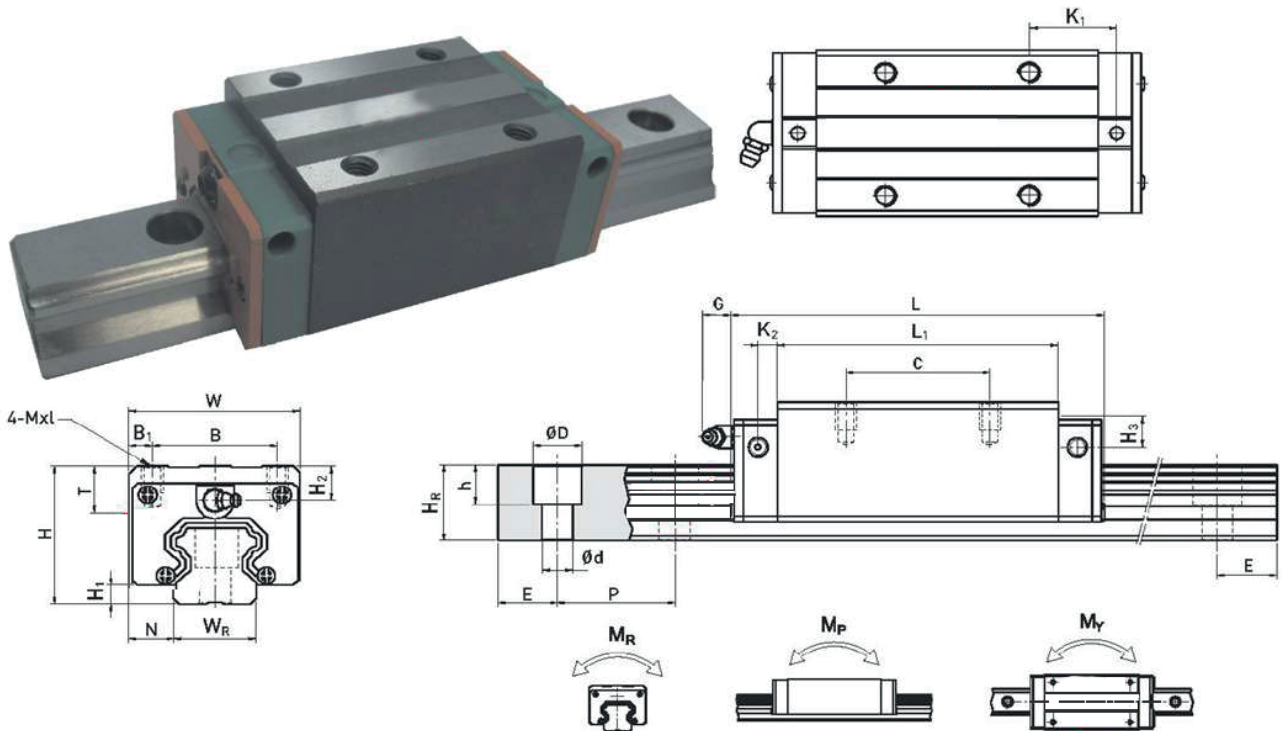


Linear Motion

HLAD-CA/HLAD-HA

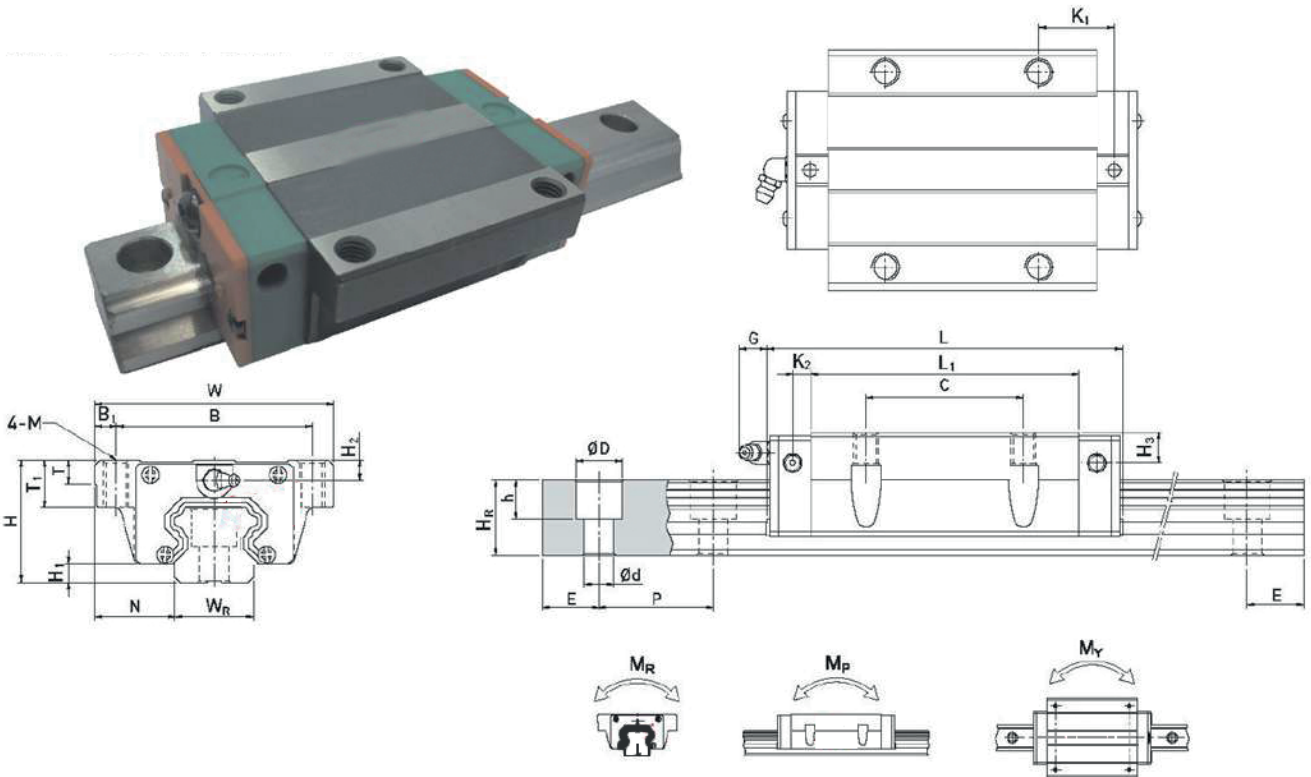


| | (mm) | | | | (mm) | | | | | | | | | | | | | | | | | | | | | | MR | MP | MY | | |
|-----------|------|-----|------|-----|------|------|-----|-------|-------|-------|------|--------|------|------|------|----|------|-----|-----|-----|-----|------|--------|--------|---------|-------|------|------|------|-------|--|
| MODEL | H | H1 | N | W | B | B1 | C | L1 | L | K1 | G | M × L | T | H2 | H3 | Wk | Hr | D | h | d | P | E | (mm) | C (kN) | Cc (kN) | kN-m | kN-m | kN-m | kg | kg/m | |
| HLAD 15CA | 28 | 4.3 | 9.5 | 34 | 25 | 4 | 26 | 39.4 | 61.4 | 10 | 5.3 | M4X5 | 6 | 7.95 | 7.7 | 15 | 15 | 7.5 | 5.3 | 4.5 | 60 | 20 | M4X16 | 11.38 | 25.31 | 0.17 | 0.15 | 0.15 | 0.18 | 1.45 | |
| HLAD 20CA | 30 | 4.6 | 12 | 44 | 32 | 6 | 36 | 50.5 | 77.5 | 12.25 | 12 | M5X6 | 8 | 6 | 7 | 20 | 17.5 | 9.5 | 8.5 | 6 | 60 | 20 | M5X16 | 17.75 | 37.84 | 0.38 | 0.27 | 0.27 | 0.30 | 2.21 | |
