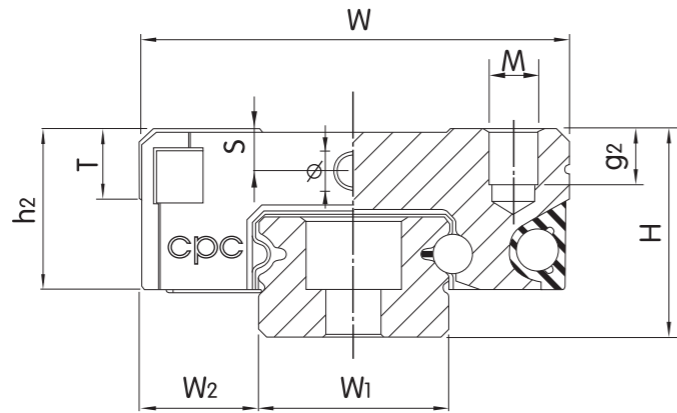
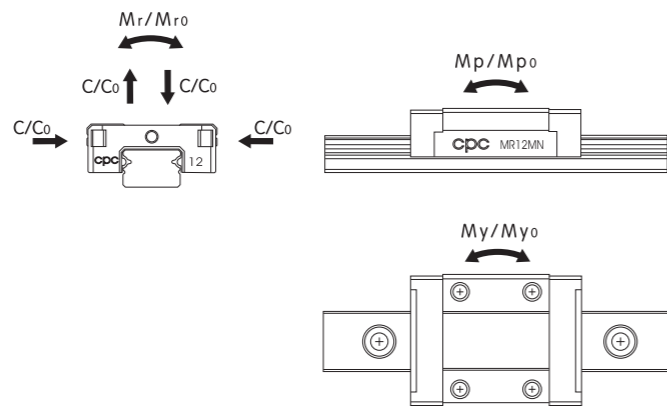


