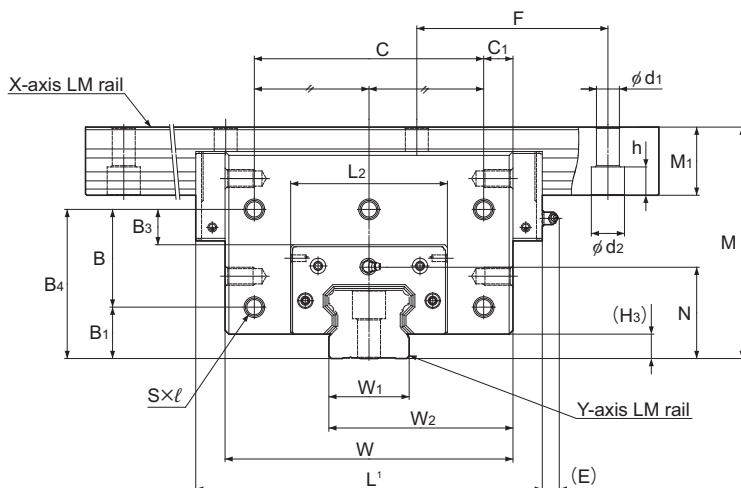


# Model SCR

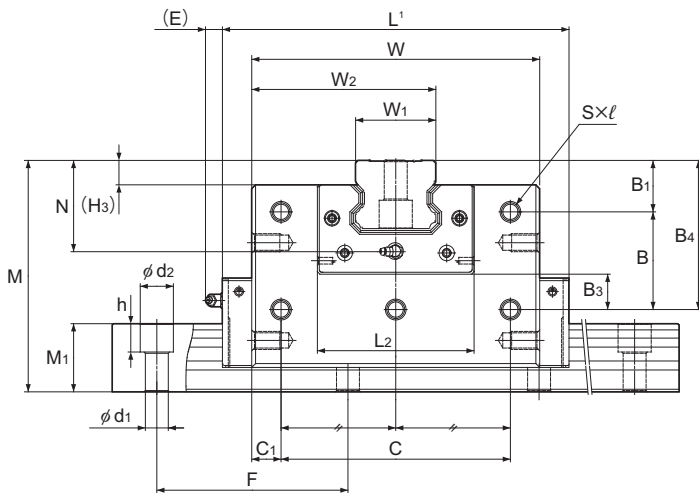


| Model No. | Outer dimensions |       |                     | LM block dimensions |                |                |    |     |                |            |                |                |      |     |
|-----------|------------------|-------|---------------------|---------------------|----------------|----------------|----|-----|----------------|------------|----------------|----------------|------|-----|
|           | Height           | Width | Length <sup>1</sup> |                     |                |                |    |     |                |            |                |                |      |     |
|           | M                | W     | L                   | B <sub>1</sub>      | B <sub>3</sub> | B <sub>4</sub> | B  | C   | C <sub>1</sub> | S×ℓ        | L <sub>2</sub> | H <sub>3</sub> | N    | E   |
| SCR 15S   | 47               | 48    | 64.4                | —                   | 11.3           | 34.8           | —  | 20  | 14             | 2×2-M4×6   | 33.4           | 3              | 18.5 | 5.5 |
| SCR 20S   | 57               | 59    | 79                  | —                   | 13             | 42.5           | —  | 30  | 14.5           | 2×2-M5×8   | 43             | 4.6            | 23.5 | 12  |
| SCR 20    | 57               | 78    | 98                  | 13                  | 7.5            | 37             | 24 | 56  | 11             | 2×5-M5×8   | 43             | 4.6            | 23.5 | 12  |
| SCR 25    | 70               | 88    | 109                 | 18                  | 9              | 44             | 26 | 64  | 12             | 2×5-M6×10  | 47.4           | 5.8            | 28.5 | 12  |
| SCR 30    | 82               | 105   | 131                 | 21                  | 12             | 53             | 32 | 76  | 14.5           | 2×5-M6×10  | 58             | 7              | 34   | 12  |
| SCR 35    | 95               | 123   | 152                 | 24                  | 14             | 61             | 37 | 90  | 16.5           | 2×5-M8×14  | 68             | 7.5            | 40   | 12  |
| SCR 45    | 118              | 140   | 174                 | 30                  | 16.5           | 75             | 45 | 110 | 15             | 2×5-M10×15 | 84.6           | 8.9            | 49.5 | 16  |
| SCR 65    | 180              | 226   | 272                 | 40                  | 27.5           | 116            | 76 | 180 | 23             | 2×5-M14×22 | 123            | 19             | 71   | 16  |

