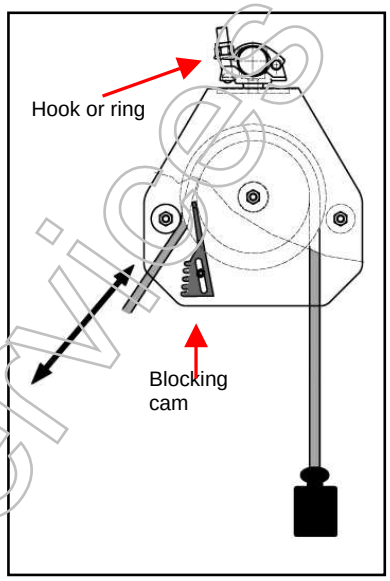
Applications

POULISTOP2 is designed for temporary lifting installations on construction sites. It is designed for manual lifting up to 50 kg WLL (load + rope), and is to be used with a braided nylon rope (Ø 18 to 20 mm) for lifting heights until 30 meters.



POULISTOP2 is equipped with an original rope blocking system using a sliding plastic brake, lockable and unlockable by the remote user by acting on the rope. It is then possible for the user to maintain the load in suspension without any effort.

This pulley is perfect for construction sites :

- All the components are resistant against corrosion
- Easy maintenance (can be cleaned with water, no greasing necessary)
- Light
- The nylon rope is rotproof and not very sensible to moisture
- Can be fixed on a scaffolds
- The POULISTOP 2 can be delivered with it's rope and is ready to use

Replacement kits for rope and plastic brake are available.

Description

POULISTOP 2 is built with a zinc coated steel structure and a polymere sheave and brake. This in order to prevent from corrosion. The pulley weighs only 4 kgs (without the rope) for manipulations without difficulties. The braided nylon rope has a diameter of 18-20 mm

POULISTOP 2 exists with a hook with safety latch or with a flanged ring which can be attached directly onto a scaffold tube.

The rope's blocking is ensured by a striated brake which slides along a vertical axis and acts by wedging on the rope against a metal axis.

The load applied to the rope tends to make go up the slack side of the rope. When the slack side of the rope is vertical, it involves with him the brake, which then exerts an effort of wedging on the rope, which blocks in position.

So the resisting force of the rope is directly proportional to the load.

In order to free the rope, the operator has to apply to the slack side of the rope an angle of 15° approximately. Then the brake will be released

POULISTOP 2 is a non-opening pulley ; the rope has to be introduced between the flanges by glissing it. The height of the flanges is important and permits a simple installation of the rope.

Technical characteristics

- Ultimate load is 4 times the working load limit (WLL).
- Weight : 4 kg
- Maximum acceptable load : 50 kg (including weight of the rope of about 0,3kg/m)
- Suitable for ropes between 18 and 20mm
- Maximum lifting height : 30 meters
- Complies with the Machinery Directive CE 2006/42

Dimensional characteristics

WLL on leg is the maximum weight that can be lifted with a **Poulistop** 2

Reference	Group code	WLL on leg (kg)	Ø rope		bottom of groove Ø	ext. Ø sheave	Bearings	Weight (kg)
			Min.	Max				
D050B (hook)	192319	50	18	20	150	195	6000-2RS	4
D051B (ring)	192329	50	18	20	150	195	6000-2RS	4

* Work Load Limit

Dimensions in mm

Non-conform uses

- **NEVER USE FOR PERSONNEL LIFTING**
- **The operator is not authorised to release the rope or leave equipments out of control when a load is hanged up on a pulley.**
- Strictly forbidden to either be under or to walk under the load.
- Always use suitable rope (size, length and capacity)
- Always suspend the load on the indicated side (see marking on pulley)
- The pulley should be regularly inspected (priory checking : parts correctly assembled, no excessive movement, no excessive wearing or corrosion, no deformation, free rotating sheave)
- Never use a pulley with a hook as head fitting without ensuring that the safety latch is correctly operated and free from deformation.
- For lifting operations, the user must refer to the safety rules and regulations applicable to this use
- Never install POULISTOP 2 as a return pulley

The POULISTOP 2 brake has to be free from grease and has to rotate freely. This piece has to be cleaned regularly. We advise not to use the POULISTOP 2 at temperatures below zero degrees.

The effectiveness of blocking is guaranteed by the contact between the rope and the brake. Consequently, these two elements must be the subject of a routine inspection, and be replaced if necessary. In any event, the installation of a new rope must be accompanied by the replacement of the brake.

The blocking of the load enables the operator to stop the movement of rise or descent by ensuring the resumption of the load.
This is only for assisting the operator, it is not allowed to leave the load in suspension without monitoring.

The rope's blocking must always be engaged before releasing the slack side of the rope: if not, during a operation (voluntary or not), the brake will function (provided that the slack side can be repositioned vertically) but the stopping distance of the load can strongly vary according to the conditions of use, and in addition an accelerated wear of the components of blocking (cam, cord) is to regret.

Always ensure that the mechanical resistance of anchorage point of a POULISTOP 2 accept at least 108 kg.