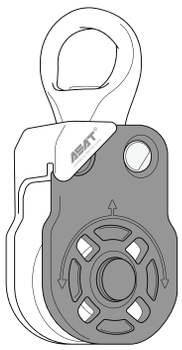
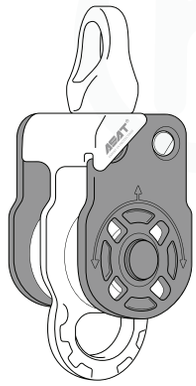
Explanation of Markings

A	at height uk
B	CE 0082
C	YY.XX.ZZZZZ
D	EN12278:2007
E	RP5x
F	Ø ≤ 13mm
G	xxkN
H	
I	ASAT EXPERT IN PROTECTION

Model Variants: Single, Double, & Efficiency

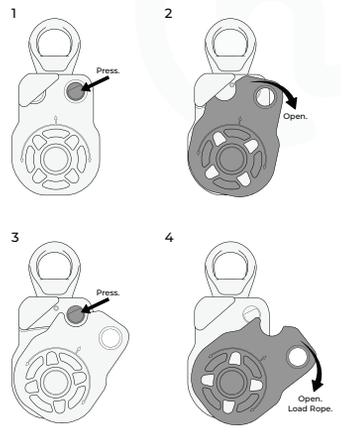


RP50 Single Swivel Pulley
89.2% Efficiency @ 100kg

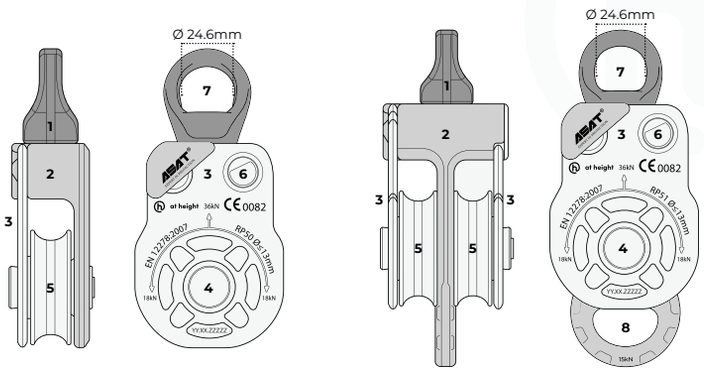


RP51 Double Swivel Pulley
86.4% Efficiency @ 100kg

Opening



Name of Parts & Dimensions



1) Swivel **2)** Frame **3)** Moving Side Plate
4) Axle **5)** Wheel **6)** Unlocking Button
7) Main Attachment Hole **8)** Becket

Product Inspection Record Card Example

Date	OK? (If no, report defects here)	Name & Signature	Date of Next Examination

Product Type and Identification Number	Year of Manufacture	Year of Purchase	Date of First Use

General Information
The users shall read this operation manual carefully and understand the relevant content. Please keep this manual properly.

WARNING!
1) The manufacturer or distributor will not be held responsible for any eventual damages, injuries or death resulting from an improper use of the equipment. If there is any doubt about the compatibility of the products that you have chosen, please consult the manufacturer. Always ensure that the recommendations for use of other components within a system as advised are complies with.
2) Do not exceed loads (MBS) specified by the manufacturer. MBS is the maximum allowed, there is no extra margin.
3) Do not under any circumstances modify the product as alterations may render it ineffective.
4) It is mandatory that a risk assessment be carried out prior to any use. Before using, the rescue plan prepared for all possible emergency situations.
5) Any misuse of this equipment will create additional dangers. It is the user's responsibility to ensure understanding of the correct safe use of the equipment, to use it only for the purposes for which it is designed, and to practise all proper safety procedures.
6) Please read the manual carefully before use and strictly abide by it.
7) The users should meet the physical conditions of work at height and have been trained for work at height. Users who are drunk or under the influence of narcotic drugs are not allowed to use this equipment.
8) A thorough inspection should be carried out at least annually and the results recorded. In addition, an inspection should be carried out before each use.
9) Recommended operating temperature range -40°C to +80°C.
10) Constant exposure to moisture and marine conditions can reduce product life.
11) If the device is re-sold out side the original country of destination the reseller shall provide instrcutions for use int he language of the country in which the product is to be sold.
12) Warning! When using multiple items of equipment, a dangerous situation can arise in which the safety function of an item of equipment can be affected by the safety function of another item of equipment.
13) Warning! Activities involving the use of this equipment are inherently dangerous. You are responsible for your own actions, decisions and safety. Before using this equipment, you must:
- Read and understand all Instructions for Use.
- Get specific training in its proper use.
- Become acquainted with its capabilities and limitations.
- Understand and accept the risks involved.
This product must only be used by competent and responsible persons, or those placed under the direct and visual control of a competent and responsible person.

Product Introduction
- Overview of the Product
The Pulleys can be opened while attached to the anchor, for use in mountaineering including climbing. They reduce the difficulty of operation when used with the rope system, reduces the risk of wrong operation, and protect from falls of a height.