| HLAD 20HA | | | | | | | 50 | 65.2 | 92.2 | 12.6 | | | | | | | | | | | | | | 0.47 | 0.47 | 0.39 | | | | | |
| HLAD 25CA | 40 | 5.5 | 12.5 | 48 | 35 | 6.5 | 35 | 58 | 84 | 16.8 | 12 | M6X8 | 8 | 10 | 13 | 23 | 22 | 11 | 9 | 7 | 60 | 20 | M6X20 | 26.48 | 56.19 | 0.64 | 0.51 | 0.51 | 0.51 | 3.21 | |
| HLAD 25HA | | | | | | | 50 | 78.6 | 104.6 | 19.6 | | | | | | | | | | | | | | 0.87 | 0.88 | 0.88 | 0.69 | | | | |
| HLAD 30CA | 45 | 6 | 16 | 60 | 40 | 10 | 40 | 70 | 97.4 | 20.25 | 12 | M8X10 | 8.5 | 9.5 | 13.8 | 28 | 26 | 14 | 12 | 9 | 80 | 20 | M8X25 | 38.74 | 83.06 | 1.06 | 0.85 | 0.85 | 0.88 | 4.47 | |
| HLAD 30HA | | | | | | | 60 | 93 | 120.4 | 21.75 | | | | | | | | | | | | | | 1.40 | 1.47 | 1.47 | 1.16 | | | | |
| HLAD 35CA | 55 | 7.5 | 18 | 70 | 50 | 10 | 50 | 80 | 112.4 | 20.6 | 12 | M8X12 | 10.1 | 15 | 19.6 | 34 | 29 | 14 | 12 | 9 | 80 | 20 | M8X25 | 49.52 | 102.87 | 1.73 | 1.20 | 1.20 | 1.45 | 6.30 | |
| HLAD 35HA | | | | | | | 72 | 105.8 | 138.2 | 22.5 | | | | | | | | | | | | | | 2.08 | 2.08 | 1.92 | | | | | |
