FIELD OF APPLICATION

CMC ProSwivel Pulleys are designed and manufactured as personal protective equipment (PPE) used for fall protection during work and rescue. They are in accordance with EN12278:2007, and Regulation (EU) 2016/425. ProSwivel Pulleys are also classified to NFPA 2500 (1983), 2022 Edition as Load Bearing Pulleys. ProSwivel Pulleys shall not be used outside of their limitations, or for any purpose other than that for which they are intended.

Responsibility

These instructions explain the correct use of your equipment. The warning symbols inform you of some potential dangers related to the use of your equipment, but it is impossible to describe them all. You are responsible for heading each warning and using your equipment correctly. Any misuse of this equipment will create additional dangers. Contact CMC If you have any questions or difficulty understanding these instructions. Check cmcpro.com for updates and additional information.

Before using this equipment, you must have a rescue plan in place to deal with any emergencies that could arise and be mechanyl fail and a rescue pain in particulation of the angle information of the angle of controlling your own security in emergency situations. Motionless suspension in a hamess may cause severe injury or death. Check equipment before and after use.

User Information

User Information shall be provided to the user of the product, NFPA 1983, incorporated into the 2022 edition of NFPA 2500 recommends separating the User Information from the equip-ment and retaining the information in a permanent record. The standard also recommends making a copy of the User Information to keep with the equipment and that the information should be referred to before and after each use.

Additional information regarding life safety equipment can be found in NFPA 1550 and NFPA 1858 and NFPA 1983, incorporated in the 2022 edition of NFPA 2500. This document must be provided to the user by the retailer in the respective country's language and must be kept with the equipment while it is in use. Observe relevant national regulations

TRACEABILITY & MARKINGS

See images

NOMENCLATURE

See images

COMPATIBILITY

Verify that this product is compatible with the other equipment in the system and that its intended applications meet current standards. Equipment used with this product must meet regulatory requirements in your jurisdiction and/or country, and provide safe, functional interaction

All connections should be evaluated for risk based on the loads, redundancy, and rigging An connectants about the variated to in the based on the dots, featuring, and highing practices involved. Always verify that connectors are properly positioned before loading them. Equipment used with a ProSwivel Pulley must meet current standards in your country. When combining this product with other equipment and/or using this product in a rescue/fall arrest system, users must understand the instructions of all components prior to use and comply with them to ensure that safety aspects of these items do not interfere with each other.

Danger may arise and functionality may be compromised by combining other equipment with this product. User assumes all responsibility for non-standard use or added components. Contact CMC if you are uncertain about the compatibility of your equipment.

WARNING: Prolonged use with carabiners or other hardware can create dangerous wear and sharp edges that will decrease the safety of the device when used with rope or slings. Minor nicks or sharp spots may be smoothed with emery cloth.

INSPECTION, POINTS TO VERIFY

Inspection

User safety depends on equipment integrity. Equipment should be thoroughly inspected prior to being placed into service and before and after each use. Inspect the equipment according to use of the and boost and area deal as a more than a second by the equipment. In addition, CMC recommends a detailed inspection by a competent person at least once every 12 months depending on current regulations and conditions of use. Record the date, inspector name, and inspection results in the equipment log as well as any other relevant information to track the usage history

- the usage history.
 Before & after each use, the user should:
 Confirm the device is functioning properly.
 Outfine the device is functioning properly.
 Will be provide the process on all device the markings.
 Will be a concessive user or indications of damage such as deformation, corrosion,
 shap edges, cracks, or burry. Million rolks or stora sports may be smoothed with energy cloth or
 similar. Prolonged use with carabiners or other hardware can create dangerous wear and shap
 edges that ull decrease the safety of the device when used with the divis.
 Otherk for the presence of dir of rolegin objects that can affect or prevent normal operation such
 as grit sand, rocks, and device.
 Otherk and, rocks, and devices.
 Check that the main ade both has not toosened.
 Verify spring pins are in place and have not been removed.
 Check that the swivel, and shave. Refer if they have loosened or feel rough.
 Verify that the swivel top rotates normally, and the swivel ade both.

Verify that the served top rotates normally, and the served acte both has not loosened. Verify smooth rotation of the shares as Security of the main acke holt. Verify that the sideplate rotates normally & the button operates properly. The button must not be impaired by dirit, ice, cornosion, etc. Set Screw Inspection: Each set screw is located above the button(s). The top of the set screw must be even with or below the surface of the body of the pulley. If the set screw is covered by epoyor sesaint, the seaint must be even with or below the surface of the body of the pulley. (A) Set screw location, single pulley, (B) Set screw location, double pulley, (C) Button location.

During each use, the user should:

- Grant use, the user should. Confirm all pieces of equipment in the system are correctly positioned with respect to Monitor the condition of the device and its connections to other equipment in the sys Ensure sideplates are fully locked with fully extended buttons.

