

## MLC215 Packaging Scale Button Force Load Cell

Model: MLC215

Category: Spoke Load Cell

Range: 3,5, 10,20, 30, 50, 70,100, 200,250300, 500,600, 1000(kN)

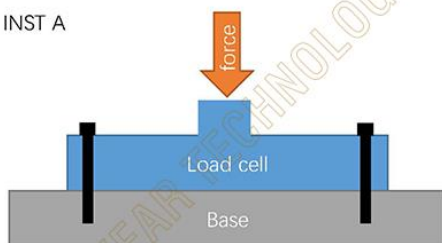
Size: 74\*74\*41mm, 90\*90\*53.5mm, 116\*116\*82mm, 132\*132\*97mm, 240\*\*240\*125mm

Material: Alloy steel, Stainless steel

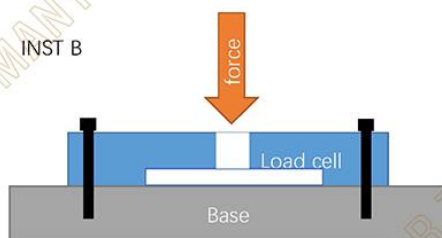
Application: packaging scale, batching scale, tank scale, platform scale, force measuring machine, dynamic force measuring system



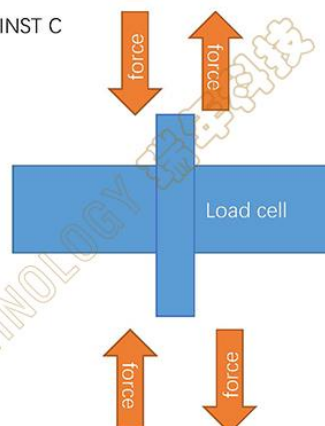
INST A



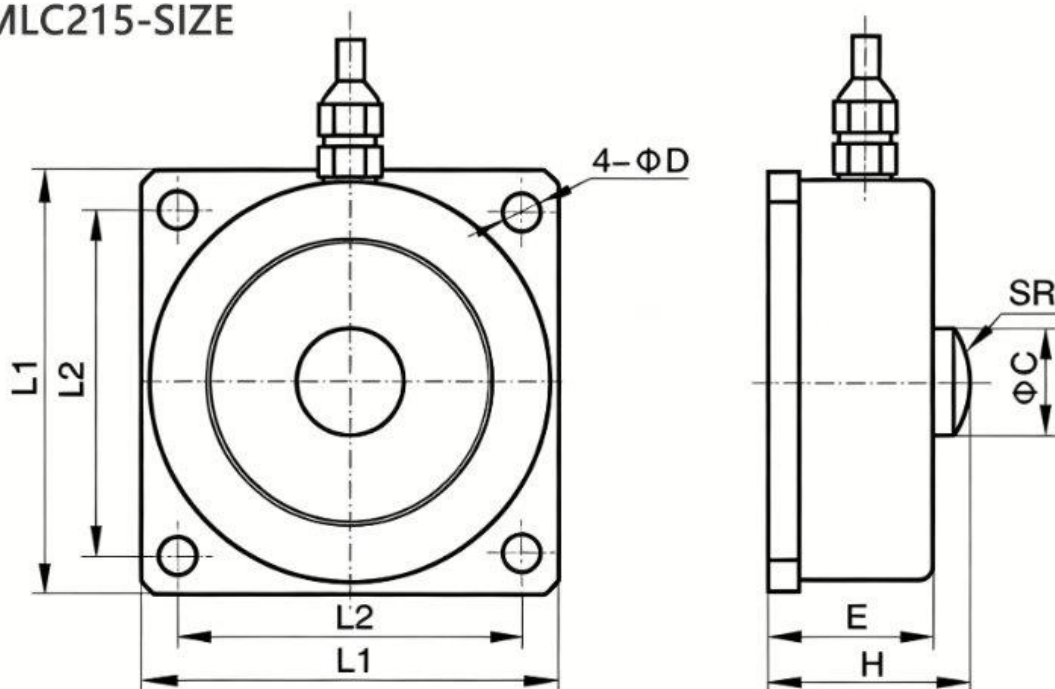
INST B



INST C



## MLC215-SIZE



| 量程        |         | 尺寸/mm |     |    |     |      |     |     |
|-----------|---------|-------|-----|----|-----|------|-----|-----|
| KN        | 相当于t    | L1    | L2  | ΦC | ΦD  | H    | E   | SR  |
| 3 ~ 10    | 0.3 ~ 1 | 74    | 62  | 16 | 6.5 | 41   | 33  | 52  |
| 20 ~ 70   | 2 ~ 7   | 90    | 73  | 20 | 8.5 | 53.5 | 44  | 70  |
| 100 ~ 250 | 10 ~ 25 | 116   | 96  | 30 | 11  | 82   | 70  | 91  |
| 300 ~ 500 | 30 ~ 50 | 132   | 108 | 38 | 13  | 97   | 85  | 120 |
| 1000      | 100     | 240   | 190 | 76 | 26  | 125  | 112 | 200 |

## Technical specifications

|                      |               |                                 |                 |
|----------------------|---------------|---------------------------------|-----------------|
| Comprehensive error: | 0.03%FS       | Output resistance:              | 703±5Ω          |
| Rated output:        | 2.0±0.005mv/v | Insulation resistance:          | ≥5000MΩ(100VDC) |
| Nonlinearity:        | 0.05%FS       | Operating Voltage:              | 9~12VDC         |
| Lag:                 | 0.05%FS       | Compensation temperature:       | -10~+40 °C      |
| Repeatability:       | 0.03%FS       | Operating temperature:          | -20~+55 °C      |
| Creep:               | 0.03%FS/10Min | Effect of Temp. on zero point:  | 0.05%FS/10 °C   |
| Zero Balance:        | ±1%FS         | Effect of Temp. on sensitivity: | 0.05%FS/10 °C   |
| Input resistance:    | 750±10Ω       | Protection level:               | IP66 & IP68     |