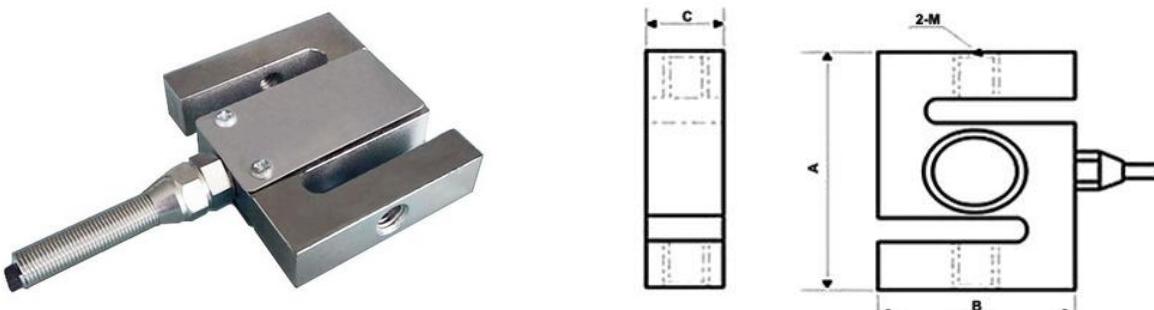


### S Type Load Cell

#### ATO-LCS-TJL-1

S type load cell can bear both tension and pressure, with good output symmetry, high accuracy, compact structure and complete specifications. Strain gauge load cell can be applied for batching scale, electronic-mechanical scale, crane scales and other force value measurement and control.



#### Dimension:

| Capacity   | Dimension (mm) |     |      |       |
|------------|----------------|-----|------|-------|
|            | A              | B   | C    | M     |
| 5~50kg     | 64             | 51  | 12.7 | M8    |
| 100~700kg  | 76             | 51  | 19.1 | M12   |
| 1~1.5 ton  | 76             | 51  | 25.4 | M12   |
| 2~5 ton    | 108            | 76  | 25.4 | M20   |
| 7.5~10 ton | 178            | 127 | 51   | M30   |
| 20 ton     | 188            | 140 | 60   | M36*3 |

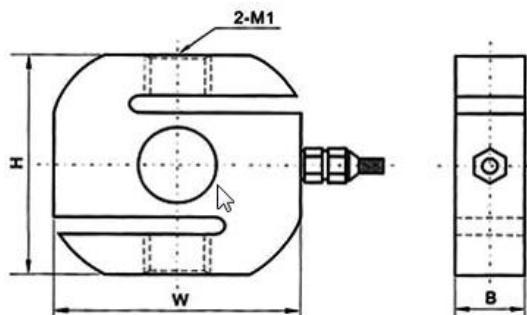
#### Specification:

|                              |  |
|------------------------------|--|
| Model                        | ATO-LCS-TJL-1  |
| Shipping weight              | 1~12.7kg   |
| Capacity range               | 5 kg~20 ton  |
| Accuracy                     | 0.02~0.05%F.S (linearity + hysteresis + repeatability) |
| Sensitivity                  | $2.0 \pm 0.05 \text{mV/V}$                             |
| Creep                        | $\pm 0.02\% \text{F.S}/30\text{min}$                   |
| Zero output                  | $\pm 1\% \text{F.S}$                                   |
| Temperature effect on zero   | $\pm 0.02\% \text{F.S}/10^\circ\text{C}$               |
| Temperature effect on output | $\pm 0.02\% \text{F.S}/10^\circ\text{C}$               |
| Operating temperature        | -20°C ~ +65°C  |
| Input impedance              | $380 \pm 10 \Omega$                                    |
| Output impedance             | $350 \pm 3 \Omega$                                     |
| Insulation resistance        | $\geq 5000 \text{M}\Omega$ (DC 50V)                    |
| Safety overload              | 150% F.S   |
| Bridge voltage               | DC 10V   |
| Material                     | Alloy steel or stainless steel                         |
| Protection class             | IP67   |
| Cable length                 | 2m ( $\leq 1\text{ton}$ ), 5m ( $> 1\text{ton}$ )      |
| Wiring                       | EXC+: Red, EXC-: Black, SIG+: Green, SIG-: White       |

### S Type Load Cell

#### ATO-LCS-DYLY-102

S type load cell can bear both tension and pressure, with overload protection device, good output symmetry, high accuracy, compact structure and complete specifications. Strain gauge load cell can be applied for batching scale, electronic-mechanical scale, crane scales, automatic weighing instrument and other force value measurement and control.



