

Wire Rope Tensioning Device

PFEIFER DRAKO

ASSEMBLY

- A) Attach „Spreader“ to „Chrome Tube“ approximately 8 inches from Hook Clamp securely.
- B) Attach „Spring Balance“ to „Chrome Tube“ approximately 18 inches below „Spreader“ previously attached. Clamp securely.
- C) Hook, Spreader and Spring Balance should all be facing in the same direction.

APPLICATION

1. After Hoist Ropes have been installed, take fully assembled device and loop Hook around one of the Hoist Ropes. Do this approximately 3 feet or more above counterweight fittings.
2. Lean Spreader against rope.
3. Adjust Spring Balance so stretch is required and attach Hook to Hoist Rope.
4. Take readings. Preferred range for proper tensioning is between 12 and 14 kg. Tighten ropes to achieve this reading.
5. Repeat procedures 1-4 two more times, once below deflection sheave and once above car top fittings.

NOTE:

Readings should be between 12 and 14 KG per rope. At NO TIME should the variance between ropes exceed 2 KG, e.g

Rope 1 13KG	Rope 1 is within a +/- 1 KG
Rope 2 12KG	Rope 2 is 3 KG vs. rope 3
Rope 3 15KG	Rope 3 is 3 KG vs. rope 2
Rope 4 11KG	Rope 4 is 4 KG vs. rope 3
Rope 5 14KG	Rope 5 is 3 KG vs. rope 4

Solution – Retension rope 3 to a max. 14 KG reading.
Retension rope 4 to a min. 12 KG reading.

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