5. Dimension Specification
5.1 MR-M Series

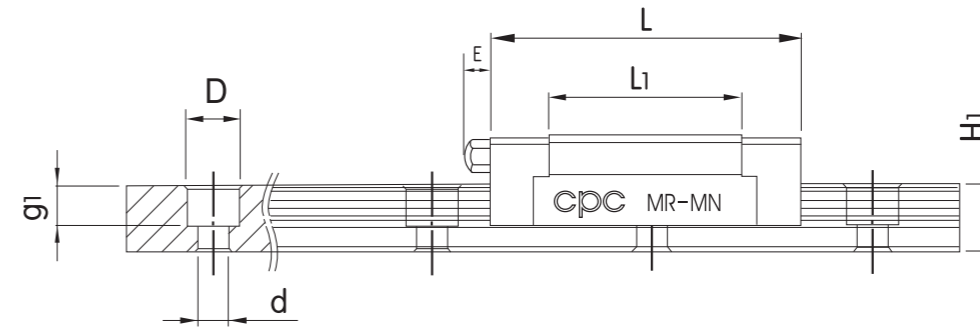


| Size | Ass. Dimensions | | Rail Dimensions (mm) | | | | Block Dimensions (mm) | | | | | | |
|---------|-----------------|----------------|----------------------|----------------|----|------------------------|-----------------------|------|----------------|----------------|----------------|-----|-----|
| | H | W ₂ | W ₁ | H ₁ | P | D × d × g ₁ | W | L | L ₁ | P ₁ | P ₂ | ∅ | E |
| MR 15ML | 16 | 8.5 | 15 | 9.5 | 40 | 6 × 3.5 × 4.5 | 32 | 60 | 44 | 25 | 25 | 2.5 | 3.6 |
| MR 15MN | 16 | 8.5 | 15 | 9.5 | 40 | 6 × 3.5 × 4.5 | 32 | 43 | 27 | 20 | 25 | 2.5 | 3.6 |
| MR 12ML | 13 | 7.5 | 12 | 7.5 | 25 | 6 × 3.5 × 4.5 | 27 | 47.4 | 34 | 20 | 20 | 2.0 | — |
| MR 12MN | 13 | 7.5 | 12 | 7.5 | 25 | 6 × 3.5 × 4.5 | 27 | 35.4 | 22 | 15 | 20 | 2.0 | — |
| MR 9ML | 10 | 5.5 | 9 | 5.5 | 20 | 6 × 3.5 × 3.3 | 20 | 39.5 | 29.5 | 16 | 15 | 1.5 | — |
| MR 9MN | 10 | 5.5 | 9 | 5.5 | 20 | 6 × 3.5 × 3.3 | 20 | 30.5 | 19.5 | 10 | 15 | 1.5 | — |
| MR 7ML | 8 | 5 | 7 | 4.7 | 15 | 4.2 × 2.4 × 2.3 | 17 | 30.4 | 23 | 13 | 12 | 1.2 | — |
| MR 7MN | 8 | 5 | 7 | 4.7 | 15 | 4.2 × 2.4 × 2.3 | 17 | 21.7 | 14.3 | 8 | 12 | 1.2 | — |
| MR 5ML | 6 | 3.5 | 5 | 3.5 | 15 | 3.5 × 2.4 × 1 | 12 | 19.5 | 13.5 | 7 | — | 0.8 | — |
| MR 5MN | 6 | 3.5 | 5 | 3.5 | 15 | 3.5 × 2.4 × 1 | 12 | 16 | 10 | — | 8 | 0.8 | — |
| MR 3ML | 4 | 2.5 | 3 | 2.6 | 10 | M1.6 | 8 | 16 | 11 | — | 5.5 | — | — |
| MR 3MN | 4 | 2.5 | 3 | 2.6 | 10 | M1.6 | 8 | 11.7 | 6.7 | — | 3.5 | — | — |

Load capacities are calculated according to DIN 636 part2.



5. Dimension Specification
5.1 MR-M Series



| Block Dimensions (mm) | | | | Load Capacities (N) | | Static Moment (Nm) | | | Weight | | Size |
|-----------------------|--------------------|-----|-----|---------------------|------------------------|--------------------|-----------------|-----------------|---------|----------|---------|
| h ₂ | M × g ₂ | S | T | C(dyn.) | C ₀ (stat.) | Mr ₀ | Mp ₀ | My ₀ | Block g | Rail g/m | |
| 12 | M3 × 5.5 | 2.8 | 4.3 | 5350 | 9080 | 70 | 26.9 | 26.9 | 90 | 1010 | MR 15ML |
| 12 | M3 × 5.5 | 2.8 | 4.3 | 3810 | 5590 | 43.6 | 10.9 | 10.9 | 53 | 1010 | MR 15MN |
| 10 | M3 × 3.5 | 2.6 | 4.3 | 3240 | 5630 | 34.9 | 16.0 | 16.0 | 51 | 600 | MR 12ML |
| 10 | M3 × 3.5 | 2.6 | 4.3 | 2308 | 3465 | 21.5 | 9.5 | 9.5 | 34 | 600 | MR 12MN |
| 7.8 | M3 × 2.8 | 2.2 | 3.3 | 2135 | 3880 | 18.2 | 12.4 | 12.4 | 25 | 330 | MR 9ML |
| 7.8 | M3 × 2.8 | 2.2 | 3.3 | 1570 | 2495 | 11.7 | 6.4 | 6.4 | 17 | 330 | MR 9MN |
| 6.5 | M2 × 2.5 | 1.7 | 2.8 | 1310 | 2440 | 9.0 | 7.7 | 7.7 | 16 | 230 | MR 7ML |
| 6.5 | M2 × 2.5 | 1.7 | 2.8 | 890 | 1400 | 5.2 | 3.3 | 3.3 | 9 | 230 | MR 7MN |
| 4.5 | M2.6 × 2.0 | 1.1 | 2 | 470 | 900 | 2.4 | 2.1 | 2.1 | 3.3 | 120 | MR 5ML |
| 4.5 | M2 × 1.5 | 1.1 | 2 | 335 | 550 | 1.7 | 1.0 | 1.0 | 3 | 120 | MR 5MN |
| 3.3 | M2 × 1.1 | — | 1.5 | 295 | 575 | 0.9 | 1.1 | 1.1 | 1.2 | 53 | MR 3ML |
| 3.3 | M1.6 × 1.1 | — | 1.5 | 190 | 310 | 0.6 | 0.4 | 0.4 | 0.9 | 53 | MR 3MN |