#### Dimension:

| Capacity  | Dimension (mm) |    |    |          |
|-----------|----------------|----|----|----------|
|           | W              | H  | B  | M1       |
| 0~1kg     | 60             | 58 | 12 | M6*1.25  |
| 2~30kg    | 60             | 58 | 12 | M8*1.25  |
| 50~200kg  | 70             | 64 | 20 | M12*1.75 |
| 300~500kg | 70             | 64 | 20 | M12*1.75 |
| 1 ton     | 70             | 64 | 25 | M16*2    |
| 2~7 ton   | 84             | 92 | 32 | M20*2.5  |

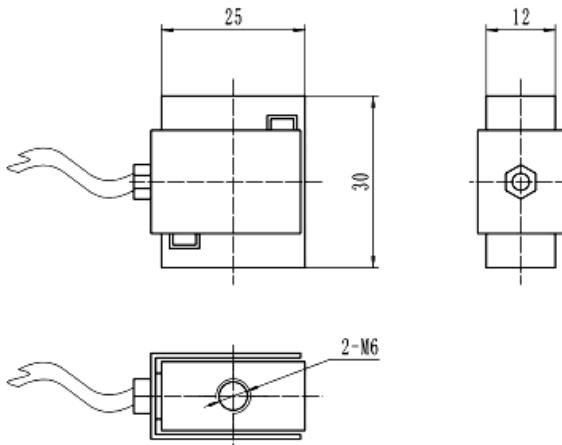
#### Specification:

|                              |   |
|------------------------------|---|
| Model                        | ATO-LCS-DYLY-102                                  |
| Shipping weight              | 1~2kg   |
| Capacity range               | 1kg~7 ton   |
| Accuracy                     | 0.03%F.S (linearity + hysteresis + repeatability) |
| Sensitivity                  | $1.0\text{--}3.0 \pm 0.05 \text{mV/V}$            |
| Creep                        | $\pm 0.03\% \text{F.S}/30\text{min}$              |
| Zero output                  | $\pm 1\% \text{F.S}$                              |
| Temperature effect on zero   | $\pm 0.03\% \text{F.S}/10^\circ\text{C}$          |
| Temperature effect on output | $\pm 0.03\% \text{F.S}/10^\circ\text{C}$          |
| Operating temperature        | -20°C ~ +65°C                                     |
| Input impedance              | $350 \pm 20 \Omega$                               |
| Output impedance             | $350 \pm 5 \Omega$                                |
| Insulation resistance        | $\geq 5000 \text{M}\Omega$                        |
| Safety overload              | 150%F.S   |
| Bridge voltage               | DC 5~15V, suggest DC 10V                          |
| Material                     | Alloy steel                                       |
| Protection class             | IP67  |
| Cable length                 | 2m (<5ton), 5m ( $\geq 5\text{ton}$ )             |
| Wiring                       | EXC+: Red, EXC-: Black, SIG+: Green, SIG-: White  |

### S Type Load Cell

#### ATO-LCS-DYLY-106

S type load cell can bear both tension and pressure, with good stability, good output symmetry, high accuracy, low temperature drift, compact structure and complete specifications. Micro load cell is suited to use in restricted spaces.



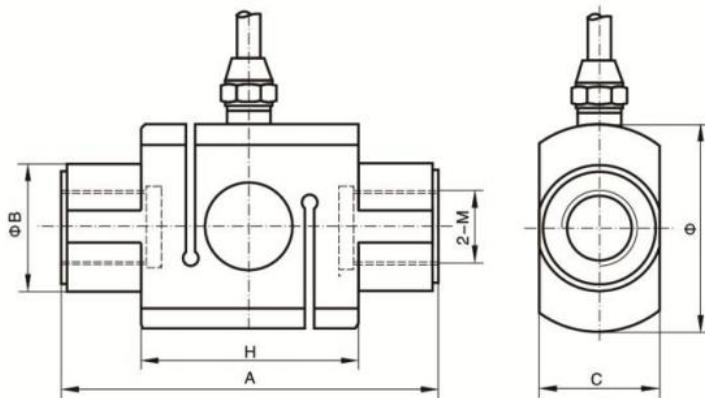
### Specification:

|                              |   |
|------------------------------|---|
| Model                        | ATO-LCS-DYLY-106                                  |
| Weight                       | 0.06kg  |
| Capacity range               | 0kg~50kg  |
| Accuracy                     | 0.03%F.S (linearity + hysteresis + repeatability) |
| Sensitivity                  | $2.0 \pm 0.05 \text{mV/V}$                        |
| Creep                        | $\pm 0.03\% \text{F.S}/30\text{min}$              |
| Zero output                  | $\pm 1\% \text{F.S}$                              |
| Temperature effect on zero   | $\pm 0.03\% \text{F.S}/10^\circ\text{C}$          |
| Temperature effect on output | $\pm 0.03\% \text{F.S}/10^\circ\text{C}$          |
| Operating temperature        | -20°C ~ +80°C                                     |
| Input impedance              | $350 \pm 20 \Omega$                               |
| Output impedance             | $350 \pm 5 \Omega$                                |
| Insulation resistance        | $\geq 5000 M\Omega$                               |
| Safety overload              | 150% F.S  |
| Bridge voltage               | DC 5-15V, suggest DC 10V                          |
| Material                     | Alloy steel                                       |
| Protection class             | IP67  |
| Cable length                 | 2m  |
| Wiring                       | EXC+: Red, EXC-: Black, SIG+: Green, SIG-: White  |

### S Type Load Cell

#### ATO-LCS-TJL-4

Tension and compression load cell can bear both tension and pressure, with good output symmetry, high eccentric load resistant, compact structure and complete specifications. Strain gauge load cell can be applied for batching scale, crane scales and other special weighing instruments.