| HLAD 45CA | 70 | 9.8 | 20.5 | 86 | 60 | 13 | 60 | 97 | 139.4 | 23 | 12.9 | M10X17 | 15.1 | 18.5 | 30.5 | 45 | 38 | 20 | 17 | 14 | 105 | 22.5 | M12X35 | 77.57 | 155.93 | 3.01 | 2.35 | 2.35 | 2.73 | 10.41 | |
| HLAD 45HA | | | | | | | 80 | 128.8 | 171.2 | 28.9 | | | | | | | | | | | | | | 4.00 | 4.07 | 4.07 | 3.61 | | | | |
| HLAD 55CA | 80 | 13 | 23.5 | 100 | 75 | 12.5 | 75 | 117.7 | 166.7 | 27.35 | 12.9 | M12X18 | 17.5 | 22 | 29 | 53 | 44 | 23 | 20 | 16 | 120 | 30 | M14X45 | 114.44 | 227.81 | 5.66 | 4.06 | 4.06 | 4.17 | 15.08 | |
| HLAD 55HA | | | | | | | 95 | 155.8 | 204.8 | 36.4 | | | | | | | | | | | | | | 7.01 | 7.01 | 5.49 | | | | | |
| HLAD 65CA | 90 | 15 | 31.5 | 126 | 76 | 25 | 70 | 144.2 | 200.2 | 43.1 | 12.9 | M16X20 | 25 | 15 | 15 | 63 | 53 | 26 | 22 | 18 | 150 | 35 | M16X50 | 163.63 | 324.71 | 10.02 | 6.44 | 6.44 | 7.00 | 21.18 | |
| HLAD 65HA | | | | | | | 120 | 203.6 | 259.5 | 47.8 | | | | | | | | | | | | | | 14.15 | 11.12 | 9.82 | | | | | |

