20 |
| **SBI30FL** | 7.8 | 14 x 9 x 12 | 80 | M6x0.75 | Ø 5.7 | 5 | 52 | 72 | 12 | 20 |
| **SBI35FL** | 8 | 14 x 9 x 12 | 80 | M6x0.75 | Ø 5.7 | 6 | 62 | 82 | 12 | 20 |
| **SBI45FL** | 9.3 | 20 x 14 x 17 | 105 | PT 1/8 | Ø 5.7 | 6.5 | 80 | 100 | 13.5 | 22.5 |
| **SBI55FL** | 12 | 23 x 16 x 20 | 120 | PT1/8 | Ø 8.7 | 8 | 95 | 116 | 13 | 30 |
| **SBI65FL** | 14 | 26 x 18 x 22 | 150 | PT1/8 | Ø 8.7 | 10 | 110 | 142 | 13 | 35 |

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


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.