



## MLC304-Hook Scale, Crane, Packaging Scale S-typeLoad Cell 20t

Model: MLC304

Category: S-typeLoad Cell

Capacity: 1t,1.5t,2t,5t,7.5t,10t,20t

Dimensions: 70\*80\*25mm;95\*108\*25mm;125\*175\*50mm;150\*188\*60mm

Material: Alloy Steel, Stainless Steel

Application: Crane Scale / Hook Scale、CraneOverload Protection、TensionandCompressionTest, Overload ProtectionTest, TensionTest, Packaging Scale, Batching Scale



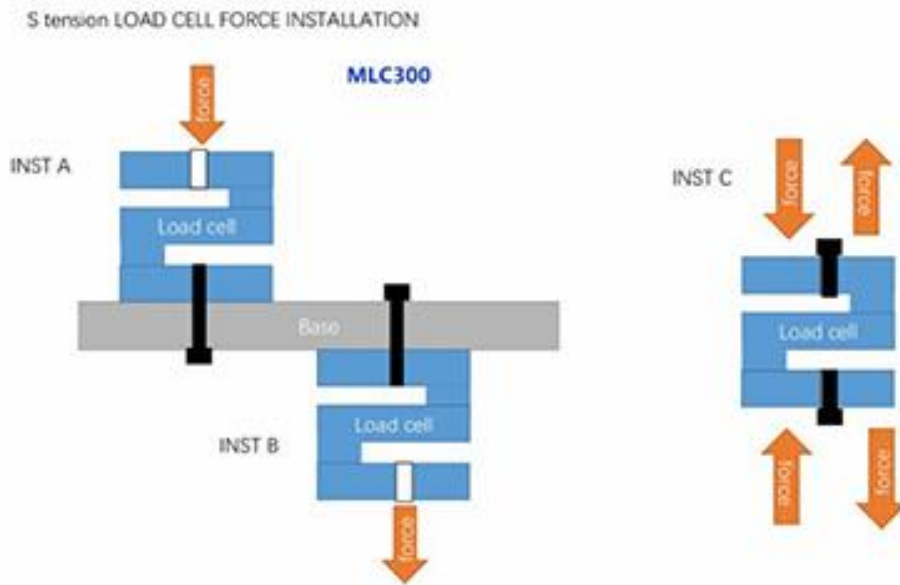
### OthersDimensions

|          |         |           |           |           |           |
|----------|---------|-----------|-----------|-----------|-----------|
| Capacity | Ton     | 1~1.5     | 2~5       | 7.5~10    | 20        |
|          | KLB     | 2~3       | 5~10      | 15~20     | 40        |
| M        | Metric  | M12x1.75  | M18x1.5   | M30x2     | M39x2     |
|          | British | 1/2-20UNF | 3/4-16UNF | 5/4-12UNF | 3/2-12UNF |
| A        |         | 70        | 95        | 125       | 150       |
| B        |         | 80        | 108       | 175       | 188       |
| C        |         | 25        | 25        | 50        | 60        |

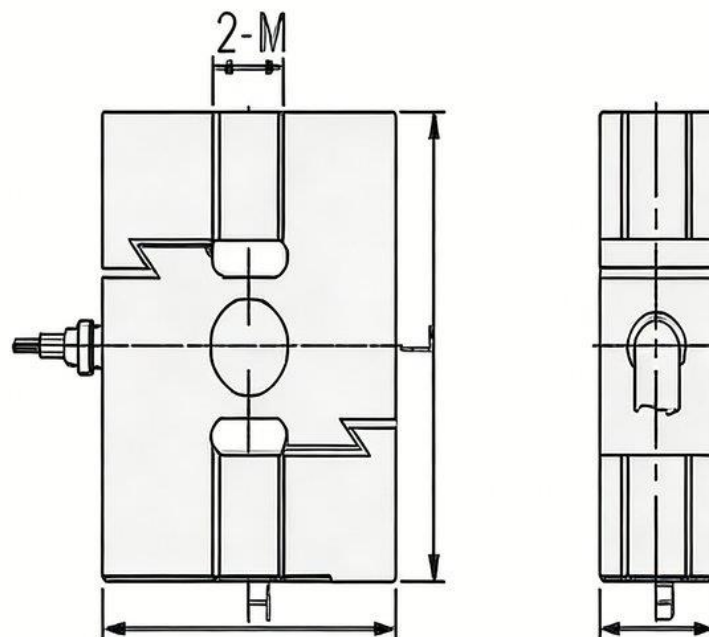
### Technical Specifications

|                      |               |                         |                 |
|----------------------|---------------|-------------------------|-----------------|
| Comprehensive Error: | 0.03%FS       | Output Resistance:      | 350±5Ω          |
| Rated Output:        | 2±0.002mv/v   | Insulation Resistance:  | ≥5000MΩ(100VDC) |
| Non-linearity:       | 0.03%FS       | Excitation Voltage:     | 9~12VDC         |
| Hysteresis:          | 0.03%FS       | Compensated Temp Range: | 10~+40°C        |
| Repeatability:       | 0.02%FS       | Operating Temperature:  | 20~+65°C        |
| Creep:               | 0.03%FS/10Min | 温°Zero Effect:          | 0.03%FS/10°C    |
| Zero Balance:        | ±1%FS         | 温°SensitivityEffect:    | 0.02%FS/10°C    |
| Input Resistance:    | 350±5Ω        | Protection Class:       | IP66            |

## Force Structure



## Product Dimensions



| Other sizes <sup>1)</sup> |                       |                         |                         |                         |                         |
|---------------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Range <sup>1)</sup>       | Ton <sup>1)</sup>     | 1-1.5 <sup>2)</sup>     | 2-5 <sup>2)</sup>       | 7.5-10 <sup>2)</sup>    | 20 <sup>2)</sup>        |
|                           | KLB <sup>2)</sup>     | 2-3 <sup>2)</sup>       | 6-10 <sup>2)</sup>      | 16-20 <sup>2)</sup>     | 40 <sup>2)</sup>        |
| M <sup>1)</sup>           | Metric <sup>2)</sup>  | M12x1.76 <sup>2)</sup>  | M18x1.5 <sup>2)</sup>   | M30x2 <sup>2)</sup>     | M36x3 <sup>2)</sup>     |
|                           | British <sup>2)</sup> | 1/2-20UNF <sup>2)</sup> | 3/4-18UNF <sup>2)</sup> | 3/4-12UNF <sup>2)</sup> | 3/4-12UNF <sup>2)</sup> |
| A <sup>1)</sup>           |                       | 70 <sup>2)</sup>        | 86 <sup>2)</sup>        | 175 <sup>2)</sup>       | 180 <sup>2)</sup>       |
| B <sup>1)</sup>           |                       | 80 <sup>2)</sup>        | 108 <sup>2)</sup>       | 176 <sup>2)</sup>       | 189 <sup>2)</sup>       |
| C <sup>1)</sup>           |                       | 26 <sup>2)</sup>        | 26 <sup>2)</sup>        | 50 <sup>2)</sup>        | 60 <sup>2)</sup>        |