#### Dimension:

| Capacity  | Dimension (mm) |     |      |    |         |    |
|-----------|----------------|-----|------|----|---------|----|
|           | A              | H   | Φ B  | Φ  | M       | C  |
| 100~500kg | 88             | 58  | 28   | 44 | M16*1.5 | 26 |
| 700kg     | 88             | 58  | 32   | 44 | M16*1.5 | 30 |
| 1~5 ton   | 120            | 68  | 51   | 63 | M22     | 48 |
| 7~15 ton  | 138            | 94  | 60   | 76 | M30     | 56 |
| 20 ton    | 156            | 108 | 68.5 | 88 | M36*3   | 76 |

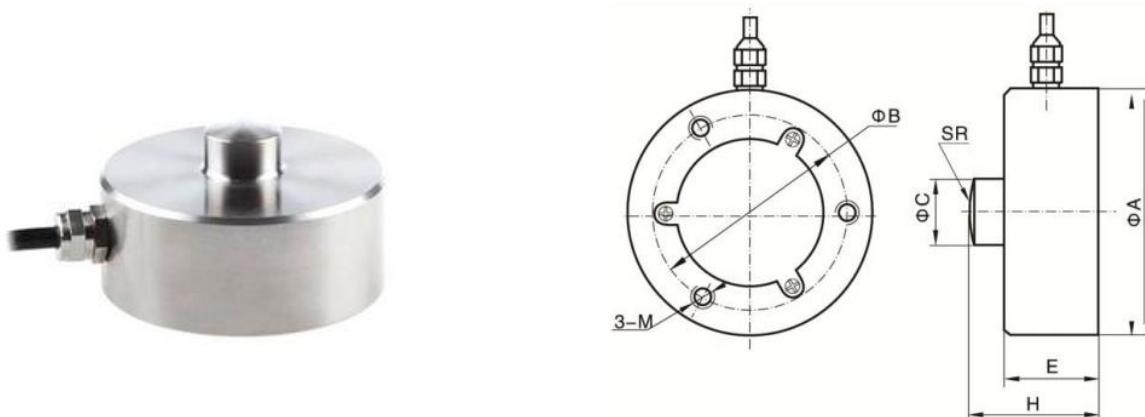
#### Specification:

|                              |   |
|------------------------------|---|
| Model                        | ATO-LCS-TJL-4                                     |
| Shipping weight              | 1~4kg   |
| Capacity range               | 100 kg~20 ton                                     |
| Accuracy                     | 0.05%F.S (linearity + hysteresis + repeatability) |
| Sensitivity                  | $2.0 \pm 0.1 \text{mV/V}$                         |
| Creep                        | $\pm 0.05\%$ F.S/30min                            |
| Zero output                  | $\pm 1\%$ F.S                                     |
| Temperature effect on zero   | $\pm 0.05\%$ F.S/10°C                             |
| Temperature effect on output | $\pm 0.05\%$ F.S/10°C                             |
| Operating temperature        | -20°C ~+65°C                                      |
| Input impedance              | $380 \pm 10\Omega$                                |
| Output impedance             | $350 \pm 3\Omega$                                 |
| Insulation resistance        | $\geq 5000\text{M}\Omega$                         |
| Safety overload              | 150%F.S   |
| Bridge voltage               | DC 10V  |
| Material                     | Alloy steel or stainless steel                    |
| Protection class             | IP67  |
| Cable length                 | 2m ( $\leq 1\text{ton}$ ), 5m ( $> 1\text{ton}$ ) |
| Wiring                       | EXC+: Red, EXC-: Black, SIG+: Green, SIG-: White  |

### Tension and Compression Load Cell

#### ATO-LCC-TJH-14

Compression load cell is special designed for weight measurement, with compact structure, pouring sealant or welding seal, low height, all stainless steel, good anti-eccentric load performance and corrosion-resistant. Load cell can be applied for platform scale, truck scale, rail weighbridge and automated measurement and control areas.



