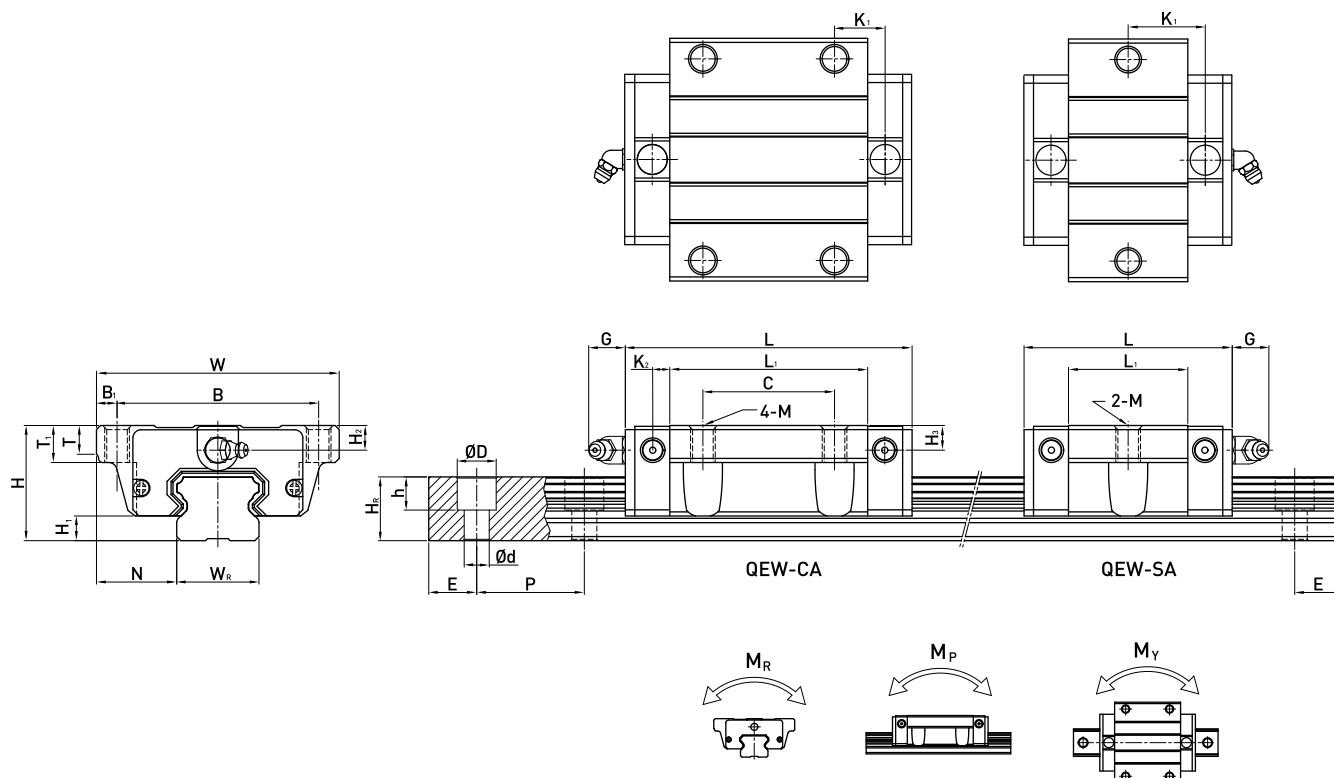


# Linear Guideways

## QE Series

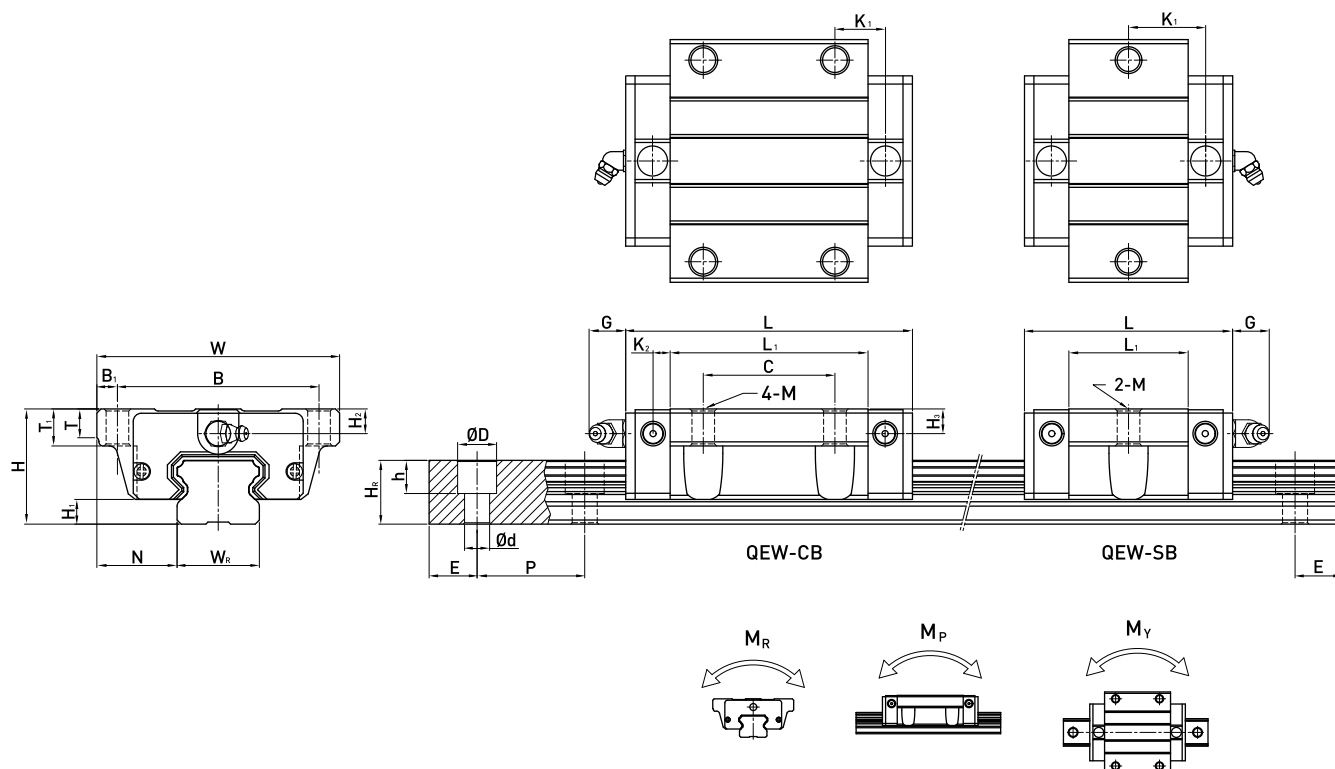
### (2) QEW-CA / QEW-SA



| Model No. | Dimensions of Assembly (mm) |                | Dimensions of Block (mm) |     |    |                |    |                |      |                |                |     |     |     |                |                |                | Dimensions of Rail (mm) |                |     |     |     |    |    | Mounting Bolt for Rail | Basic Dynamic Load Rating | Basic Static 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   | M   | T   | T <sub>1</sub> | H <sub>2</sub> | H <sub>3</sub> | W <sub>R</sub>          | H <sub>R</sub> | D   | h   | d   | P  | E  | (mm)                   | C(kN)                     | C <sub>0</sub> (kN)      | M <sub>R</sub><br>kN-m | M <sub>P</sub><br>kN-m | M <sub>Y</sub><br>kN-m | Block<br>kg | Rail<br>kg/m |
| QEW15SA   | 24                          | 4              | 18.5                     | 52  | 41 | 5.5            | -  | 23.1           | 40.1 | 14.8           | 3.5            | 5.7 | M5  | 5   | 7              | 5.5            | 6              | 15                      | 12.5           | 6   | 4.5 | 3.5 | 60 | 20 | M3×16                  | 8.56                      | 8.79                     | 0.07                   | 0.03                   | 0.03                   | 0.12        | 1.25         |
| QEW15CA   |                             |                |                          |     |    |                | 26 | 39.8           | 56.8 | 10.15          |                |     |     |     |                |                |                |                         |                |     |     |     |    |    |                        |                           | 12.53                    | 15.28                  | 0.12                   | 0.09                   | 0.09        | 0.21         |
