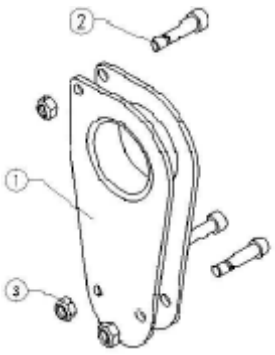
# APPLICATIONS

Lifting and finding the centre of gravity of out of balance loads with a rope sling.




# DESCRIPTION

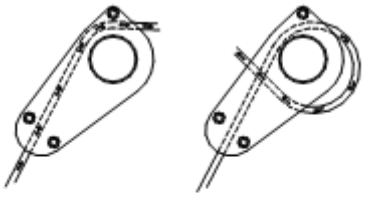
This accessory automatically and safely locks and unlocks positioning on a one leg wire rope sling thanks to a round turn.
Positioning/ movement of the load positioner along the wire rope is not automatic: end-user must adjust positioning by testing (lay down the load and move lifting device until the desired position be obtained).
Sling not provided.

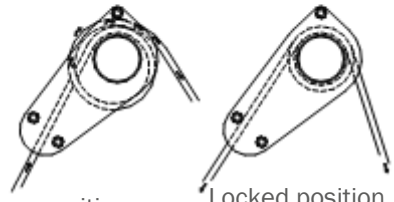
# FUNCTIONING

Use with a rope sling. In free position, with the sling slack, the rope travels around the load positioner's ring, which permits to move and position it above the presumed load's centre of gravity.
When lifting, the rope sling locks itself around the ring thanks to a round turn.

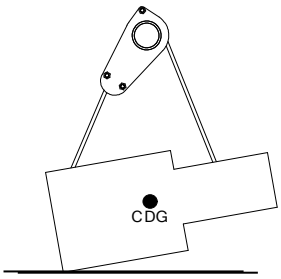
Should the load be unbalanced too much (more than 70 % effort on 1 leg and less than 30 % on the other), put down the load again and slacken the sling so as to free the tension around the ring. Resume the operation until the desired position be obtained.
Then the handling of the load can be performed.

Rope round turn on the load positioner

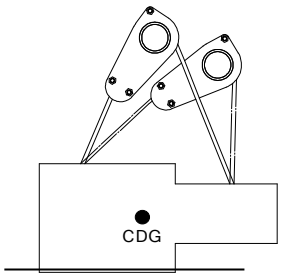




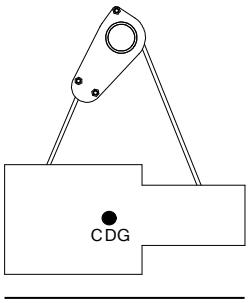
Free position | Locked position




Position the load positioner and lift.




If the load is not in correct position: lay it down and move the load positioner




Resume the operation until the desired position be obtained.

# IMPORTANT INSTRUCTIONS

- Make sure the relations between the WLL and sling angle are adhered to (see table).
- Use a cable diameter equal or greater than the one indicated in the chart at the back of this page and checks that it fits the load positioner (when using a greater diameter).
- For any positioning requiring more than 2 fastening points, use several load positioners.
- The effort distribution must not exceed 70 % on 1 leg and 30 % on the other one.
- Working temperature: -20° to +100°C.
- Do not use in applications Important to Nuclear Safety (IPSN). [1]