#### Dimension:

| Capacity     | Dimension (mm) |     |     |    |    |     |    |
|--------------|----------------|-----|-----|----|----|-----|----|
|              | Φ A            | Φ B | Φ C | H  | E  | M   | SR |
| 300kg~1000kg | 78             | 64  | 15  | 40 | 32 | M6  | 40 |
| 2~10 ton     | 82             | 66  | 22  | 44 | 32 | M8  | 50 |
| 15~30 ton    | 127            | 90  | 25  | 70 | 62 | M10 | 60 |

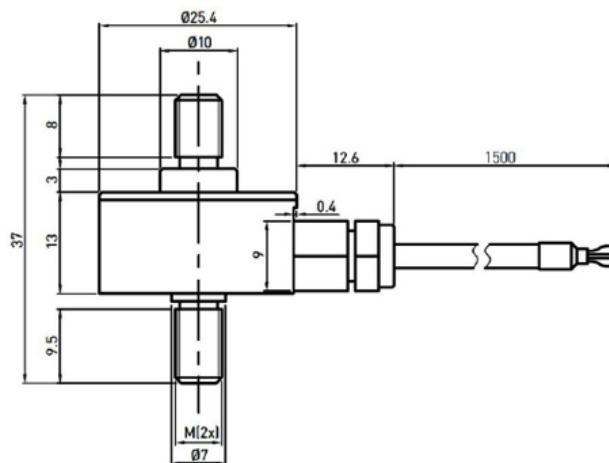
#### Specification:

|                              |   |
|------------------------------|---|
| Model                        | ATO-LCC-TJH-14                                    |
| Shipping weight              | 1.3~6.3kg   |
| Capacity range               | 300 kg~30 ton                                     |
| Accuracy                     | 0.03%F.S (linearity + hysteresis + repeatability) |
| Sensitivity                  | $2.0 \pm 0.1 \text{mV/V}$                         |
| Creep                        | $\pm 0.03\%$ F.S/30min                            |
| Zero output                  | $\pm 1\%$ F.S                                     |
| Temperature effect on zero   | $\pm 0.03\%$ F.S/10°C                             |
| Temperature effect on output | $\pm 0.03\%$ F.S/10°C                             |
| Operating temperature        | -20°C ~ +65°C                                     |
| Input impedance              | $380 \pm 10\Omega$ or $750 \pm 15\Omega$          |
| Output impedance             | $350 \pm 3\Omega$ or $700 \pm 5\Omega$            |
| Insulation resistance        | $\geq 5000\text{M}\Omega$                         |
| Safety overload              | 150%F.S   |
| Bridge voltage               | DC 10V  |
| Material                     | Stainless steel                                   |
| Protection class             | IP67  |
| Cable length                 | 2m ( $\leq 1\text{ton}$ ), 5m ( $> 1\text{ton}$ ) |
| Wiring                       | EXC+: Red, EXC-: Black, SIG+: Green, SIG-: White  |

### Tension and Compression Load Cell

#### ATO-LCC-DYMH-103

Tension and compression load cell can bear both tension and pressure, with good anti-eccentric load performance, low height, all sealed structure and complete specifications. Miniature load cell is suited to use in restricted spaces, such as using in vehicle/test instrument/laminator measurement and control.



#### Dimension:

|                                   |    |
|-----------------------------------|----|
| Capacity                          | M  |
| 5kg, 10kg, 15kg, 20kg, 30kg, 50kg | M5 |
| 60kg, 100kg                       | M6 |
| 200kg                             | M8 |

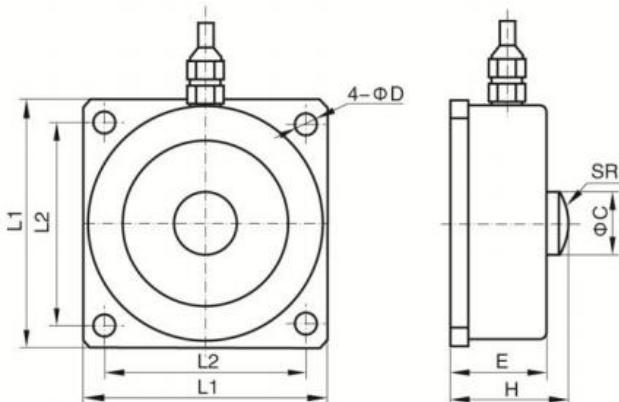
#### Specification:

|                              |  |
|------------------------------|--|
| Model                        | ATO-LCC-DYMH-103                                 |
| Weight                       | 0.1kg  |
| Capacity range               | 0kg~200kg  |
| Accuracy                     | 0.3%F.S (linearity + hysteresis + repeatability) |
| Sensitivity                  | 1.0~1.5mV/V                                      |
| Creep                        | $\pm 0.05\%$ F.S/30min                           |
| Zero output                  | $\pm 1\%$ F.S                                    |
| Temperature effect on zero   | $\pm 0.05\%$ F.S/10°C                            |
| Temperature effect on output | $\pm 0.05\%$ F.S/10°C                            |
| Operating temperature        | -30°C ~+70°C                                     |
| Input impedance              | $400 \pm 10\Omega$                               |
| Output impedance             | $350 \pm 10\Omega$                               |
| Insulation resistance        | $\geq 5000M\Omega$                               |
| Safety overload              | 150%F.S  |
| Overload limit               | 200%F.S  |
| Bridge voltage               | DC 10-15V, suggest DC 10V                        |
| Material                     | Stainless steel                                  |
| Protection class             | IP67   |
| Cable length                 | 2-6m   |
| Wiring                       | EXC+: Red, EXC-: Black, SIG+: Green, SIG-: White |

### Tension and Compression Load Cell

#### ATO-LCST-TJH-4A

Compression load cell is special designed for weight measurement, with good anti-eccentric load performance, low height, all sealed, complete specifications, Load cell can be applied for platform scale, truck scale, rail weighbridge and material level measurement and control in warehouse.



