



## WARNING

YOU COULD BE KILLED OR SERIOUSLY INJURED IF YOU DO NOT READ AND UNDERSTAND THE USER INSTRUCTION BEFORE USING THIS PIECE OF EQUIPMENT.

SPECIAL TRAINING AND KNOWLEDGE ARE REQUIRED TO USE THIS EQUIPMENT.

YOU MUST THOROUGHLY READ AND UNDERSTAND ALL MANUFACTURER'S INSTRUCTIONS BEFORE USE.

USE AND INSPECT THIS EQUIPMENT ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS.

THIS SHEET HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 2500.



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

## ADDITIONAL INFORMATION

Additional information regarding pulleys can be found in the following publications:

NFPA 1858 and NFPA 1983, *incorporated in the 2022 edition of NFPA 2500*

NFPA 1500

## BEFORE USE

The techniques employed in the proper and safe use of this equipment may only be learned through PERSONAL instruction received from an instructor who is well-qualified in all phases of vertical rope work. Such instruction will include an evaluation of your comprehension of, and ability to perform, the tasks required to safely and efficiently use this equipment.

Never attempt its use until you have received such instruction and are believed competent by your instructor.

## INSPECTION FOR USE

Visually and by touch, inspect this pulley for cracks, distortion, corrosion, scratches or gouges, sharp edges or rough areas that might abrade a rope, normal rotation of the aluminum sheave(s), movable side plate(s) and check screws/ nuts to make sure they have not loosened. Compare this pulley with a new model if necessary to determine its condition. Remove it from service if there is any doubt about its safety or serviceability.

## SUGGESTED ROPE USE

The pulleys were designed to be used with specific rope diameters in conjunction with related prusiks, if applicable, as follows:

Pulley	Rope	Prusik	Rating
Swiftwater	up to 12.5mm	7 to 9mm	T
Micro PMP Single/ Double	up to 12.5mm	6 to 8mm	T
RA/ SMC 2" Single/ Double	up to 12.5mm	N/A	T
2" PMP Single/ Double	11 to 13 mm	7 to 9mm	G
3" PMP Single/ Double	11 to 13 mm	7 to 9mm	G
RA/ SMC 3" Single	up to 16mm	N/A	G
KOOTENAY HX KPP	up to 16mm	N/A	G

(Not suitable for cable or wire rope)

## MAINTENANCE AFTER USE

Carefully clean with clear water (no soap) and dry this pulley to remove all dirt, foreign material and moisture. Minor sharp edges may be smoothed with a fine abrasive cloth, before cleaning. No lubrication is required. Do Not Disassemble. Store in a clean, dry place. Repair the pulley only in accordance with the manufacturer's instructions.

## REMOVAL FROM SERVICE

If the pulley has been dropped, impact loaded, disassembled, exposed to heat sufficient to alter its surface appearance, any part appears deformed, cracked, or gouged of more than a superficial nature, this pulley should be removed from service or returned to the manufacturer. The cost for the manufacturer to inspect and repair a pulley will likely exceed the cost of its replacement with a new model.

## RECORDS

It is suggested that the user of this pulley keep a permanent record listing the date and results of each usage inspection. Such record should show, as a minimum, inspection for all of the following conditions:

- Cleanliness
- Dryness
- Freedom from scratches, gouges and sharp edges
- Freedom from corrosion
- Freedom from distortion
- Proper sheave rotation
- Proper side plate rotation
- Axle nuts and/or screws properly tightened
- User Information sheet present

## USE OF THIS USER INSTRUCTION SHEET

It is suggested that this User Instruction sheet be retained in a permanent record after it is separated from the pulley, and that a copy of it be kept with the pulley.

It is suggested that the user refer to this User Instruction sheet before and after each use of the pulley.

## LIFESPAN

The service life of pulleys is largely dependent on the type of use and the environment used in. Under moderate use, with limited exposure to moisture, salt water, corrosive agents, excessive loads, shock loading and excessive wear, pulleys may last many years. However, many events such as taking a large dynamic load, dropping, or other events which cause physical damage, can reduce the lifespan of this pulley dramatically. Using soap to clean the pulley may reduce the life of bearings and bushings.

You must inspect your pulley frequently and take personal responsibility for evaluating its condition and retiring unsafe gear. Inspection is extremely important, but visual inspection only will not assure that damage has not occurred. If history of the pulley is unknown or if based on the history of the use of this pulley there is any doubt regarding the safety of this pulley, it should be removed from service. You should destroy retired gear to prevent future use.

## LIMITED WARRANTY

SMC products are warranted to the original retail purchaser in accordance with the full Statement of Limited Warranty printed on our web site: [www.smcgear.com](http://www.smcgear.com). Items that are claimed to be defective must be returned under a pre-assigned Return Authorization/CC

Number and should include a detailed description of the conditions existing during use of the item, the place and date of the original purchase as well as a copy of the original invoice or receipt. Items being sent in for inspection may or may not be returned if the product in question is deemed potentially unsafe or non-functional.

## KOOTENAY SUPPLEMENTAL INFORMATION

The Kootenay HX KPP can be used as a High-line or Knot Passing Pulley when the pins are removed. With the lock off pins installed this pulley is designed to be used as a high strength tie off. The pulley was designed to be used with up to 16mm rope.

If you do not completely understand any of the outlined user instruction provided on this sheet or if you have any questions please contact SMC at 360-366-5534 or [info@smcgear.com](mailto:info@smcgear.com)

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Information for your permanent records:

Date of Purchase: \_\_\_\_\_

Purchased From: \_\_\_\_\_

Part Number: \_\_\_\_\_

 User Instructions



Quality Gear for Life

## PULLEY



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

Made in the USA by

Seattle Manufacturing Corporation  
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