- Ensure single and the problem with the operation of the device or its components. Reduce the risk of shock load by minimizing slack in the system. Ensure swirel and both than soft lossened. Avoid placing the device and attached connectors against an edge or sharp corner.

CMC does not specify an expiration date for hardware because the service life depends greatly on how and where it is used. The type of use, intensity of use, and environment of use are all factors in determining serviceability of the equipment. A single exceptional event can be cause for retirement after only one use, such as exposure to sharp edges, extreme temperatures, chemicals, or harsh environments.

A device must be withdrawn from service when:

- vice must be withdrawn from service when: Button fails to exand fully. Sheave or swivel does not rotate smoothly. It fails to bans inspection. It fails to bunction properly. It has ben downed markings. It shows signs of damage or excessive wear. It has been exposed to harsh chemical reagents or extreme environments. It has an unknown usage history. You have any doubt as to its condition or reliability. When it becomes howherd the to channes in lenislation standards techni
- When it becomes obsolete due to changes in legislation, standards, technique, or incompatibility with other equipment.

Withdrawn equipment shall not be used again until confirmed in writing by a competent person that it is acceptable to do so. If the product shall be retired, remove it from service and mark it accordingly or destroy it to prevent further use.

PRODUCT USE

All pulleys are designed to specific performance criteria. Be aware of load limitations, manner An pump sare designed to specific per ornance cherate be aware or load immators, intained of use, and proper technique. Do not overload a pulley. Pulleys can fail under improper use conditions such as loading with a side plate open or applying a bending, shear, or torsional load to the pulley. If you are not sure of proper application or technique, seek proper training in pulley use and technical rope work. See below for additional product-specific guidance.

Opening & Closing the Sideplate

- ting & Classing the Stelepize Opening the subgristic depress the button and rotate the sidepize counterclockwise (clockwise for the back side of the double sheave pulley). The sidepize is designed to stop at the button a second time to prevent accideral opening. To full open, depress the button again and rotate. Closing the sidepizer, totate the sidepize to the fully closed position. The button will be naturally depressed by the sidepize when its moved in this direction. Depressing the button manually may extend the lifespan of pulley components. Verify the button extends fully through the hole and test that the sidepize is when they locked and secure in the fully closed position. MANADATORY LOCKING FPROCEDURE: The sidepize must be closed and locked with the button flug extended, or stendy hull be grathy reduced, and there one may fail our which catastrophic results. Your must understand how the sidepize and locking button work, and must do the following every time you use it.
- results: Too must unless and now use suspace and locking building work, and must up the following every time you use it.

 Nisually confirm the sideplate is fully closed and the locking button is fully extended. The end of the button sitisk out from sideplate about 0.8° (2mm).
 Physically confirm the sideplate is locked by attempting to rotate it. Confirm that it is fully closed and does not move.

- Warnings
 Do not allow anything to contact the button in use.
 Do not use a double sheave pulley with only one sheave loaded.
 Regularly check that the sideplate is locked and the pulley is positioned properly. If the pulley cannot be kept in sight, use a conventional pulley.
 To prevent roll-out, use only locking carabiners. Do not allow ropes or objects to rub or twist the sleeve because this could uncolk. It Vibration can also unlock a sleeve. Sleeves must be locked to achieve full strength.
- .

- sleve because this could unlock it. Vibration can also unlock a sleve. Slevers must be locked to achieve full strength. When using a Prusik hich in conjunction with a pulley, care must be taken to prevent the Prusik hich from being pulled in between the side plates of the pulley. Keep sragping hazards away from device. Beware that rope traveling through this device can draw in hair. (Ingers, clothing, etc., causing injury and jamming the device. Do not let an object in between the sideplates and namming the device. Do not let an object in between the sideplates and never rig your system so that the pulley is forced agains to combining that could break or open the sideplate. Pulleys must be free to align with the load, any restraint is dangerous. Swivels are for correlation only. Not for high speed or multi-totations. Do not use aluminum sheave pulleys with wire rope or steel cable. Moistrue, ice, sait, and, snow, chemicals, and other factors can prevent proper operation or can greatly accelerate wear.