[1] Important Pour la Sûreté Nucléaire - Important for Nuclear Safety

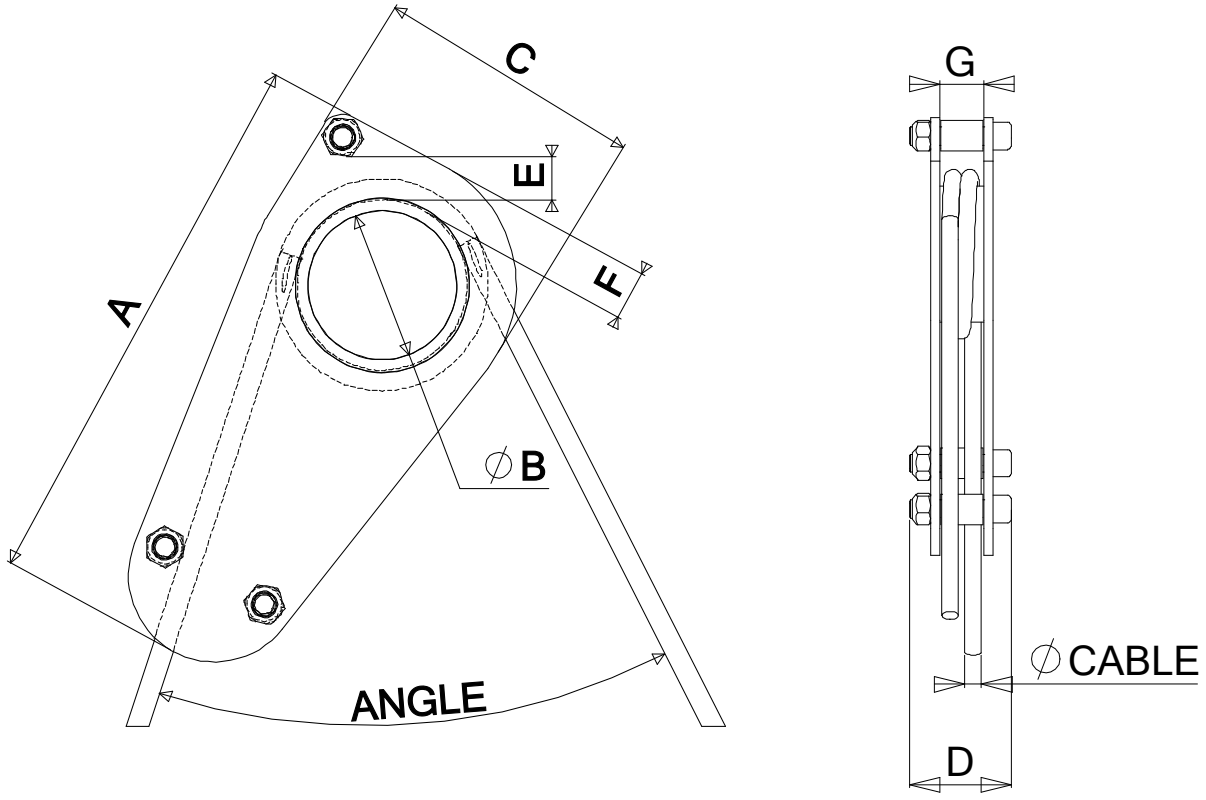
# GENERAL CHARACTERISTICS

- Manufactured without load bearing welds.
- Hot epoxy coating.
- Safety factor: 3 in accordance with the EN 13155.2003 norm.
- Product conforms to the French regulation, in particular the decree of 01/03/2004 relating to the check on lifting devices and the European Directive n°98/37.
- Product with EC marking and delivered with a declaration of conformity and instructions for use.

# DIMENSIONAL CHARACTERISTICS

| Ref. | Group code | WLL | | | A | B | C | D | E | F | G | Cable Ø[2] | Ø max cable | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | at 45° | at 90° | at 120° | | | | | | | | | | |
| TC2 11 | 50828 | 2 000 | 1 400 | 1 000 | 290 | 77 | 140 | 67 | 26 | 24 | 13.5 | 11 | 13.5 | 3 |
| TC3 13 | 50838 | 3 000 | 2 100 | 1 500 | 318 | 100 | 152 | 72 | 32 | 20 | 14 | 13 | 14 | 5 |
| TC5 18 | 50848 | 5 000 | 3 500 | 2 500 | 424 | 111 | 210 | 96 | 29 | 41 | 20 | 18 | 20 | 10 |
| TC10 26 | 88408 | 10 000 | 7 000 | 5 000 | 600 | 145 | 280 | 119 | 42 | 55 | 28.5 | 26 | 28.5 | 32 |

*Dimensions in mm*




[2] recommended Ø.
A smaller Ø can be used if it can support the load.