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These instructions are provided to the user by the manufacturer and should be saved for future reference.



Features

- 304 Stainless Steel side plates w/ 5/8" lock off bolt incloses the 4" sheave keeps out contaminants & protects the user from an open wheel design.
- Heat Treated Aluminum 4" Sheave
- The 4" sheave can be rotated 180 Degrees to extend service life.
- It can be used as a free spinning pulley with an oil impregnated bushing to allow free spinning.
- D Shaped Tiggling Hole accepts (2) Carabinners .690 web thickness around it's perimeter yields 17,500 lb. test.
- The Main Frame, Backup Shield, and axle are manufactured out of 304 steel and are time tested, proven with outstanding durability and structural design for 25 years.
- The Robertson 5050 is a fully rebuild able platform highly recommended for commercial applications.

Qualifications

Minimum 3 Sigma breaking strength of not less than 36 kN (8093.16) €

Product- 5051
 Description- Shear Reduction
 Third party rated tested
 3-Sigma 3σ 50kN (11,240 lb.) SWL (€)⁵ @ 5,500 lb.

Requirements

- NFPA 1983 7.6.5.4 the trolley must be capable of sustaining a 8,093 lb. (36kN) static load or twice the maximum arrest force permitted on the system when certified.
- Inspect pulley after each use in accordance with Manufacturers criteria.
- A cursory inspection by a trained person is essential before each use of the pulley.
- Robertson Harness recommends an annual examination of general condition and function be carried out and recorded by a qualified inspector.

WARNING

- Serious injury death may result from misusing or improper use of this equipment.
- This equipment has been designed and manufactured for use by experienced professionals only.
- Do not attempt to use this equipment without proper training.
- Do not alter this equipment in any way.
- Do not use this equipment for anything designed to create a free fall of more than six.

Robertson Harness Inc.

Proudly Made In The USA



Shear Reduction Device
Typhoon

5050

Tested to 16,500 lbs
 73 kN



Inspection

- Inspect pulley for visible signs that show damage to the trolley: Cracks on the side plates, heavy dents, or elongation of the clip in point.
- Inspect the sheaves for rust, pits, and grooving.
- Inspect the nuts on the axles assemblies for tightness.
- Inspect the trolley for damage if dropped or impact loaded.
- Ensure the sheaves spin freely and do not rub or grind against the pulley housing.
- Remove immediately and destroy if the equipment has been dropped from excessive heights.

Users and Operators need to maintain a log of identifying the history record of the equipment.
Sample Maintenance and Inspection Log

Product Record Card			
Product Type:			
ID /Serial #:			
Purchase Date:		Date of 1st Use:	
Date Inspected	Pass/Fail	Comments	Signature

Maintenance

- Protect and store the equipment away from extreme heat or extreme cold.
- Pulley should never be exposed to temperatures above 130° F (54° Celsius) or below -80° F. (Above 62° Celsius).
- Pulley's need to be clean and free from debris before storage.
- If necessary clean pulley with soap and water.
- Pulley needs to be completely dried off before storage.
- Pulley needs to be stored and maintained daily. Do not leave pulley outside on the system to endure mother nature! The sheaves are not stainless steel.
- Repairs or modifications made by anyone other than Robertson Harness Inc. will void all warranties and liability.**