Use in Fall Arrest Systems

- se in Fall Arrest Systems The anchor point for the system should preferably be located above the user's position and should meet the requirements of the EN 795 standard (12 kM minimum strength). In a fall arrest system, it is essential to check the required clearance below the user before each use, to avoid hitting the ground or an obstacle in the event of a fall. Make sure the anchor point is correctly positioned to limit the risk and length of a fall. A full body harness is the only device allowable for supporting the body in a fall arrest system.
- Load Limits
- Limits Working Load Limit (WLL) is the maximum allowed force applied to the device. The user must evaluate the system to determine the maximum force applied to the device during its application CMC has marked the device with a WLL using at least a 4.1 Safety factor per recommendation of ASME B.30. The end user must decide, using industry best practice, if this Safety factor is appropriate for the scenario. I not, the Safety factor shall be adjusted. In a single pulse, half the load is one one side of the regue and half is on the other. The total load on the pulse just the loads on each of the two ropes. In a double pulse the total load is the sum of the loads on each of the two ropes. In a double pulse, the total load is the sum of the loads on each of the two ropes. In a double pulse, the total load is the sum of the loads on each of the two ropes. In a double pulse, the total load is the sum of the loads on each of the two ropes. In a double pulse, the total load is the sum of the loads on the state of the two ropes. In a double pulse, the total load is the sum of the loads on the the pulse.

MAINTENANCE & CARE

Carrying, Storage and Transport

During all use, carrying, storage and transport, protect the equipment from sharp edges, flame, extreme temperatures, rust, strong chemicals, and mechanical damage. Clean equip-ment using clean fresh water to remove any dust or debris. Do not use a pressure washer for cleaning. If the equipment gets wet, remove excess moisture with a non-abrasive cloth The relation of the equipment gets well, enrove excess missule with a non-ablastic built and allow to air dry at temperatures between 10° c and 30°. C Do not use an automatic dyer, tumble dyer, or direct heat. During storage and transport, protect the equipment from heat, direct sunlight, moisture, chemicals, oils, and external loads or impacts. Do not store where the equipment may be exposed to moist air.

Warranty & Repairs

If your CMC product has a defect due to workmanship or materials, please contact CMC Cus-tomer Support at info@cmcpro.com for warranty information and service. CMC's warranty does not cover damages caused by improper care, improper use, alterations and modifications, accidental damage or the natural breakdown of material over extended use and time. The equipment should not be modified in any way or altered to allow attachment of additional parts without the manufacturer's written recommendation. If original components are modified or removed from the product, its safety aspects may be restricted. All repair work shall be performed by the manufacturer. All other work or modifications void the warranty and releases CMC and Rock Exotica from all liability and responsibility.

EQUIPMENT RECORDS

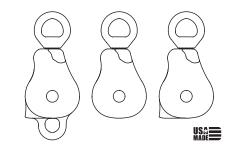
Record the results of your detailed periodic inspection using the sample table provided in this section. Revent information includes: type, model, manufacturer contact info, serial number or individual number, problems, comments, inspector's name and signature, and key dates including manufacture, purchase, first use, and next periodic inspection. If equipment fails inspection, it should be withdrawn from service and marked accordingly or destroyed to prevent further use.

Declaration of Conformity

CMC Rescue, Inc. declares that this article is in conformity with the essential requirements and the relevant provisions of EU regulations. The Declaration of Conformity can be downloaded at the following website: cmcpro.com

X CMC

PROSWIVEL[™] PULLEYS



A WARNINGS

Activities involving the use of this device are potentially dangerous. You are responsible for your own actions and decisions. Before using this device, you must: Read and understand these user instructions, labels, and warnings. Familiarize yourself with its capabilities and limitations.

- Obtain specific training in its proper use. Understand and accept the risks involved.

FAILURE TO HEED ANY OF THESE WARNINGS MAY RESULT IN SEVERE INJURY OR DEATH.

Find the latest version and translations of this manual at cmcpro.com



MEETS THE PULLEY REQUIREMENTS OF NFPA 1983, INCORPORATED IN THE 2022 EDITION OF NFPA 2500.

UK

CA 0120

- 300430-03 1.5" PMP SS SINGLE SWIVEL PULLEY, GENERAL USE (G) MBS 36 KN (8,093 LBF)
 300431-02 1.5" SINGLE SWIVEL PULLEY, GENERAL USE (G) MBS 36 KN (8,093 LBF)
 300432-03 1.5" DOUBLE SWIVEL PULLEY, GENERAL USE (G) MBS 36 KN (8,093 LBF)
 300433-01 1.1" DOUBLE SWIVEL PULLEY, TECHNICAL USE (T) MBS 22 KN (4,946 LBF)
 300436-03 2.6" PMP SINGLE SWIVEL PULLEY, GENERAL USE (G) MBS 70 KN (15,737 LBF)
 300436-03 2.0" PMP SINGLE SWIVEL PULLEY, GENERAL USE (G) MBS 36 KN (8,093 LBF)
 300437-02 2.0" PMP SINGLE SWIVEL PULLEY, GENERAL USE (G) MBS 36 KN (8,093 LBF)
 300438-02 2.0" PMP SINGLE SWIVEL PULLEY, GENERAL USE (G) MBS 36 KN (8,093 LBF)
 300438-02 2.0" PMP DOUBLE SWIVEL PULLEY, GENERAL USE (G) MBS 36 KN (8,093 LBF)

