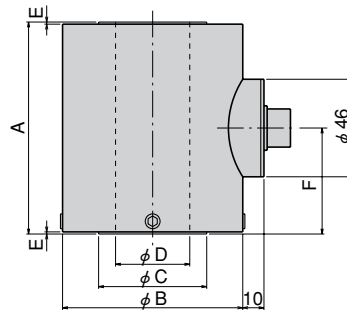


CLC-NA Center-hole type Compression Load Cell

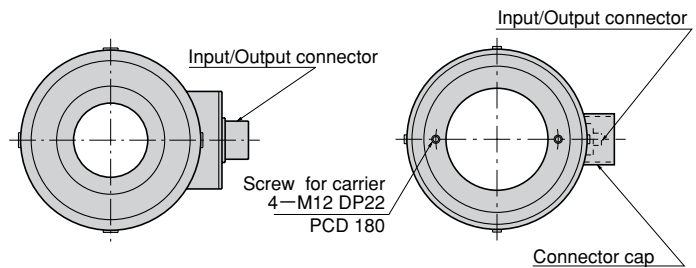
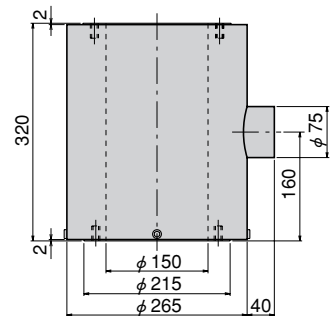
50kN~5MN



CLC-50KNA~3MNA



CLC-5MNA



The CLC-NA Load Cell is a center-hole-type load cell with a strain gauge mounted on a cylindrical strain sensing element. It is used to conduct pullout tests on anchors or laboratory experiments.

Protection ratings : IP 65 equivalent

■ Dimensions

| Type | A | B | C | D | E | F |
|------------|-------------------|-----|-----|-----|---|-----|
| CLC-50KNA | 60 | 50 | 21 | 15 | 1 | 30 |
| CLC-100KNA | 70 | 60 | 29 | 20 | 1 | 35 |
| CLC-200KNA | 90 | 70 | 42 | 30 | 1 | 45 |
| CLC-300KNA | 100 | 85 | 51 | 35 | 1 | 50 |
| CLC-500KNA | 100 | 100 | 62 | 40 | 1 | 50 |
| CLC-1MNA | 150 | 130 | 90 | 60 | 2 | 75 |
| CLC-2MNA | 200 | 170 | 132 | 90 | 2 | 100 |
| CLC-3MNA | 250 | 205 | 164 | 115 | 2 | 125 |
| CLC-5MNA | As per the figure | | | | | |

■ Specifications

| Type | CLC-50KNA | CLC-100KNA | CLC-200KNA | CLC-300KNA | CLC-500KNA | CLC-1MNA | CLC-2MNA | CLC-3MNA | CLC-5MNA |
|-------------------------------|--|------------|------------|------------|------------|----------|----------|----------|----------|
| Capacity | 50kN | 100kN | 200kN | 300kN | 500kN | 1MN | 2MN | 3MN | 5MN |
| Rated Output | 1.5mV/V (3000×10 ⁻⁶ strain) ±0.5% | | | | | | | | |
| Non-linearity | 0.3%RO | | | | 0.5%RO | | | | |
| Hysteresis | 0.3%RO | | | | 0.5%RO | | | | |
| Temperature effect on zero | 0.01%RO/°C | | | | | | | | |
| Temperature effect on span | 0.005%/°C | | | | | | | | |
| Compensated temperature range | -10~+60°C | | | | | | | | |
| Temperature range | -20~+70°C | | | | | | | | |
| Over load | 150% | | | | | | | | |
| Input/output resistance | 350Ω ±1% | | | | | | | | |
| Recommended exciting voltage | Less than 10V | | | | | | | | |
| Allowable exciting voltage | 20V | | | | | | | | |
| Zero balance | 5%RO | | | | | | | | |
| Weight | 1kg | 2kg | 2kg | 3kg | 4kg | 8kg | 19kg | 34kg | 67kg |

Supplied cable : CT9-4N10/WP-STB (φ 9mm 0.5mm² 4-core shielded chloroprene cable 10m)