

APPLICATIONS

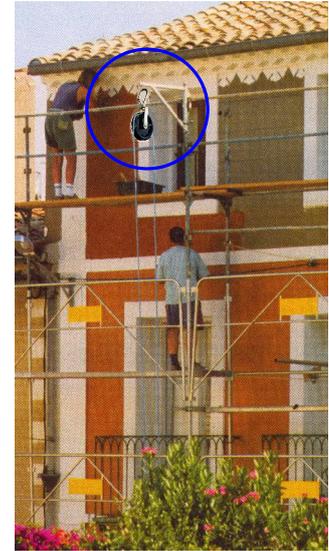
Rope building site pulley D039E is a manual return pulley for rope, with 22 to 30 mm diameter.

It permits manual lifting - without limit on use height (limit on height only depends on length of the rope) - of compacts loads, safe (ensure that nothing can fall during lifting), with 40 kg weight maximum (for example: seals of mortar/sand/rubbish/painting...).

The polyamide sheave ($\varnothing = 200$ mm) is rotation free. It resists to corrosion and permits lightness of the pulley.

The wide upper hook can easily be hanged on any suspension points - and particularly on tubes of scaffolds.

DE pulley is fitted with a swivel hook which ensures good positioning of the pulley regarding the rope.



DESCRIPTION

A hook with safety latch is installed on the DE pulleys to ensure a quick and safe attachment. In case of use on scaffold tubes ensure tube is fitted with a stop point in order to avoid the pulley slips out of its hanging point.

Mechanical resistance of anchorage point of a contractor's pulley D039E must at least accept 80 kg.

DE pulley is a non opening block: rope is installed by pulling one of its end between bearing flanges. Important height of bearing flanges permits easy installation of the rope and ensures space for splice. Sheaves polyamide: nylatron.

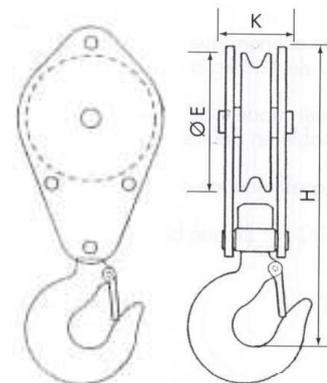


DIMENSIONAL CHARACTERISTICS

WLL* on a leg kg	Rope \varnothing		Out. Sheave \varnothing E	Hook bowl to top H	Overall thick. K	Weight kg	Ref.
	min	max					
40	22	30	200	370	68	1,6	D039E

* Working Load Limit

Dimensions in mm



WLL on leg is the maximum weight that can be lifted with a DE pulley.

TECHNICAL CHARACTERISTICS

- Ultimate load is 4 times the working load limit (WLL).
- Zinc coating.

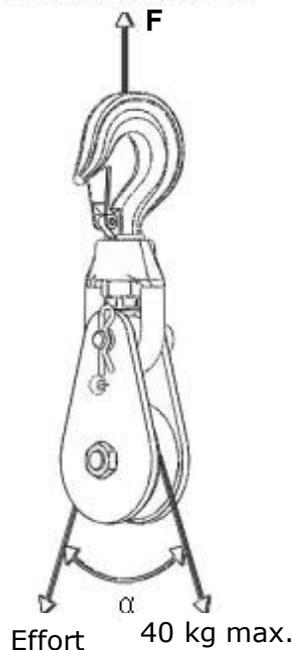
NON-CONFORM USES

- NEVER USE FOR PERSONNEL LIFTING.
- Always use suitable rope (size, length and capacity)
- Strictly forbidden to either be under or to walk under the load.
- The block should be regularly inspected (priority checking: parts correctly assembled, no excessive movement, no excessive wearing or corrosion, no deformation, no weld corrosion or cracking, free rotating sheave).
- Prior to using the block, check for proper position and locking of the snatch block.
- Never use a block 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 issue.
- The operator is not authorised to release the rope or leave equipments out of control when a load is hanged up on a pulley.
- Never install a Charlet return pulley as a hook block on lifting equipment (crane, hoist ...).

CALCULATION OF LOADING OF A SNATCH BLOCKS

The maximum loading on suspension of the block varies with the angle (α) between the incoming and departing lines to the block. The following table indicates the factor to be multiplied by the loaded line to obtain the total load F on the block.

Suspension loading



Angle α	Effort applied on suspension "F"
0°	load x 2
15°	load x 1,98
30°	load x 1,95
45°	load x 1,85
60°	load x 1,73
90°	load x 1,41
120°	load x 1
150°	load x 0,52
180°	load x 0

Always ensure :

F < anchoring point resistance

For a D039E pulley, maximum loading on suspension is 80 kg.