CE0598 EN12278:2007

version and translations

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cmcpro.com

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CMC Control No.: 30043X-03IN01 Rev00

Goleta, CA 93117, USA

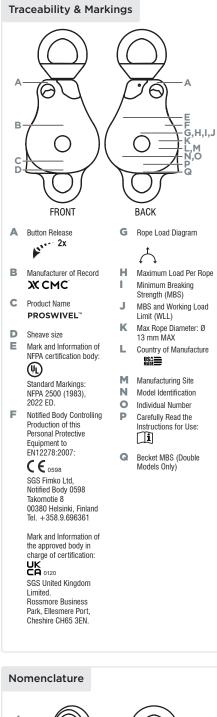
805-562-9120 / 800-235-5741

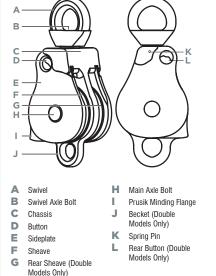
Scan for the latest

of this manual.

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CMC Rescue Inc.

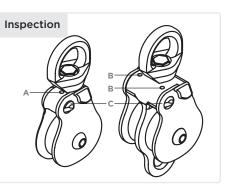




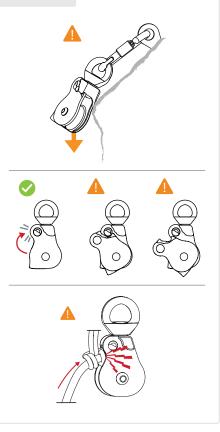
		DIMENSION								STRENGTH							
				Max Rope Diameter		18		30				↓ MBS		↓ ₩LL		Certification	
PRODUCT DESCRIPTION	ITEM#	mm	in	mm	in	mm	in	mm	in	g	lb	kN	lbf	kN	lbf	NFPA	EN
1.1" PMP Single Swivel Pulley	300434	28	1.1	13	0.5	107	4.2	51	2.0	147	.325	22	4,946	5	1,124	NFPA 2500 (T)	EN 12278 UKCA
1.1" PMP Double Swivel Pulley	300433	28	1.1	13	0.5	127	5.0	51	2.0	249	.550	22	4,946	5	1,124	NFPA 2500 (T)	
1.5" PMP SS Single Swivel Pulley	300430	38	1.5	13	0.5	148	5.8	76	3.0	329	.725	36	8,093	8	1,798	NFPA 2500 (G)	
1.5" Single Swivel Pulley	300431	38	1.5	13	0.5	135	5.3	63	2.5	261	.575	36	8,093	8	1,798	NFPA 2500 (G)	EN 12278 UKCA
1.5" Double Swivel Pulley	300432	38	1.5	13	0.5	163	6.4	63	2.5	417	.920	36	8,093	8	1,798	NFPA 2500 (G)	EN 12278 UKCA
2.0" PMP Single Swivel Pulley	300437	51	2.0	13	0.5	148	5.8	76	3.0	349	.770	36	8,093	8	1,798	NFPA 2500 (G)	EN 12278 UKCA
2.0" PMP Double Swivel Pulley	300438	51	2.0	13	0.5	180	7.0	76	3.0	585	1.290	36	8,093	8	1,798	NFPA 2500 (G)	EN 12278 UKCA
2.6" PMP Single Swivel Pulley	300436	66	2.6	13	0.5	191	7.5	92	3.6	844	1.860	70	15,737	16	4,496	NFPA 2500 (G)	EN 12278 UKCA

Legend





Product Use



Equipment Record Table

CMC RESCUE, INC 6740 Cortona Drive Goleta, CA 93117 USA
Tel: 800-235-5741 / 805-562-9120 Fax: 800-235-8951 / 805-562-9870 Email: info@cmcpro.com Web: cmcpro.com

Periodic Inspection Checklist

Check Date	Notes/ Results	Inspector Name & Signature	Date of Next Check

Manufacturer of Record CMC Rescue, Inc. 6740 Cortona Drive Goleta, CA 93117, USA Manufacturing Site

Rock Exotica LLC POB 160470 Freeport Center, E-16 Clearfield, UT 84016, USA

Notified Body conducting the EU type examination:

SGS Fimko Oy – Notified Body 0598 Takomotie 8 Helsinki, 00380 Finland

Notified body controlling the manufacturing of this PPE: SGS Fimko Oy – Notified Body 0598 Takomotie 8 Helsinki, 00380, Finland

Approved body controlling the manufacturing of this PPE:

SGS United Kingdom Limited – Notified Body 0120 Rossmore Business Park, Ellesmere

Port, Cheshire CH65 3EN *Applicable Products Only

Declaration of Conformity CMC Rescue, Inc. declares that this

article is in conformity with the essential requirements and the relevant provisions of EU regulations. The Declaration of Conformity can be downloaded at the following website: cmcpro.com