| QEW20SA   | 28                          | 6              | 19.5                     | 59  | 49 | 5              | -  | 29             | 50   | 18.75          | 4.15           | 12  | M6  | 7   | 9              | 6              | 6.5            | 20                      | 15.5           | 9.5 | 8.5 | 6   | 60 | 20 | M5×16                  | 11.57                     | 12.18                    | 0.13                   | 0.05                   | 0.05                   | 0.19        | 2.08         |
| QEW20CA   |                             |                |                          |     |    |                | 32 | 48.1           | 69.1 | 12.3           |                |     |     |     |                |                |                |                         |                |     |     |     |    |    |                        |                           | 16.50                    | 20.21                  | 0.21                   | 0.15                   | 0.15        | 0.31         |
| QEW25SA   | 33                          | 6.2            | 25                       | 73  | 60 | 6.5            | -  | 35.5           | 60.1 | 21.9           | 5              | 12  | M8  | 7.5 | 10             | 8              | 8              | 23                      | 18             | 11  | 9   | 7   | 60 | 20 | M6×20                  | 18.24                     | 18.90                    | 0.22                   | 0.10                   | 0.10                   | 0.34        | 2.67         |
| QEW25CA   |                             |                |                          |     |    |                | 35 | 59             | 83.6 | 16.15          |                |     |     |     |                |                |                |                         |                |     |     |     |    |    |                        |                           | 26.03                    | 31.49                  | 0.37                   | 0.29                   | 0.29        | 0.58         |
