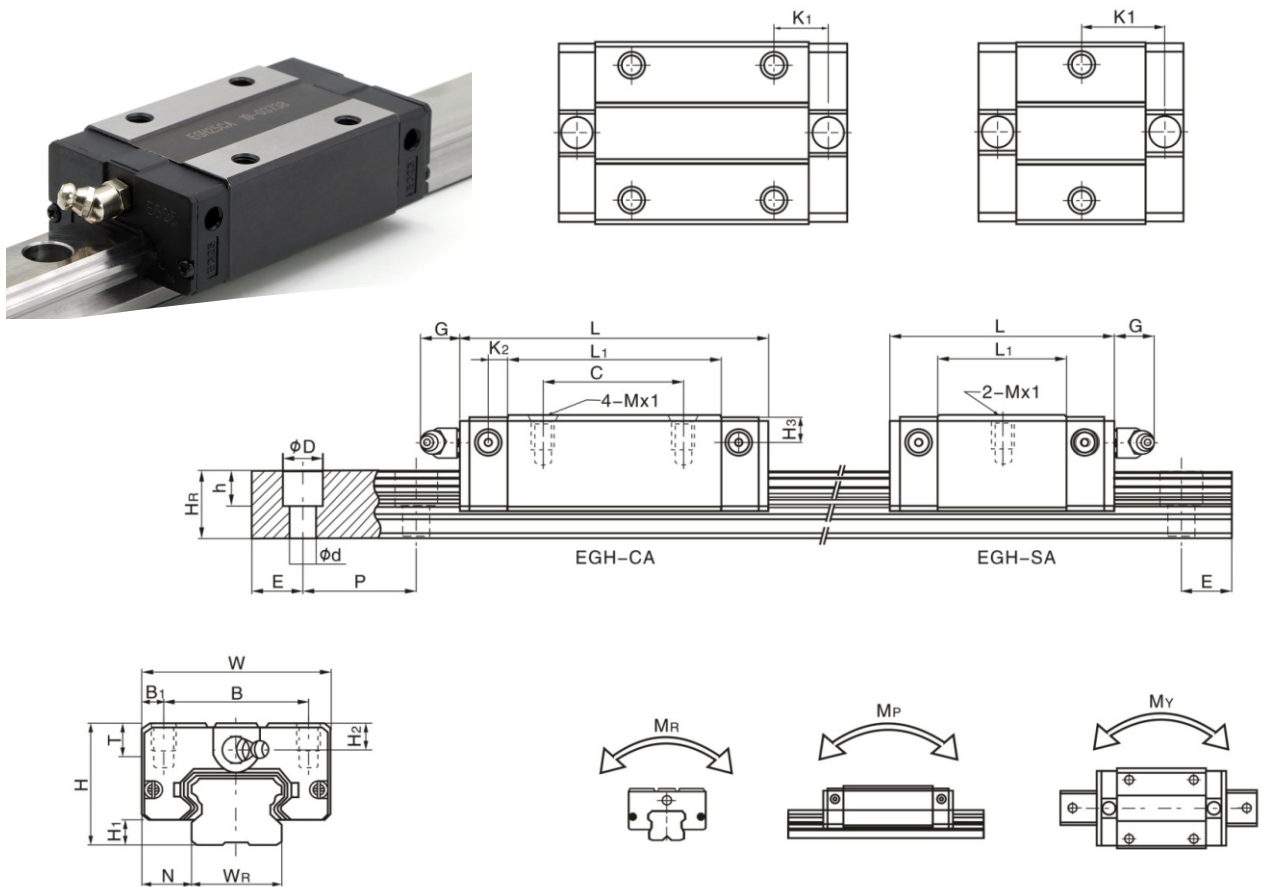


# EGH Series Linear Guideway

## Dimensions of EGH Series Linear Guideway (Low Profile Square Type)

### EGH-SA/EGH-CA



| Model No. | Dimensions Of Assembly (mm) |                |      | Dimensions of Block (mm) |    |                |    |                |      |                |                |     |                 |     |                |                | Dimensions of Rail (mm) |                |     |     |     |    |    |       |        |         | Mounting Bolt For rail | Basic Dynamic Load Rating | Basic Staic Load Rating | Static Rated Moment |                |                | Weight |      |
|-----------|-----------------------------|----------------|------|--------------------------|----|----------------|----|----------------|------|----------------|----------------|-----|-----------------|-----|----------------|----------------|-------------------------|----------------|-----|-----|-----|----|----|-------|--------|---------|------------------------|---------------------------|-------------------------|---------------------|----------------|----------------|--------|------|
|           | H                           | H <sub>1</sub> | N    | W                        | B  | B <sub>1</sub> | C  | L <sub>1</sub> | L    | K <sub>1</sub> | K <sub>2</sub> | G   | Mx <sub>1</sub> | T   | H <sub>2</sub> | H <sub>3</sub> | W <sub>R</sub>          | H <sub>R</sub> | D   | h   | d   | P  | E  | (mm)  | C (kN) | Co (kN) |                        |                           |                         | M <sub>R</sub>      | M <sub>P</sub> | M <sub>Y</sub> | Block  | Rail |
|           |                             |                |      |                          |    |                |    |                |      |                |                |     |                 |     |                |                |                         |                |     |     |     |    |    |       |        |         |                        |                           |                         | kn-m                | kn-m           | kn-m           | kg     | kg/m |
| EGH15SA   | 24                          | 4.5            | 9.5  | 34                       | 26 | 4              | -  | 23.1           | 40.1 | 14.8           | 3.5            | 5.7 | M4x6            | 6   | 5.5            | 6              | 15                      | 12.5           | 6   | 4.5 | 4.5 | 60 | 20 | M3x16 | 5.35   | 9.4     | 0.08                   | 0.04                      | 0.04                    | 0.09                | 1.25           |                |        |      |
| EGH15CA   |                             |                |      |                          |    |                | 26 | 39.8           | 56.8 | 10.15          |                |     |                 |     |                |                |                         |                |     |     |     |    |    |       | 7.83   | 16.19   | 0.13                   | 0.1                       | 0.1                     | 0.15                |                |                |        |      |
