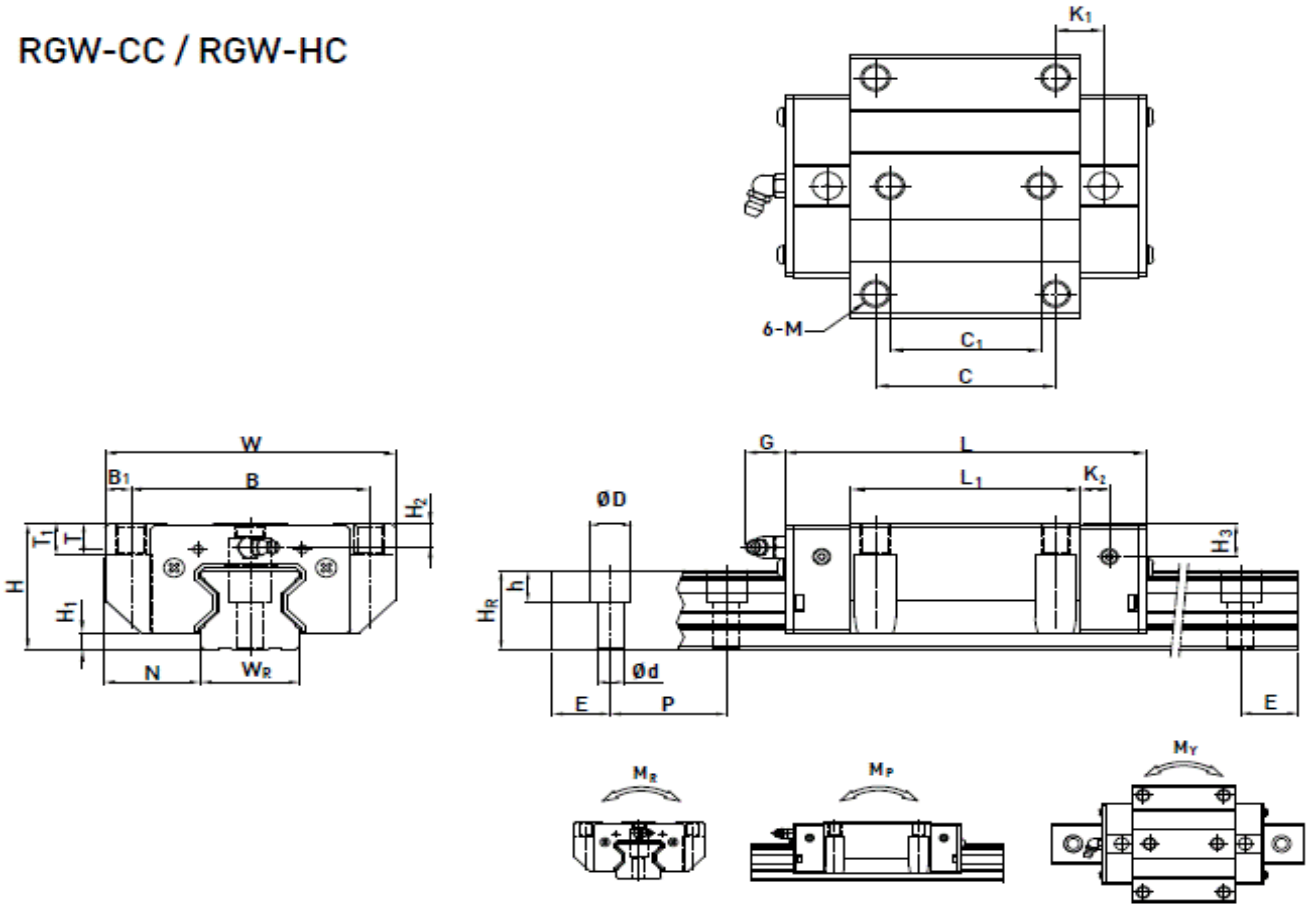
HIWIN®

# RGW TYPE

## CA / HA

### RGW-CC / RGW-HC




| Model No. | Dimensions of Assembly (mm) | | | Dimensions of Block (mm) | | | | | | | | | | | | | | Dimensions of Rail (mm) | | | | | | | Mounting Bolt for Rail | Dynamic Load | Basic Load | Static Rated Moment | | | Weight | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | H | $H_1$ | N | W | B | $B_1$ | C | $C_1$ | $L_1$ | L | $K_1$ | $K_2$ | G | M | T | $T_1$ | $H_2$ | $H_3$ | $W_R$ | $H_R$ | D | h | d | P | E | (mm) | (kN) | (kN) | $M_R$ kN-m | $M_P$ kN-m | $M_Y$ kN-m | Block kg | Rail kg/m |
| RGW20CC | 30 | 5 | 21.5 | 63 | 53 | 5 | 40 | 35 | 57.5 | 86 | 13.8 | 6 | 5.3 | M6 | 8 | 10 | 4.3 | 4.3 | 20 | 21 | 9.5 | 8.5 | 6 | 30 | 20 | M5x20 | 21.3 | 46.7 | 0.647 | 0.46 | 0.46 | 0.47 | 2.76 |
| RGW20HC | | | | | | | | | 77.5 | 106 | 23.8 | | | | | | | | | | | | | | | | 26.9 | 63 | 0.872 | 0.837 | 0.837 | 0.63 | |
| RGW25CC | 36 | 5.5 | 23.5 | 70 | 57 | 6.5 | 45 | 40 | 64.5 | 97.9 | 15.75 | 7.25 | 12 | M8 | 9.5 | 10 | 6.2 | 6 | 23 | 23.6 | 11 | 9 | 7 | 30 | 20 | M6x20 | 27.7 | 57.1 | 0.758 | 0.605 | 0.605 | 0.72 | 3.08 |
| RGW25HC | | | | | | | | | 81 | 114.4 | 24 | | | | | | | | | | | | | | | | 33.9 | 73.4 | 0.975 | 0.991 | 0.991 | 0.91 | |
| RGW30CC | 42 | 6 | 31 | 90 | 72 | 9 | 52 | 44 | 71 | 109.8 | 17.5 | 8 | 12 | M10 | 9.5 | 10 | 6.5 | 7.3 | 28 | 28 | 14 | 12 | 9 | 40 | 20 | M8x25 | 39.1 | 82.1 | 1.445 | 1.06 | 1.06 | 1.16 | 4.41 |
