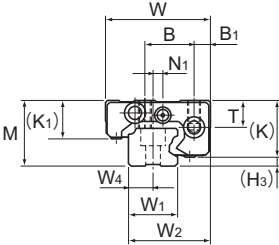
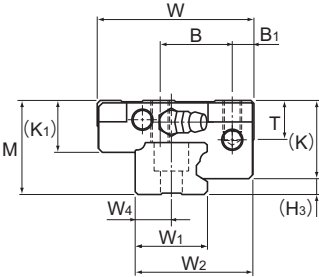


# Models GSR-T and GSR-V



Model GSR15T/V

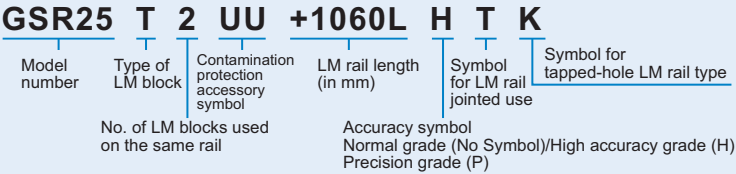


Models GSR20 to 35T, Models GSR20V, and 25V

| Model No.          | Outer dimensions |       |                     | LM block dimensions |    |         |       |                |      |      |                |     |                |     |       | Grease nipple | H <sub>3</sub> |
|--------------------|------------------|-------|---------------------|---------------------|----|---------|-------|----------------|------|------|----------------|-----|----------------|-----|-------|---------------|----------------|
|                    | Height           | Width | Length <sup>1</sup> |                     |    |         |       |                |      |      |                |     |                |     |       |               |                |
|                    | M                | W     | L                   | B <sub>1</sub>      | B  | C       | S×ℓ   | L <sub>1</sub> | T    | K    | K <sub>1</sub> | N   | N <sub>1</sub> | E   |       |               |                |
| GSR 15V<br>GSR 15T | 20               | 32    | 47.1<br>59.8        | 5                   | 15 | —<br>26 | M4×7  | 27.5<br>40.2   | 8.25 | 16.8 | 12             | 4.5 | 3              | 5.5 | PB107 | 3.2           |                |
| GSR 20V<br>GSR 20T | 24               | 43    | 58.1<br>74          | 7                   | 20 | —<br>30 | M5×8  | 34.3<br>50.2   | 9.7  | 20.6 | 13.6           | 5   | —              | 12  | B-M6F | 3.4           |                |
| GSR 25V<br>GSR 25T | 30               | 50    | 69<br>88            | 7                   | 23 | —<br>40 | M6×10 | 41.2<br>60.2   | 12.7 | 25.4 | 16.8           | 7   | —              | 12  | B-M6F | 4.6           |                |
| GSR 30T            | 33               | 57    | 103                 | 8                   | 26 | 45      | M8×12 | 70.3           | 14.6 | 28.5 | 18             | 7   | —              | 12  | B-M6F | 4.5           |                |
| GSR 35T            | 38               | 68    | 117                 | 9                   | 32 | 50      | M8×15 | 80.3           | 15.6 | 32.5 | 20.5           | 8   | —              | 12  | B-M6F | 5.5           |                |

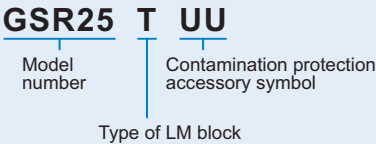
## Model number coding

Combination of LM rail and LM block

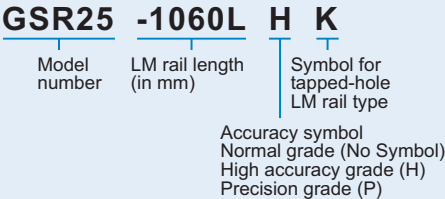


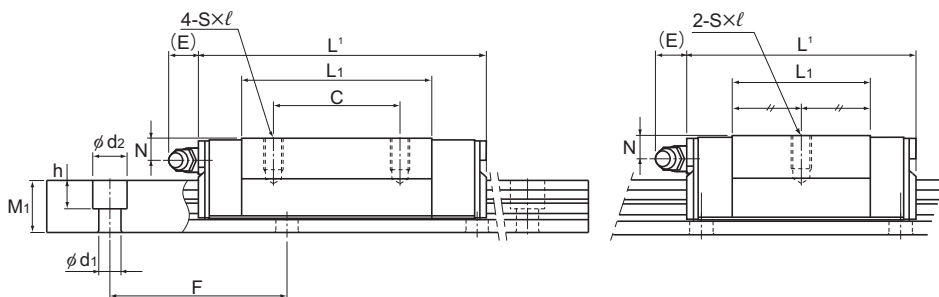
Notes: One set of model GSR. This model number indicates that a single-rail unit constitutes one set.  
See **A1-547** for contamination protection accessories. See **A1-84** for accuracy symbol.

LM block



LM rail





Models GSR15 to 35T

Models GSR15 to 25V

Unit: mm

|  | LM rail dimensions |                |                |                |       |                                   |                      | Basic load rating <sup>3)</sup> |                | Static permissible moment kN·m <sup>4)</sup>                                      |                |                                                                                   |                | Mass         |         |
|--|--------------------|----------------|----------------|----------------|-------|-----------------------------------|----------------------|---------------------------------|----------------|-----------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|----------------|--------------|---------|
|  | Width              |                |                | Height         | Pitch |                                   | Length <sup>2)</sup> | C                               | C <sub>0</sub> |  |                |  |                | LM block     | LM rail |
|  |                    |                |                |                |       |                                   |                      |                                 |                | 1 block                                                                           | 2 blocks       | 1 block                                                                           | 2 blocks       |              |         |
|  | W <sub>1</sub>     | W <sub>2</sub> | W <sub>4</sub> | M <sub>1</sub> | F     | d <sub>1</sub> ×d <sub>2</sub> ×h | Max                  | kN                              | kN             |                                                                                   |                |                                                                                   |                | kg           | kg/m    |
|  | 15                 | 25             | 7.5            | 11.5           | 60    | 4.5×7.5×5.3                       | 2000                 | 6.51<br>8.42                    | 6.77<br>9.77   | 0.0305<br>0.0606                                                                  | 0.19<br>0.337  | 0.0264<br>0.0523                                                                  | 0.165<br>0.29  | 0.08<br>0.13 | 1.2     |
|  | 20                 | 33             | 10             | 13             | 60    | 6×9.5×8.5                         | 3000                 | 10.5<br>13.6                    | 10.6<br>15.3   | 0.06<br>0.118                                                                     | 0.368<br>0.652 | 0.052<br>0.102                                                                    | 0.318<br>0.562 | 0.17<br>0.25 | 1.8     |
|  | 23                 | 38             | 11.5           | 16.5           | 60    | 7×11×9                            | 3000                 | 15.5<br>20                      | 15.2<br>22     | 0.102<br>0.205                                                                    | 0.625<br>1.11  | 0.0891<br>0.176                                                                   | 0.541<br>0.961 | 0.29<br>0.5  | 2.6     |
|  | 28                 | 44.5           | 14             | 19             | 80    | 9×14×12                           | 3000                 | 27.8                            | 29.9           | 0.325                                                                             | 1.77           | 0.28                                                                              | 1.52           | 0.6          | 3.6     |
|  | 34                 | 54             | 17             | 22             | 80    | 11×17.5×14                        | 3000                 | 37                              | 39.1           | 0.485                                                                             | 2.63           | 0.419                                                                             | 2.27           | 1            | 5       |