| EGH20SA   | 28                          | 6              | 11   | 42                       | 32 | 5              | -  | 29             | 50   | 18.75          | 4.15           | 12  | M5x7            | 7.5 | 6              | 6              | 20                      | 15.5           | 9.5 | 8.5 | 6   | 60 | 20 | M5x16 | 7.23   | 12.74   | 0.13                   | 1.06                      | 1.06                    | 0.15                | 2.08           |                |        |      |
| EGH20CA   |                             |                |      |                          |    |                | 32 | 48.1           | 69.1 | 12.3           |                |     |                 |     |                |                |                         |                |     |     |     |    |    |       | 10.31  | 21.13   | 0.22                   | 0.16                      | 0.16                    | 0.24                |                |                |        |      |
| EGH25SA   | 33                          | 7              | 12.5 | 48                       | 35 | 6.5            | -  | 35.5           | 59.1 | 21.9           | 4.55           | 12  | M6x9            | 8   | 8              | 8              | 23                      | 18             | 11  | 9   | 7   | 60 | 20 | M6x20 | 11.4   | 19.5    | 0.23                   | 0.12                      | 0.12                    | 0.25                | 2.67           |                |        |      |
| EGH25CA   |                             |                |      |                          |    |                | 35 | 59             | 82.6 | 16.15          |                |     |                 |     |                |                |                         |                |     |     |     |    |    |       | 16.27  | 32.4    | 0.38                   | 0.32                      | 0.32                    | 0.41                |                |                |        |      |
| EGH30SA   | 42                          | 10             | 16   | 60                       | 40 | 10             | -  | 41.5           | 69.5 | 26.75          | 6              | 12  | M8x12           | 9   | 8              | 9              | 28                      | 23             | 11  | 9   | 7   | 80 | 20 | M6x25 | 16.42  | 28.1    | 0.4                    | 0.21                      | 0.21                    | 0.45                | 4.35           |                |        |      |
| EGH30CA   |                             |                |      |                          |    |                | 40 | 70.1           | 98.1 | 21.05          |                |     |                 |     |                |                |                         |                |     |     |     |    |    |       | 23.7   | 47.46   | 0.68                   | 0.55                      | 0.55                    | 0.76                |                |                |        |      |

Note: 1kgf=9.81 N