#### Dimension:

| Capacity   | Dimension (mm) |     |     |     |      |    |     |
|------------|----------------|-----|-----|-----|------|----|-----|
|            | L1             | L2  | Φ C | Φ D | H    | E  | SR  |
| 300~1000kg | 74             | 62  | 16  | 6.5 | 41   | 33 | 52  |
| 2~7ton     | 90             | 73  | 20  | 8.5 | 53.5 | 44 | 70  |
| 10~25ton   | 116            | 96  | 30  | 11  | 82   | 70 | 91  |
| 30~50ton   | 132            | 108 | 38  | 13  | 97   | 85 | 120 |

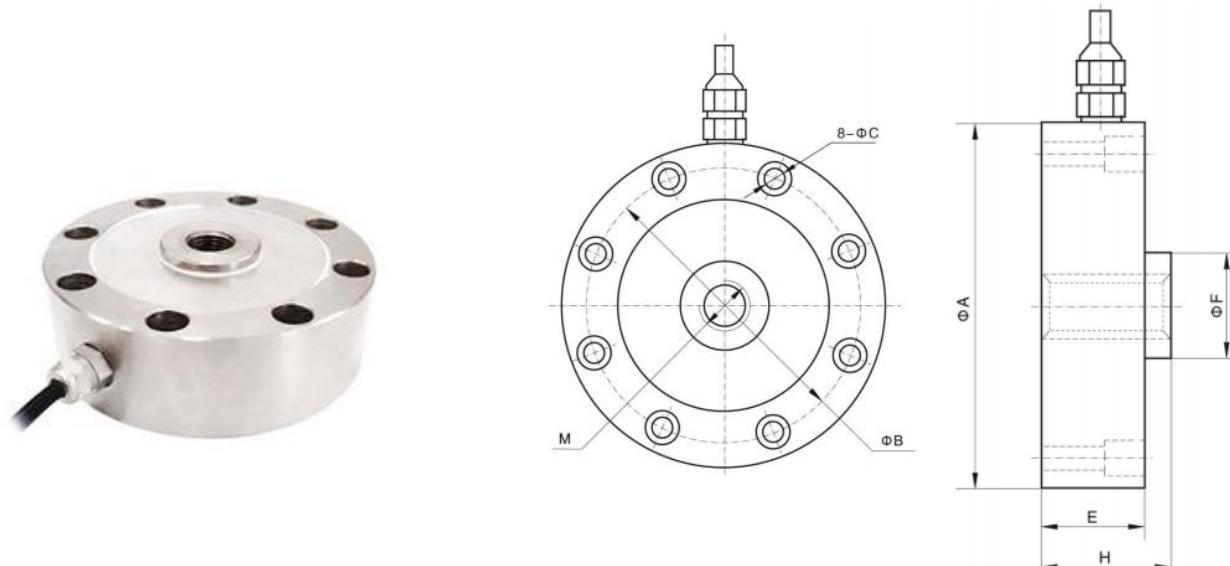
#### Specification:

|                              |   |
|------------------------------|---|
| Model                        | ATO-LCST-TJH-4A                                   |
| Shipping weight              | 1.5~10.7kg  |
| Capacity range               | 300 kg~50 ton                                     |
| Accuracy                     | 0.03%F.S (linearity + hysteresis + repeatability) |
| Sensitivity                  | $2.0 \pm 0.1 \text{mV/V}$                         |
| Creep                        | $\pm 0.03\% \text{F.S}/30\text{min}$              |
| Zero output                  | $\pm 1\%\text{F.S}$                               |
| Temperature effect on zero   | $\pm 0.03\% \text{F.S}/10^\circ\text{C}$          |
| Temperature effect on output | $\pm 0.03\% \text{F.S}/10^\circ\text{C}$          |
| Operating temperature        | -20°C ~+65°C                                      |
| Input impedance              | $380 \pm 10\Omega$ or $750 \pm 15\Omega$          |
| Output impedance             | $350 \pm 3\Omega$ or $700 \pm 5\Omega$            |
| Insulation resistance        | $\geq 5000\text{M}\Omega$                         |
| Safety overload              | 150%F.S   |
| Bridge voltage               | DC 10V  |
| Material                     | Alloy steel or stainless steel                    |
| Protection class             | IP67  |
| Cable length                 | 2m ( $\leq 1\text{ton}$ ), 5m ( $> 1\text{ton}$ ) |
| Wiring                       | EXC+: Red, EXC-: Black, SIG+: Green, SIG-: White  |

