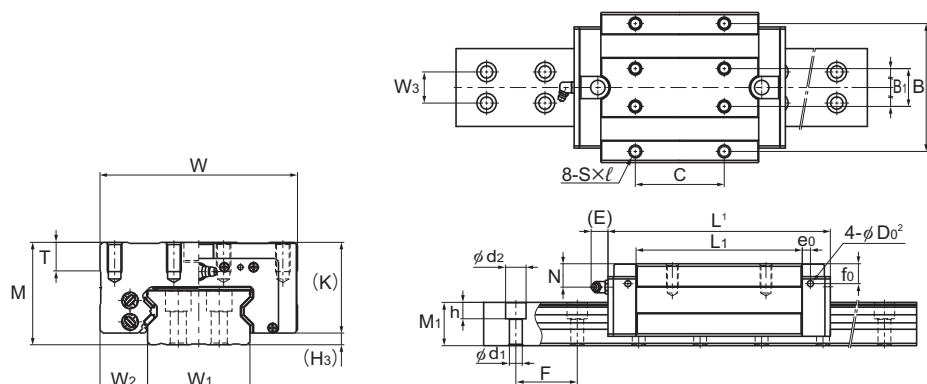


# Model SRW-LR



Models SRW70 to 100LR

| Model No. | Outer dimensions |       |                     | LM block dimensions |                |     |        |                |    |      |      |    |               | Pilot hole for side nipple |                |                             | H <sub>3</sub> |
|-----------|------------------|-------|---------------------|---------------------|----------------|-----|--------|----------------|----|------|------|----|---------------|----------------------------|----------------|-----------------------------|----------------|
|           | Height           | Width | Length <sup>1</sup> |                     |                |     |        |                |    |      |      |    | Grease nipple | e <sub>0</sub>             | f <sub>0</sub> | D <sub>0</sub> <sup>2</sup> |                |
|           | M                | W     | L                   | B                   | B <sub>1</sub> | C   | S×l    | L <sub>1</sub> | T  | K    | N    | E  |               |                            |                |                             |                |
| SRW 70LR  | 70               | 135   | 190                 | 115                 | 34             | 80  | M10×20 | 142            | 20 | 62   | 20   | 16 | B-PT1/8       | 7                          | 19             | 5.2                         | 8              |
| SRW 85LR  | 80               | 165   | 235                 | 140                 | 40             | 95  | M12×19 | 179.2          | 28 | 70   | 22   | 16 | B-PT1/8       | 9                          | 19.5           | 5.2                         | 10             |
| SRW 100LR | 100              | 200   | 303                 | 172                 | 50             | 110 | M14×20 | 229.8          | 20 | 88.5 | 27   | 16 | B-PT1/8       | 9                          | 26             | 5.2                         | 11.5           |
| SRW 130LR | 130              | 260   | 350                 | 220                 | 65             | 140 | M20×35 | 250.8          | 30 | 114  | 25   | 16 | B-PT1/8       | 15                         | 42             | 8.2                         | 16             |
| SRW 150LR | 150              | 300   | 395                 | 260                 | 75             | 200 | M20×40 | 280.2          | 35 | 134  | 28.8 | 16 | B-PT1/4       | 15                         | 53             | 8.2                         | 16             |

## Model number coding

**SRW70LR 2 QZ KKHH C0 +1200L P Z T - II**

Model number

With QZ  
Lubricator

Contamination  
protection  
accessory  
symbol

LM rail length  
(in mm)

With plate  
cover

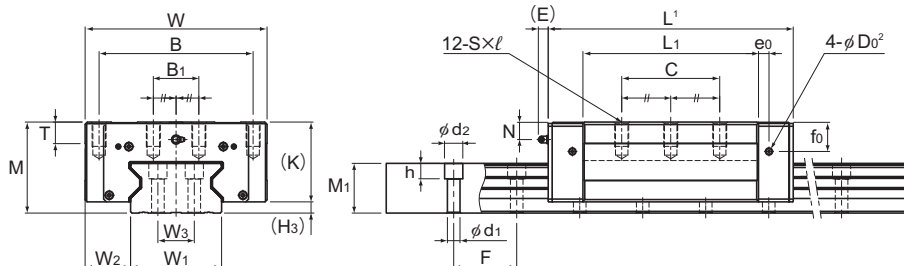
Symbol for No. of  
rails used on the  
same plane

No. of LM blocks  
used on the same rail

Radial clearance symbol  
Normal (No symbol)  
Light preload (C1)  
Medium preload (C0)

Symbol for LM rail  
jointed use

Accuracy symbol  
Precision grade (P)/Super precision grade (SP)  
Ultra precision grade (UP)



Models SRW130 and 150LR

Unit: mm

|  | LM rail dimensions           |                |                |                |       |                                   |                     | Basic load rating <sup>1</sup> |                | Static permissible moment kN·m <sup>5</sup> |          |                |          |                | Mass     |         |
|--|------------------------------|----------------|----------------|----------------|-------|-----------------------------------|---------------------|--------------------------------|----------------|---------------------------------------------|----------|----------------|----------|----------------|----------|---------|
|  | Width                        |                |                | Height         | Pitch |                                   | Length <sup>3</sup> | C                              | C <sub>0</sub> | M <sub>A</sub>                              |          | M <sub>B</sub> |          | M <sub>C</sub> | LM block | LM rail |
|  | W <sub>1</sub><br>0<br>-0.05 | W <sub>2</sub> | W <sub>3</sub> | M <sub>1</sub> | F     | d <sub>1</sub> ×d <sub>2</sub> ×h | Max                 | kN                             | kN             | 1 block                                     | 2 blocks | 1 block        | 2 blocks | 1 block        | kg       | kg/m    |
|  | 70                           | 32.5           | 28             | 37             | 52.5  | 11×17.5×14                        | 3090                | 115                            | 256            | 6.13                                        | 32.2     | 6.13           | 32.2     | 10.2           | 6.3      | 18.6    |
|  | 85                           | 40             | 32             | 43             | 60    | 14×20×17                          | 3060                | 167                            | 366            | 10.8                                        | 57       | 10.8           | 57       | 17.5           | 11.0     | 26.7    |
|  | 100                          | 50             | 38             | 54             | 75    | 16×23×20                          | 3000                | 278                            | 599            | 22.7                                        | 120      | 22.7           | 120      | 33.9           | 21.6     | 35.9    |
|  | 130                          | 65             | 52             | 71             | 90    | 18×26×22                          | 3000                | 497                            | 990            | 45.3                                        | 239      | 45.3           | 239      | 74.2           | 41.7     | 61.0    |
|  | 150                          | 75             | 60             | 77             | 105   | 24×35×28                          | 3000                | 601                            | 1170           | 60                                          | 319      | 60             | 319      | 101.6          | 65.1     | 74.4    |