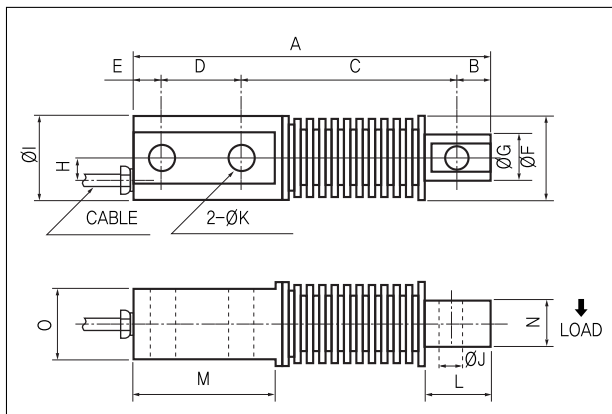
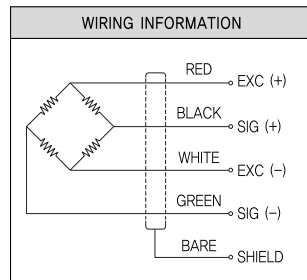


# Bending Beam Load Cell

## >Model CBC

Stainless steel bellows seal.  
Compact, lightweight and easy-to-mount  
Protection Class IP67



## >SPECIFICATIONS

| Specifications                     | Accuracy                                                                    |
|------------------------------------|-----------------------------------------------------------------------------|
| Rated capacity(R,C)                | 10, 20, 50, 100, 200kgf, 500kg<br>(98.07N, 196.1N, 490.3N, 980.7N, 4.903kN) |
| Rated output(R,O)                  | 2mV/V $\pm$ 0.5%                                                            |
| Nonlinearity                       | 0.03% of R.O.                                                               |
| Hysteresis                         | 0.02% of R.O.                                                               |
| Repeatability                      | 0.02% of R.O.                                                               |
| Zero balance                       | $\pm$ 1% of R.O.                                                            |
| Temperature effect on rated output | 0.02% of LOAD/10°C                                                          |
| Temperature effect on zero balance | 0.02% of R.O./10°C                                                          |
| Temperature range, compensated     | -10~70°C                                                                    |
| Temperature range, safe            | -20~80°C                                                                    |
| Terminal resistance, input         | 350 $\pm$ 50 $\Omega$                                                       |
| Terminal resistance, output        | 350 $\pm$ 5 $\Omega$                                                        |
| Insulation resistance bridge       | 2000M $\Omega$                                                              |
| Excitation recommended             | 10V                                                                         |
| Safe overload                      | 150% R.C.                                                                   |
| Cable length                       | $\varnothing$ 5 4core cable, 3m                                             |

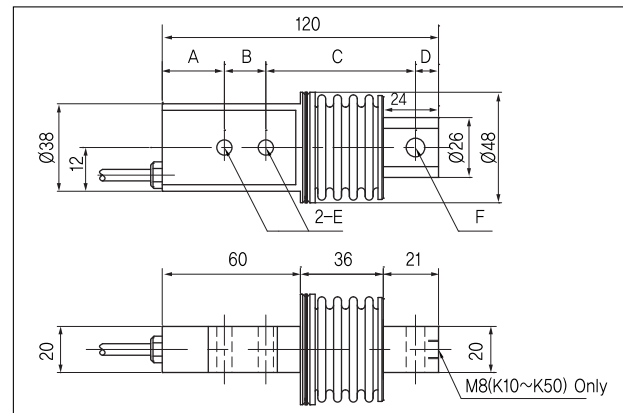
## >DIMENSIONS TABLE(CBC)

| Capacity                 | A   | B  | C   | D  | E  | F  | G  | H  | I  | J   | K   | L  | M  | N  | O  | Weight(kg) |
|--------------------------|-----|----|-----|----|----|----|----|----|----|-----|-----|----|----|----|----|------------|
| 10~100kg (98.1N~980.7N)  | 130 | 10 | 72  | 35 | 13 | 39 | 20 | 9  | 42 | 8.5 | 8.5 | 20 | 58 | 17 | 35 | 1.0        |
| 200~500kg (1.9kN~4.90kN) | 200 | 20 | 120 | 45 | 15 | 50 | 29 | 14 | 52 | 12  | 14  | 40 | 80 | 25 | 40 | 1.8        |

★Specifications are subject to change without notice.

## >Model CBC25

Stainless steel bellows seal.  
Compact, lightweight and easy-to-mount



## >SPECIFICATIONS

| Specifications                     | Accuracy                                              |
|------------------------------------|-------------------------------------------------------|
| Rated capacity(R,C)                | 10, 20, 50, 100, 200kgf, 300kgf<br>(98.07N ~ 2.940kN) |
| Rated output(R,O)                  | 2mV/V $\pm$ 0.5%                                      |
| Nonlinearity                       | 0.05% of R.O.                                         |
| Hysteresis                         | 0.05% of R.O.                                         |
| Repeatability                      | 0.03% of R.O.                                         |
| Zero balance                       | $\pm$ 1% of R.O.                                      |
| Temperature effect on rated output | 0.02% of LOAD/10°C                                    |
| Temperature effect on zero balance | 0.02% of R.O./10°C                                    |
| Temperature range, compensated     | -10~60°C                                              |
| Temperature range, safe            | -20~80°C                                              |
| Terminal resistance, input         | 350 $\pm$ 50 $\Omega$                                 |
| Terminal resistance, output        | 350 $\pm$ 5 $\Omega$                                  |
| Insulation resistance bridge       | 5000M $\Omega$                                        |
| Excitation recommended             | 10V                                                   |
| Safe overload                      | 120% R.C.                                             |
| Cable length                       | $\varnothing$ 5 4core cable, 3m                       |

## >DIMENSIONS TABLE(CBC25)

unit:mm

| Capacity               | A  | B  | C  | D  | E   | F    |
|------------------------|----|----|----|----|-----|------|
| 10kgf, 20kgf, 50kgf    | 27 | 18 | 65 | 10 | 6.6 | 8.1  |
| 100kgf, 200kgf, 300kgf | 25 | 20 | 65 | 10 | 8.4 | 10.1 |