### Tension and Compression Load Cell

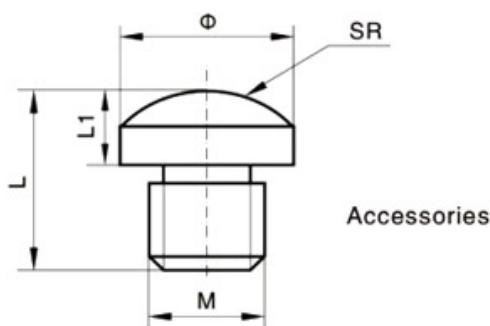
#### ATO-LCST-TJH-4B

Tension and compression load cell can be applied for platform scale, truck scale, rail weighbridge and material level measurement and control in warehouse, with good anti-eccentric load performance, low height, all sealed structure and complete specifications.



#### Dimension:

| Capacity    | Dimension (mm) |       |      |     |         |    |    |
|-------------|----------------|-------|------|-----|---------|----|----|
|             | Φ A            | Φ B   | Φ C  | Φ F | M       | H  | E  |
| 500kg~7 ton | 105            | 88.9  | 6.5  | 32  | M16*1.5 | 37 | 34 |
| 10~25 ton   | 125            | 101.6 | 8.5  | 39  | M32*1.5 | 52 | 48 |
| 30~50 ton   | 145            | 116.8 | 10.5 | 50  | M40*1.5 | 58 | 54 |
| 60~100 ton  | 205            | 162   | 12.5 | 80  | M60*2   | 85 | 78 |



#### Accessories dimension:

| Capacity    | Dimension (mm) |    |    |         |     |
|-------------|----------------|----|----|---------|-----|
|             | Φ              | L1 | L  | M       | SR  |
| 500kg~7 ton | 31             | 13 | 28 | M16*1.5 | 80  |
| 10~25 ton   | 38             | 24 | 51 | M32*1.5 | 120 |
| 30~50 ton   | 50             | 32 | 62 | M40*1.5 | 200 |
| 60~100 ton  | 80             | 42 | 80 | M60*2   | 280 |

### Tension and Compression Load Cell

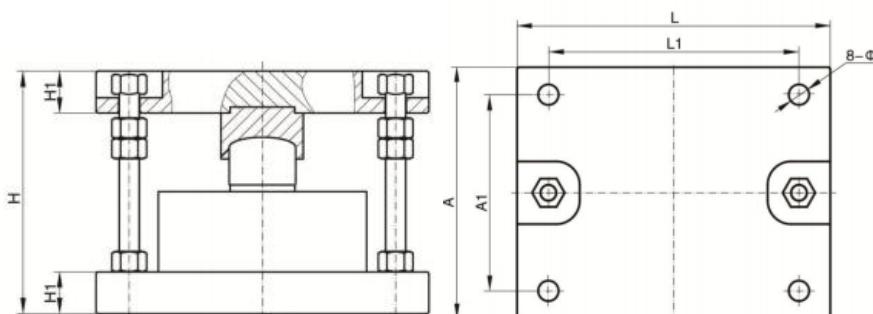
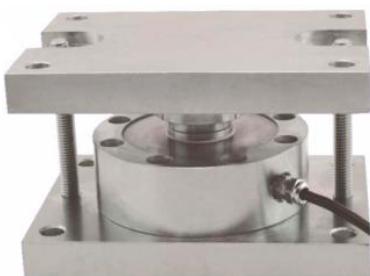
ATO-LCST-TJH-4B

#### Specification:

|                              |   |
|------------------------------|---|
| Model                        | ATO-LCST-TJH-4B                                   |
| Shipping weight              | 1.5~20.8kg  |
| Capacity range               | 500 kg~100 ton                                    |
| Accuracy                     | 0.05%F.S (linearity + hysteresis + repeatability) |
| Sensitivity                  | $2.0 \pm 0.1 \text{mV/V}$                         |
| Creep                        | $\pm 0.05\% \text{F.S}/30\text{min}$              |
| Zero output                  | $\pm 1\%\text{F.S}$                               |
| Temperature effect on zero   | $\pm 0.05\%\text{F.S}/10^\circ\text{C}$           |
| Temperature effect on output | $\pm 0.05\%\text{F.S}/10^\circ\text{C}$           |
| Operating temperature        | -20°C ~+65°C                                      |
| Input impedance              | $380 \pm 10\Omega$ or $750 \pm 15\Omega$          |
| Output impedance             | $350 \pm 3\Omega$ or $700 \pm 5\Omega$            |
| Insulation resistance        | $\geq 5000\text{M}\Omega$                         |
| Safety overload              | 150%F.S   |
| Bridge voltage               | DC 10V  |
| Material                     | Alloy steel or stainless steel                    |
| Protection class             | IP67  |
| Cable length                 | 2m ( $\leq 1\text{ton}$ ), 5m ( $> 1\text{ton}$ ) |
| Wiring                       | EXC+: Red, EXC-: Black, SIG+: Green, SIG-: White  |

