ISC
SOLUTIONS IN METAL

General

ISC equipment and components for prevention of falls from height meet or exceed recognised European, American or other International standards. A multi-language user instruction manual should accompany this product. Please read and understand this instructions before use. Activities involving the use of this equipment are inherently dangerous – this equipment should only be used by a competent person, or a person specifically trained in its use who is under the direct supervision of a competent person. It is the user's responsibility to ensure understanding of the correct safe use of this equipment, to use it only for the purposes for which it is designed, and to practise all proper safety procedures. It is mandatory that a Risk Assessment be carried out prior to any use and a rescue plan be in place for any work at height. The manufacturer or distributor will not be held responsible for the eventual damages, injuries or death resulting from an improper use of this equipment. Always ensure that all components within a safety system are compatible and allow the system to function safely. Manufacturing material - Frame is cast from aluminium (except RP056 whose frame is steel/stainless steel); wheels manufactured from aluminium: axles and other parts from stainless steel. Please see ISC datasheets for more information. This user instruction does not cover ISC standard pulleys – please see separate instruction manual for information on those.

Use Requirements

This pulley is meant for use as part of a rigging system primarily for use in the Arborist industry. It is not designed to be used as part of a fall-arrest system. The pulley must always be used with the two plates closed and locked into place using the spring-loaded locking axle or the screwgate axle. Care should be taken not to load the pulley across its minor axis or against its axles across a structure or anchor point unless it is specifically designed to do so. Wheel dimensions vary from pulley to pulley and you should ensure that it is suitable for use with your rope anchor system and any connectors so that it closes and locks fully after installation (see table for rope sizes). The small wheel is intended as a bearing point for connection to an anchor NOT as a moveable load bearing wheel. The pulley should be used with a rigging system conforming to or in accordance with any specific recognised International Standard or industry Best Practice relating to the specific use and the anchorage point should be capable of withstanding the loads involved. Extreme care should be taken when using this product near harmful chemicals, moving machinery, electrical hazards and near sharp edges and abrasive surfaces. Wet and icy conditions may cause the rope to become slippery. Extra care should be taken when using pulleys under these conditions.

Inspection & Maintenance

Immediately before, during and after use make visual inspections of the product to ensure that it is in a serviceable condition and is operating correctly. In addition to these visual inspection a thorough examination should be carried out by a competent person at least every six months. Inspect the pulley plates, wheels and axles visually for damage or malfunction and marking legibility, ensuring all moving parts do move correctly especially any locking mechanisms. To check the locking mechanism, push and turn the locking axle and open the pulley fully. The action should be smooth and the side plates should fully rotate and the wheel should fully turn. Re-lock the pulley by re-aligning the locking axle, push and turn to ensure a positive lock. (see table for locking procedure). Extreme temperatures and the effects of chemicals, rust, cuts and abrasions could affect the performance of the equipment. The product should be withdrawn from use immediately should any doubt arise about its condition for safe use or if it has been used to arrest a fall and not used again until confirmed in writing by a competent person that it is safe to do so. If required repair or replacement of parts should only be carried out by the manufacturer or its recognised repair agent. The life of a pulley depends on its use, care and maintenance but may be longer than 5 years. If the pulley has prolonged use in a hostile environment eg dusty/sandy/muddy conditions the inspection intervals should be shortened and the life of the pulley may be reduced.

Cleaning

The product may be cleaned regularly (or after every use in a marine environment) with a mild detergent. Afterwards the product should be allowed to dry naturally. Moving parts may be oiled regularly with a light lubricant such as WD40 or dry PTFE lubricant.

Storage & Transportation

The product should be stored in a clean, dry environment free from corrosive or chemical substances. Care should be taken to protect the product against damage during transportation.