

**MLC406-Hydraulic Press, Large Capacity Column Force Sensor 1000t**

Model: MLC406

Category: Column Type Force Sensor

Capacity: 200,300,500,1000ton

Dimensions: 160\*133mm, 200\*160mm, 268\*210mm, 320\*280mm

Material: Alloy Steel, Stainless Steel

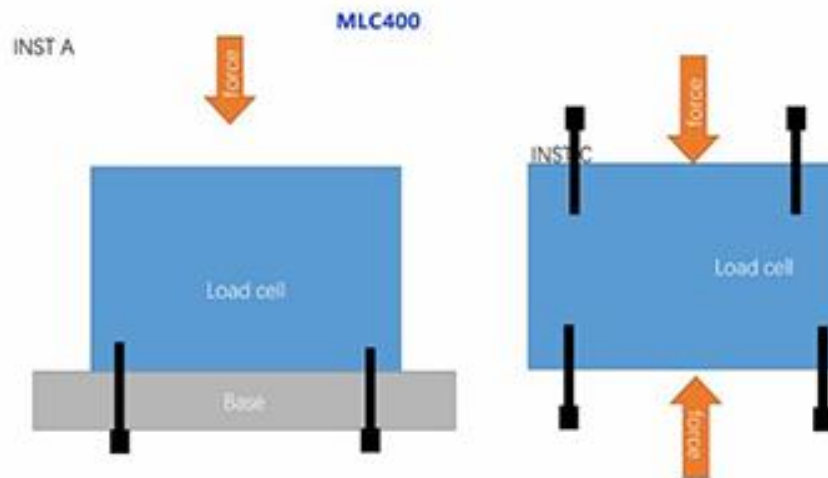
Application: Hydraulic Press Force Sensor, Oil Hydraulic Force Sensor, Large Capacity Force Sensor


**Technical Specifications**

|                      |               |                         |                 |
|----------------------|---------------|-------------------------|-----------------|
| Comprehensive Error: | 0.2%FS        | Output Resistance:      | 352±5Ω          |
| Rated Output:        | 2.0±0.005mv/v | Insulation Resistance:  | ≥5000MΩ(100VDC) |
| Non-linearity:       | 0.05%FS       | Excitation Voltage:     | 9~12VDC         |
| Hysteresis:          | 0.05%FS       | Compensated Temp Range: | 10~+40℃         |
| Repeatability:       | 0.03%FS       | Operating Temperature:  | 20~+55℃         |
| Creep:               | 0.03%FS/10MIN | 温°Zero Effect:          | 0.05%FS/10℃     |
| Zero Balance:        | ±1%FS         | 温°Sensitivity Effect:   | 0.05%FS/10℃     |
| Input Resistance:    | 380±10Ω       | Protection Class:       | IP66 & IP68     |