### Tension and Compression Load Cell Module

ATO-LCST-TJH-4M



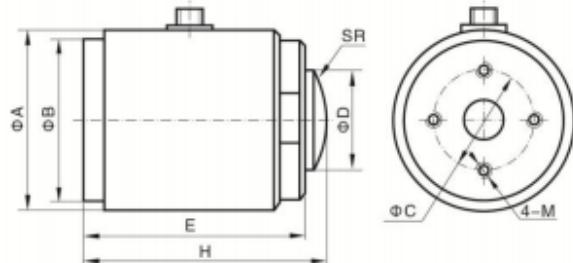
#### Dimension:

| Capacity    | Dimension (mm) |     |     |     |     |    |    |
|-------------|----------------|-----|-----|-----|-----|----|----|
|             | L              | L1  | A   | A1  | H   | H1 | Φ  |
| 500kg~7 ton | 160            | 135 | 115 | 90  | 100 | 20 | 11 |
| 10~25 ton   | 200            | 160 | 160 | 125 | 145 | 25 | 13 |
| 30~50 ton   | 240            | 200 | 180 | 135 | 175 | 30 | 17 |
| 60~100 ton  | 300            | 260 | 240 | 200 | 240 | 35 | 17 |

### Compression Load Cell

#### ATO-LCCT-TJH-3

Column type load cell undertake special surface spraying and seal processing, can be used in harsh environment for a long time. Compression load cell can be applied for large platform scale, truck scale, rail weighbridge, and special for engineering force testing, overload safety testing and impact force measurement and control.



#### Dimension:

| Capacity  | Dimension (mm) |     |     |     |     |     |    |     |
|-----------|----------------|-----|-----|-----|-----|-----|----|-----|
|           | Φ A            | Φ B | Φ C | Φ D | H   | E   | M  | SR  |
| 200~700kg | 59             | 52  | 30  | 20  | 88  | 79  | 5  | 35  |
| 1~5 ton   | 74             | 68  | 38  | 28  | 100 | 91  | 6  | 65  |
| 7~10 ton  | 86             | 78  | 56  | 32  | 130 | 120 | 8  | 85  |
| 15~30ton  | 86             | 78  | 56  | 40  | 140 | 129 | 10 | 200 |
| 40~60 ton | 100            | 92  | 68  | 80  | 150 | 133 | 12 | 350 |
| 100 ton   | 107            | 98  | 68  | 80  | 170 | 156 | 16 | 500 |

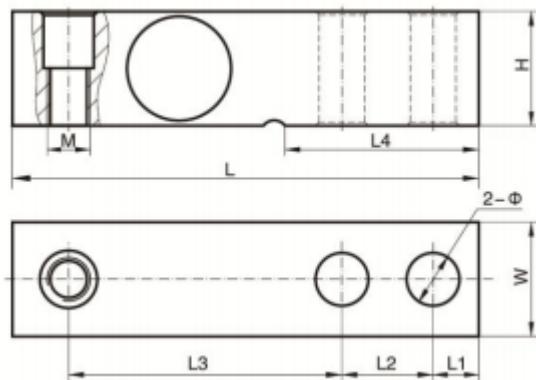
#### Specification:

|                              |   |
|------------------------------|---|
| Model                        | ATO-LCCT-TJH-3                                    |
| Shipping weight              | 1.8~11.1kg  |
| Capacity range               | 200kg~100 ton                                     |
| Accuracy                     | 0.05%F.S (linearity + hysteresis + repeatability) |
| Sensitivity                  | $2.0 \pm 0.1 \text{mV/V}$                         |
| Creep                        | $\pm 0.05\% \text{F.S}/30\text{min}$              |
| Zero output                  | $\pm 1\% \text{F.S}$                              |
| Temperature effect on zero   | $\pm 0.05\% \text{F.S}/10^\circ\text{C}$          |
| Temperature effect on output | $\pm 0.05\% \text{F.S}/10^\circ\text{C}$          |
| Operating temperature        | -20°C ~ +65°C                                     |
| Input impedance              | $380 \pm 10\Omega$                                |
| Output impedance             | $350 \pm 3\Omega$                                 |
| Insulation resistance        | $\geq 5000\text{M}\Omega$                         |
| Safety overload              | 150%F.S   |
| Bridge voltage               | DC 10V  |
| Material                     | Alloy steel                                       |
| Protection class             | IP67  |
| Cable length                 | 2m ( $\leq 1\text{ton}$ ), 5m ( $> 1\text{ton}$ ) |
| Wiring                       | EXC+: Red, EXC-: Black, SIG+: Green, SIG-: White  |

### Shear Beam Load Cell

#### ATO-LCSB-TJH-5B

Shear beam load cell has two ends, one end for fixing, one end for loading, with sealed well, high accuracy, easy to install, easy to use, good interchangeability. It can bear both tension and pressure, and has good automatic self-aligning performance after force. Load cell can be applied for ultrathin electronic truck scale, crane scales, hopper weigher and other weighing instruments.