| QEW30SA   | 42                          | 10             | 31                       | 90  | 72 | 9              | -  | 41.5           | 67.5 | 25.75          | 6              | 12  | M10 | 7   | 10             | 8              | 9              | 28                      | 23             | 11  | 9   | 7   | 80 | 20 | M6×25                  | 26.27                     | 27.82                    | 0.40                   | 0.18                   | 0.18                   | 0.61        | 4.35         |
| QEW30CA   |                             |                |                          |     |    |                | 40 | 70.1           | 96.1 | 20.05          |                |     |     |     |                |                |                |                         |                |     |     |     |    |    |                        |                           | 37.92                    | 46.63                  | 0.67                   | 0.51                   | 0.51        | 1.03         |
| QEW35SA   | 48                          | 11             | 33                       | 100 | 82 | 9              | -  | 51             | 76   | 30.3           | 6.25           | 12  | M10 | 10  | 13             | 8.5            | 8.5            | 34                      | 27.5           | 14  | 12  | 9   | 80 | 20 | M8×25                  | 36.39                     | 36.43                    | 0.61                   | 0.33                   | 0.33                   | 0.77        | 6.14         |
| QEW35CA   |                             |                |                          |     |    |                | 50 | 83             | 108  | 21.3           |                |     |     |     |                |                |                |                         |                |     |     |     |    |    |                        |                           | 51.18                    | 59.28                  | 1.00                   | 0.75                   | 0.75        | 1.19         |