| RGW39HC | | | | | | | | | 93 | 131.8 | 28.5 | | | | | | | | | | | | | | | | 48.1 | 105 | 1.846 | 1.712 | 1.712 | 1.52 | |
| RGW35CC | 48 | 6.5 | 33 | 100 | 82 | 9 | 62 | 52 | 79 | 124 | 16.5 | 10 | 12 | M10 | 12 | 13 | 9 | 12.6 | 34 | 30.2 | 14 | 12 | 9 | 40 | 20 | M8x25 | 57.9 | 105.2 | 2.17 | 1.44 | 1.44 | 1.75 | 6.06 |
| RGW35HC | | | | | | | | | 106.5 | 151.5 | 30.25 | | | | | | | | | | | | | | | | 73.1 | 142 | 2.93 | 2.6 | 2.6 | 2.40 | |
| RGW45CC | 60 | 8 | 37.5 | 120 | 100 | 10 | 80 | 60 | 106 | 153.2 | 21 | 10 | 12.9 | M12 | 14 | 15 | 10 | 14 | 45 | 38 | 20 | 17 | 14 | 52.5 | 22.5 | M12x35 | 92.6 | 178.8 | 4.52 | 3.05 | 3.05 | 3.43 | 9.97 |
| RGW45HC | | | | | | | | | 139.8 | 187 | 37.9 | | | | | | | | | | | | | | | | 116 | 230.9 | 6.33 | 5.47 | 5.47 | 4.57 | |
| RGW55CC | 70 | 10 | 43.5 | 140 | 116 | 12 | 95 | 70 | 125.5 | 183.7 | 27.75 | 12.5 | 12.9 | M14 | 16 | 17 | 12 | 17.5 | 53 | 44 | 23 | 20 | 16 | 60 | 30 | M14x45 | 130.5 | 252 | 8.01 | 5.4 | 5.4 | 5.43 | 13.98 |
| RGW55HC | | | | | | | | | 173.8 | 232 | 51.9 | | | | | | | | | | | | | | | | 167.8 | 348 | 11.15 | 10.25 | 10.25 | 7.61 | |
| RGW65CC | 90 | 12 | 53.5 | 170 | 142 | 14 | 110 | 82 | 160 | 232 | 40.8 | 15.8 | 12.9 | M16 | 22 | 23 | 15 | 15 | 63 | 53 | 26 | 22 | 18 | 75 | 35 | M16x50 | 213 | 411.6 | 16.20 | 11.59 | 11.59 | 11.63 | 20.22 |
| RGW65HC | | | | | | | | | 223 | 295 | 72.3 | | | | | | | | | | | | | | | | 275.3 | 572.7 | 22.55 | 22.17 | 22.17 | 16.58 | |