1kgf = 9.81 N

Linear Motion

HLAG-CA/HLAG-HA



| | (mm) | | | | | | | | | | | | | (mm) | | | | | | | | | | | | | (mm) | | | | | | | | | | | | | | | M _R | M _P | M _Y | | |
|-----------|------|----------------|------|-----|-----|----------------|-----|----------------|-------|----------------|------|-----|------|----------------|----------------|----------------|----------------|----------------|-----|-----|-----|-----|-----|--------|--------|---------------------|-------|------|------|------|-------|--|--|--|--|--|--|--|--|--|--|----------------|----------------|----------------|--|--|
| MODEL | H | H ₁ | N | W | B | B ₁ | C | L ₁ | L | K ₁ | G | M | T | T ₁ | H ₂ | H ₃ | W _k | H _k | D | h | d | P | E | (mm) | C (kN) | C ₀ (kN) | kN-m | kN-m | kN-m | kg | kg/m | | | | | | | | | | | | | | | |
| HLAG 15CA | 24 | 4.3 | 16 | 47 | 38 | 4.5 | 30 | 39.4 | 61.4 | 8 | 5.3 | M5 | 6 | 8.9 | 3.95 | 3.7 | 15 | 15 | 7.5 | 5.3 | 4.5 | 60 | 60 | M4X16 | 11.38 | 25.31 | 0.17 | 0.15 | 0.15 | 0.17 | 1.45 | | | | | | | | | | | | | | | |
| HLAG 20CA | 30 | 4.6 | 21.5 | 63 | 53 | 5 | 40 | 50.5 | 77.5 | 10.25 | 12 | M6 | 8 | 10 | 6 | 7 | 20 | 17.5 | 9.5 | 8.5 | 6 | 60 | 60 | M5X16 | 17.75 | 37.84 | 0.38 | 0.27 | 0.27 | 0.40 | 2.21 | | | | | | | | | | | | | | | |
| HLAG 20HA | | | | | | | | 65.2 | 92.2 | 17.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLAG 25CA | 36 | 5.5 | 23.5 | 70 | 57 | 6.5 | 45 | 58 | 84 | 11.8 | 12 | M8 | 8 | 14 | 6 | 9 | 23 | 22 | 11 | 9 | 7 | 60 | 60 | M6X20 | 26.48 | 56.19 | 0.64 | 0.51 | 0.51 | 0.59 | 3.21 | | | | | | | | | | | | | | | |
| HLAG 25HA | | | | | | | | 78.6 | 104.6 | 22.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLAG 30CA | 42 | 6 | 31 | 90 | 72 | 9 | 52 | 70 | 97.4 | 14.25 | 12 | M10 | 8.5 | 16 | 6.5 | 10.8 | 28 | 26 | 14 | 12 | 9 | 80 | 80 | M8X25 | 38.74 | 83.06 | 1.06 | 0.85 | 0.85 | 1.09 | 4.47 | | | | | | | | | | | | | | | |
| HLAG 30HA | | | | | | | | 93 | 120.4 | 25.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLAG 35CA | 48 | 7.5 | 33 | 100 | 82 | 9 | 62 | 80 | 112.4 | 14.6 | 12 | M10 | 10.1 | 18 | 9 | 12.6 | 34 | 29 | 14 | 12 | 9 | 80 | 80 | M8X25 | 49.52 | 102.87 | 1.73 | 1.20 | 1.20 | 1.56 | 6.30 | | | | | | | | | | | | | | | |
| HLAG 35HA | | | | | | | | 105.8 | 138.2 | 27.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLAG 45CA | 60 | 9.5 | 37.5 | 120 | 100 | 10 | 80 | 97 | 139.4 | 13 | 12.9 | M12 | 15.1 | 22 | 8.5 | 20.5 | 45 | 38 | 20 | 17 | 14 | 105 | 105 | M12X35 | 77.57 | 77.57 | 3.01 | 2.35 | 2.35 | 2.79 | 10.41 | | | | | | | | | | | | | | | |
| HLAG 45HA | | | | | | | | 128.8 | 171.2 | 28.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLAG 55CA | 70 | 13 | 43.5 | 140 | 116 | 12 | 95 | 117.7 | 156.7 | 17.35 | 12.9 | M14 | 17.5 | 26.5 | 12 | 19 | 53 | 44 | 23 | 20 | 16 | 120 | 120 | M14X45 | 114.44 | 114.44 | 5.66 | 4.05 | 4.06 | 4.52 | 15.08 | | | | | | | | | | | | | | | |
| HLAG 55HA | | | | | | | | 155.8 | 204.8 | 36.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HLAG 65CA | 90 | 15 | 53.5 | 170 | 142 | 14 | 110 | 144.2 | 200.2 | 23.1 | 12.9 | M16 | 25 | 37.5 | 15 | 15 | 63 | 53 | 26 | 22 | 18 | 150 | 150 | M16X50 | 163.63 | 163.63 | 10.02 | 6.44 | 6.44 | 9.17 | 21.18 | | | | | | | | | | | | | | | |
| HLAG 65HA | | | | | | | | 203.6 | 259.5 | 52.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

1kgf = 9.81 N