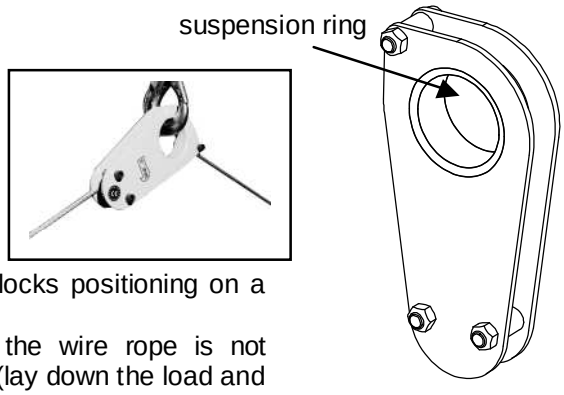
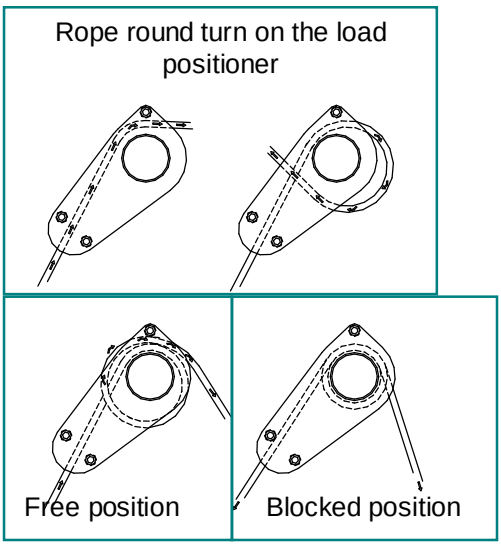


Applications

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

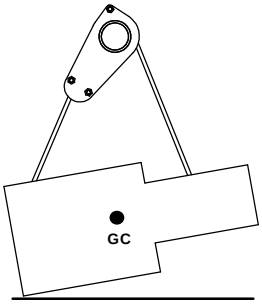
Description

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.

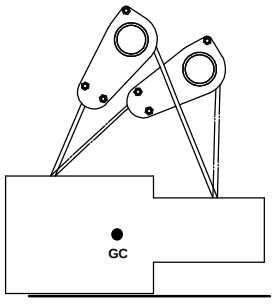


Functioning

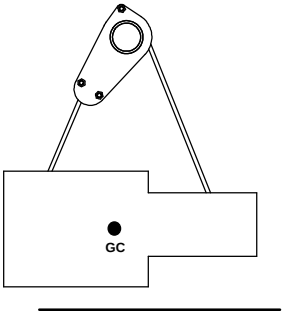
Use with a rope sling. In free position, with the sling slack, the rope travels around the load positioner's ring, which permits to move and position it above the presumed load's centre of gravity.
When lifting, the rope sling locks itself around the ring thanks to a round turn. Should the load be unbalanced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



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 check 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.

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°2006/42/CE.
- 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	Weight kg
		at 45°	at 90°	at 120°									
TC2 11	50828	2 000	1 400	1 000	290	77	140	67	26	24	29	11	3
TC3 13	50838	3 000	2 100	1 500	318	100	152	72	32	20	30	13	5
TC5 18	50848	5 000	3 500	2 500	424	111	210	96	29	41	42	18	10
TC10 26	88408	10 000	7 000	5 000	600	145	280	119	42	55	59	26	32

Dimensions in mm