At Height Pulleys RP50/51 are made of aluminium, stainless steel, PTFE, etc.

Technical Parameters
RP50
Breaking Strength: 36kN
Suitable Rope: ≤13mm
Efficiency: 89.2% @ 100kg
Weight: 305g
Dimensions: 60mm x 126mm x 34mm

RP51
MBS: 36kN
Becket MBS: 15kN
Suitable Rope: ≤13mm
Efficiency (for one sheave): 86.4% @ 100kg
Weight: 495g
Dimensions: 60mm x 154mm x 57mm

Pulley efficiency can vary depending on the condition of the rope: wet and/or icy.

Instructions for Use
1) Connect the pulley to an anchor point using a suitable connector through the main attachment hole.
Warning! Verify the connectors are properly positioned before loading.
2) To open - press the unlocking button and rotate the moving side plate. Press the unlocking button a second time to fully open the side plate.
3) Load the rope fully around the wheel.
4) To close - rotate the side plate back fully until the button clicks locked.
Warning!
Make sure the side plates are fully locked to prevent the risk of accidental opening.
Compatibility Note:
Verify that this product is compatible with the other elements of the system in your application (compatible = good functional interaction).
This product can only be used with non-metal ropes, not steel cables.
Equipment used with your pulley must meet current standards (e.g. Rope meets EN 1891 or EN 892).
When using this product, be sure that your anchors are of sufficient strength.
The attachment hole is compatible with connectors (in accordance with EN 362 or EN 12275), accessory cord (in accordance with EN 564) or ropes (in accordance with EN 892 and EN 1891).
Warning!
Prolonged use with a connector can create dangerous wear and sharp edges, if the attachment hole is then used with a rope or a sling.

Storage and Maintenance
Improper storage and maintenance can reduce the service life and performance of the product.
1) Store in cool and dry place, avoid exposure to sunlight.
2) Avoid rubbing or scratching.
3) Avoid contact with corrosive or chemical substances.
4) Avoid extreme high temperature. For example, more than 80°C.

Inspection and Detection
1) Your safety depends upon the integrity of your equipment.
2) The periodic examination frequency shall be at least every 12 months by a competent person.
Warning!
Your intensity of use may cause you to inspect your PPE more frequently.
3) Before Each Use - Inspect the pulley visually, verify the absence of any cracks, deformation... Verify that the pulleys have no burrs or sharp edges that could damage the rope. Unrepairable edges and visible cracks need to be scrapped.
Check the condition of the wheel and verify that it is working properly. Check the condition of the moving side - plate locking system and verify that it is working properly.
4) During Use - It is important to regularly monitor the condition of the product and its connections to the other equipment in the system. Make sure that all items of equipment are correctly positioned .
5) Record the results on your PPE inspection form. After each inspection, need signature of the competent person who carried out the periodic examination or repair.
6) With normal use, this product should have a lifespan in excess of 10 years.

WARNING!
An exceptional event can lead you to retire a product after only one use, depending on the type and intensity of usage and the environment of usage (harsh environments, marine environments, sharp edges, extreme temperatures,chemicals...). Such as strong alkali can dissolve aluminium alloy body, resulting in reduced strength.
A product must be retired when:
- It has been subjected to a major fall or load.
- It fails to pass inspection.
- You do not know its full usage history.
- When it becomes obsolete due to changes in legislation, standards, technique or incompatibility with other equipment, destroy these products to prevent further use.

Cleaning
The pulleys should be cleaned regularly with clean water or with a mild detergent.
Dry away from heat in a well ventilated area. Especially after being used in marine environment, You must clean it thoroughly.

Markings
A Manufacturers Identification - At Height Ltd, 41c Underbank Old Road, Holmfirth, HD9 1AS, United Kingdom
B CE 0082 - CE mark with Notified Body number (Apave)
C Unique Serial Number where: YY = Year of Manufacture; XX = Batch Number; ZZZZZ = Individual Number
D European Standard
E Product Code
F Rope Diameter
G Minimum Breaking Strength
H Book Pictogram - reminder that the end user should read and understand the supplied user instructions
I Manufacturing Site's Brand

Declaration of Conformity
EU type examination(2016/425/EU, module B) of this product was performed by:

Apave SA
Apave SA (n°0082) - 6 Rue du Général Audran - 92412 COURBEVOIE cedex -France
Website : www.apave.com
Notified Body number : 0082

Accordance with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) production control (module D) is carried out by:

Apave SA
Apave SA (n°0082) - 6 Rue du Général Audran - 92412 COURBEVOIE cedex -France
Website : www.apave.com
Notified Body number : 0082 production control (module D)

A Declaration of Conformity can be found on the product pages at **www.atheightuk.com**

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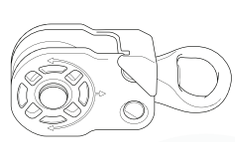
Swivel Pulley
RP5x



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www.atheightuk.com