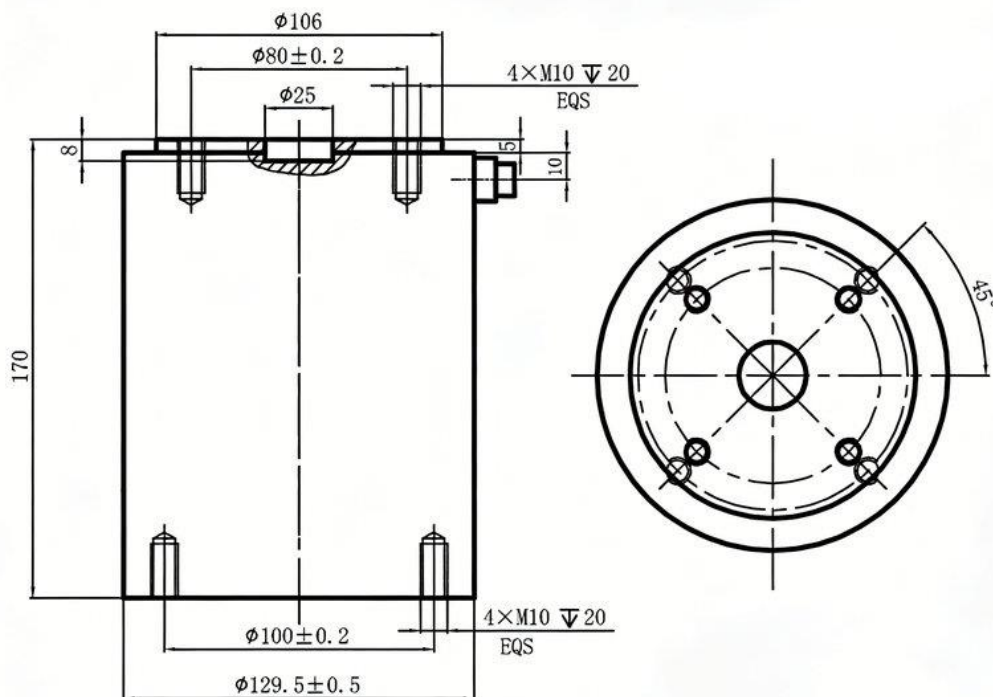
## Force Structure

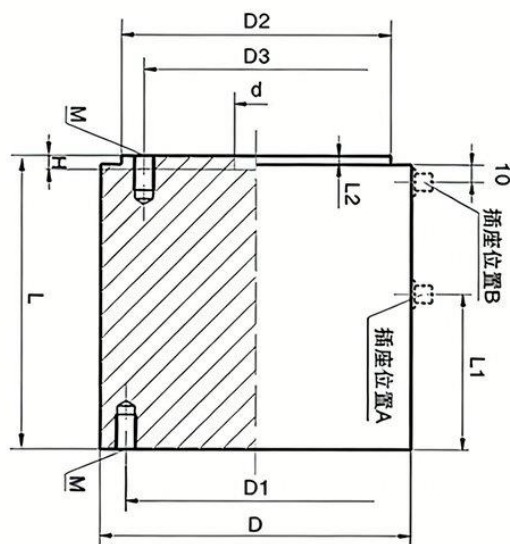
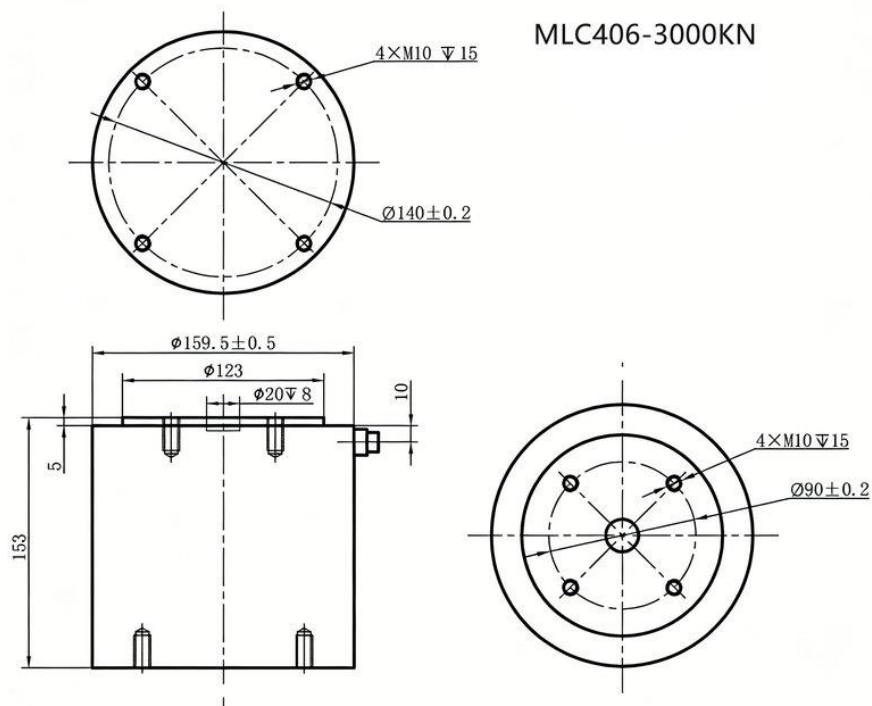
### COMPRESSION LOAD CELL FORCE INSTALLATION



## Product Dimensions

### MLC406 1000KN-2000KN





| 量程    | 量程   | D   | D1  | D2  | D3  | d  | L   | L1  | L2 | H  | M     |
|-------|------|-----|-----|-----|-----|----|-----|-----|----|----|-------|
| KN    | Ton  |     |     |     |     |    |     |     |    |    |       |
| 2000  | 200  | 160 | 135 | 138 | 90  | 20 | 133 | 60  | 5  | 8  | 4-M10 |
| 3000  | 300  | 200 | 160 | 178 | 130 | 32 | 160 | 70  | 5  | 8  | 4-M10 |
| 5000  | 500  | 268 | 220 | 230 | 160 | 40 | 210 | 100 | 5  | 10 | 4-M10 |
| 10000 | 1000 | 320 | /   | 298 | 220 | 25 | 280 | 140 | 15 | 10 | 4-M12 |