Note : 1 kgf = 9.81 N

### (3) QEW-CB / QEW-SB



| Model No. | Dimensions of Assembly (mm) |                |      | Dimensions of Block (mm) |    |                |    |                |      |                |                |     |      |     |                |                |                | Dimensions of Rail (mm) |                |     |     |     |    |    | Mounting Bolt for Rail | Basic Dynamic Load Rating | Basic Static Load Rating | Static Rated Moment |                |                | Weight |      |
|-----------|-----------------------------|----------------|------|--------------------------|----|----------------|----|----------------|------|----------------|----------------|-----|------|-----|----------------|----------------|----------------|-------------------------|----------------|-----|-----|-----|----|----|------------------------|---------------------------|--------------------------|---------------------|----------------|----------------|--------|------|
|           |                             |                |      |                          |    |                |    |                |      |                |                |     |      |     |                |                |                |                         |                |     |     |     |    |    |                        |                           |                          | M <sub>R</sub>      | M <sub>P</sub> | M <sub>Y</sub> |        |      |
|           | 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   | M    | T   | T <sub>1</sub> | H <sub>2</sub> | H <sub>3</sub> | W <sub>R</sub>          | H <sub>R</sub> | D   | h   | d   | P  | E  | (mm)                   | C(kN)                     | C <sub>0</sub> (kN)      | kN-m                | kN-m           | kN-m           | kg     | kg/m |
| QEW15SB   | 24                          | 4              | 18.5 | 52                       | 41 | 5.5            | -  | 23.1           | 40.1 | 14.8           | 3.5            | 5.7 | Ø4.5 | 5   | 7              | 5.5            | 6              | 15                      | 12.5           | 6   | 4.5 | 3.5 | 60 | 20 | M3x16                  | 8.56                      | 8.79                     | 0.07                | 0.03           | 0.03           | 0.12   | 1.25 |
| QEW15CB   |                             |                |      |                          |    |                | 26 | 39.8           | 56.8 | 10.15          |                |     |      |     |                |                |                |                         |                |     |     |     |    |    |                        | 12.53                     | 15.28                    | 0.12                | 0.09           | 0.09           | 0.21   |      |
| QEW20SB   | 28                          | 6              | 19.5 | 59                       | 49 | 5              | -  | 29             | 50   | 18.75          | 4.15           | 12  | Ø5.5 | 7   | 9              | 6              | 6.5            | 20                      | 15.5           | 9.5 | 8.5 | 6   | 60 | 20 | M5x16                  | 11.57                     | 12.18                    | 0.13                | 0.05           | 0.05           | 0.19   | 2.08 |
| QEW20CB   |                             |                |      |                          |    |                | 32 | 48.1           | 69.1 | 12.3           |                |     |      |     |                |                |                |                         |                |     |     |     |    |    |                        | 16.50                     | 20.21                    | 0.21                | 0.15           | 0.15           | 0.31   |      |
| QEW25SB   | 33                          | 6.2            | 25   | 73                       | 60 | 6.5            | -  | 35.5           | 60.1 | 21.9           | 5              | 12  | Ø7   | 7.5 | 10             | 8              | 8              | 23                      | 18             | 11  | 9   | 7   | 60 | 20 | M6x20                  | 18.24                     | 18.90                    | 0.22                | 0.10           | 0.10           | 0.34   | 2.67 |
| QEW25CB   |                             |                |      |                          |    |                | 35 | 59             | 83.6 | 16.15          |                |     |      |     |                |                |                |                         |                |     |     |     |    |    |                        | 26.03                     | 31.49                    | 0.37                | 0.29           | 0.29           | 0.58   |      |
| QEW30SB   | 42                          | 10             | 31   | 90                       | 72 | 9              | -  | 41.5           | 67.5 | 25.75          | 6              | 12  | Ø9   | 7   | 10             | 8              | 9              | 28                      | 23             | 11  | 9   | 7   | 80 | 20 | M6x25                  | 26.27                     | 27.82                    | 0.40                | 0.18           | 0.18           | 0.61   | 4.35 |
| QEW30CB   |                             |                |      |                          |    |                | 40 | 70.1           | 96.1 | 20.05          |                |     |      |     |                |                |                |                         |                |     |     |     |    |    |                        | 37.92                     | 46.63                    | 0.67                | 0.51           | 0.51           | 1.03   |      |
| QEW35SB   | 48                          | 11             | 33   | 100                      | 82 | 9              | -  | 51             | 76   | 30.3           | 6.25           | 12  | Ø9   | 10  | 13             | 8.5            | 8.5            | 34                      | 27.5           | 14  | 12  | 9   | 80 | 20 | M8x25                  | 36.39                     | 36.43                    | 0.61                | 0.33           | 0.33           | 0.77   | 6.14 |
| QEW35CB   |                             |                |      |                          |    |                | 50 | 83             | 108  | 21.3           |                |     |      |     |                |                |                |                         |                |     |     |     |    |    |                        | 51.18                     | 59.28                    | 1.00                | 0.75           | 0.75           | 1.19   |      |

Note : 1 kgf = 9.81 N