## Model number coding

**4 SCR25 QZ KKHH C0 +1240/1000L P**

|                        |                    |                                           |                                       |                                      |                            |
|------------------------|--------------------|-------------------------------------------|---------------------------------------|--------------------------------------|----------------------------|
| Total No. of LM blocks | Model number       | Contamination protection accessory symbol | LM rail length on the X axis (in mm)  | LM rail length on the Y axis (in mm) | Accuracy symbol            |
|                        | With QZ Lubricator | Radial clearance symbol                   | Normal (No symbol)/Light preload (C1) |                                      | Precision grade (P)        |
|                        |                    | Medium preload (C0)                       |                                       |                                      | Super precision grade (SP) |
|                        |                    |                                           |                                       |                                      | Ultra precision grade (UP) |



Unit: mm

|  |               | LM rail dimensions           |       |                 |              |                                            | Basic load rating |             | Static permissible moment <sup>e</sup> |               | Mass           |                 |
|--|---------------|------------------------------|-------|-----------------|--------------|--------------------------------------------|-------------------|-------------|----------------------------------------|---------------|----------------|-----------------|
|  | Grease nipple | Width<br>$W_1$<br>0<br>-0.05 | $W_2$ | Height<br>$M_1$ | Pitch<br>$F$ | Mounting hole<br>$d_1 \times d_2 \times h$ | $C$<br>kN         | $C_0$<br>kN | $M_0$<br>kN·m                          | $M_B$<br>kN·m | LM block<br>kg | LM rail<br>kg/m |
|  | PB1021B       | 15                           | 31.5  | 13              | 60           | 4.5×7.5×5.3                                | 14.2              | 24.2        | 0.16                                   | 0.175         | 0.54           | 1.3             |
|  | B-M6F         | 20                           | 39.5  | 16.5            | 60           | 6×9.5×8.5                                  | 22.3              | 38.4        | 0.334                                  | 0.334         | 0.88           | 2.3             |
|  | B-M6F         | 20                           | 49    | 16.5            | 60           | 6×9.5×8.5                                  | 28.1              | 50.3        | 0.473                                  | 0.568         | 1.7            | 2.3             |
|  | B-M6F         | 23                           | 55.5  | 20              | 60           | 7×11×9                                     | 36.8              | 64.7        | 0.696                                  | 0.848         | 3.4            | 3.2             |
|  | B-M6F         | 28                           | 66.5  | 23              | 80           | 9×14×12                                    | 54.2              | 88.8        | 1.15                                   | 1.36          | 4.6            | 4.5             |
|  | B-M6F         | 34                           | 78.5  | 26              | 80           | 9×14×12                                    | 72.9              | 127         | 2.01                                   | 2.34          | 6.8            | 6.2             |
|  | B-PT1/8       | 45                           | 92.5  | 32              | 105          | 14×20×17                                   | 100               | 166         | 3.46                                   | 3.46          | 10.8           | 10.4            |
|  | B-PT1/8       | 63                           | 144.5 | 53              | 150          | 18×26×22                                   | 253               | 408         | 11.9                                   | 13.3          | 44.5           | 23.7            |