#### Dimension:

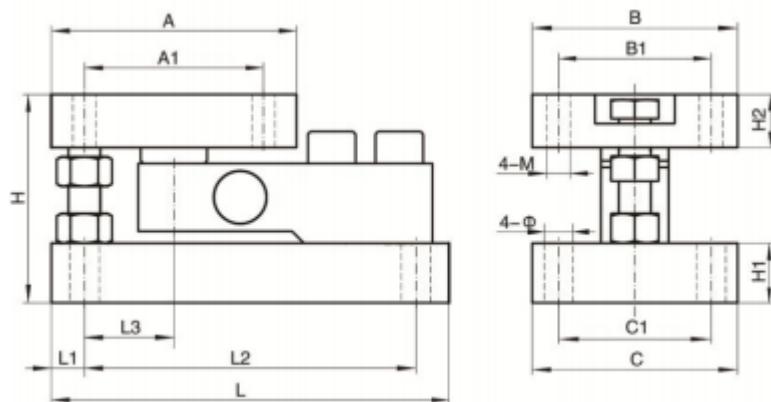
| Capacity      | Dimension (mm) |      |      |       |     |      |      |         |      |
|---------------|----------------|------|------|-------|-----|------|------|---------|------|
|               | L              | L1   | L2   | L3    | L4  | H    | Φ    | M       | W    |
| 200kg~2.5 ton | 130            | 15.8 | 25.4 | 76.2  | 54  | 31.8 | 12.7 | M12/M16 | 31.8 |
| 3~5 ton       | 171            | 19.1 | 38.1 | 95.3  | 80  | 38.1 | 20   | M18*1.5 | 38.1 |
| 10ton         | 222.5          | 25.4 | 50.8 | 123.8 | 110 | 50.8 | 26   | M24*2   | 50.8 |

#### Specification:

|                              |   |
|------------------------------|---|
| Model                        | ATO-LCSB-TJH-5B                                   |
| Shipping weight              | 1.1~5kg   |
| Capacity range               | 200 kg~10 ton                                     |
| Accuracy                     | 0.02%F.S (linearity + hysteresis + repeatability) |
| Sensitivity                  | $2.0 \pm 0.1 \text{mV/V}$                         |
| Creep                        | $\pm 0.02\% \text{F.S}/30\text{min}$              |
| Zero output                  | $\pm 1\% \text{F.S}$                              |
| Temperature effect on zero   | $\pm 0.02\% \text{F.S}/10^\circ\text{C}$          |
| Temperature effect on output | $\pm 0.02\% \text{F.S}/10^\circ\text{C}$          |
| Operating temperature        | -20°C ~ +65°C                                     |
| Input impedance              | $380 \pm 10\Omega$                                |
| Output impedance             | $350 \pm 3\Omega$                                 |
| Insulation resistance        | $\geq 5000\text{M}\Omega$                         |
| Safety overload              | 150%F.S   |
| Bridge voltage               | DC 10V  |
| Material                     | Alloy steel or stainless steel                    |
| Protection class             | IP67  |
| Cable length                 | 2m ( $\leq 1\text{ton}$ ), 5m ( $> 1\text{ton}$ ) |
| Wiring                       | EXC+: Red, EXC-: Black, SIG+: Green, SIG-: White  |

### Shear Beam Load Cell Module

ATO-LCSB-TJH-5M



#### Dimension:

| Capacity    | Dimension (mm) |     |     |     |     |     |     |    |     |      |     |    |    |    |    |  |
|-------------|----------------|-----|-----|-----|-----|-----|-----|----|-----|------|-----|----|----|----|----|--|
|             | A              | A1  | B   | B1  | C   | C1  | L   | L1 | L2  | L3   | H   | H1 | H2 | M  | Φ  |  |
| 50~100kg    | 110            | 95  | 100 | 80  | 100 | 80  | 180 | 15 | 160 | 45   | 85  | 20 | 20 | 8  | 10 |  |
| 150kg~1 ton | 150            | 125 | 125 | 100 | 125 | 100 | 210 | 20 | 180 | 70   | 110 | 25 | 25 | 10 | 12 |  |
| 1.5~5 ton   | 175            | 135 | 150 | 115 | 150 | 115 | 260 | 25 | 220 | 72.5 | 145 | 35 | 30 | 16 | 18 |  |
| 7~10 ton    | 185            | 135 | 155 | 115 | 155 | 115 | 300 | 25 | 250 | 67.5 | 157 | 40 | 45 | 20 | 22 |  |
| 15~20 ton   | 220            | 180 | 210 | 170 | 210 | 170 | 400 | 30 | 350 | 90   | 220 | 55 | 55 | 24 | 26 |  |