

Test Facilities Wire Sheave

In-house full scale static test facilities for wire sheave.

Full scale testing of wire sheaves with bolt loads up to 600 metric tons. Reduce risks, and increase knowledge of the sheaves behaviour during low, standard and extreme static loading conditions. A compression test facility capable of loads up to 300 metric tons is also available.

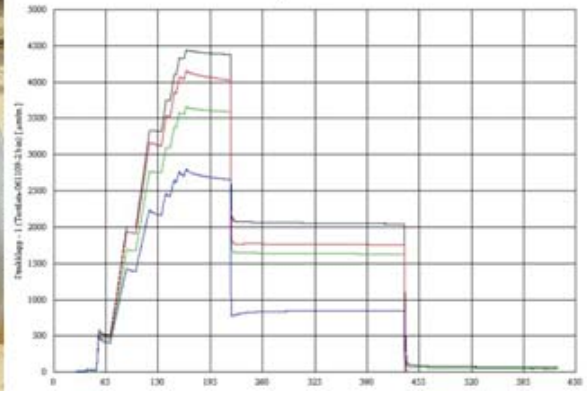
Full Scale Static Test Facilities

- Loading capacity up to 600 metric tons on the bolt
- Side loading up to 11° possible
- Dimensions
 - Sheave diameter up to 2400mm
 - Bolt diameter up to 250mm
 - Sheave width max 280mm
- Wire rope wrap angle on sheave dependent on sheave diameter

Sheave diameter	WCAC [°]
2400mm	~180
1800mm	~160
1600mm	~150
1100mm	~135

- Data logging
 - Real time Force & Stress
 - Real time Strain measurements
 - Up to 16 different locations simultaneously
 - Additional real time measurements like temperature, displacement etc. is also available.
- Standard Test Report available at request





Compression test facility

- Compression test capacity up to 300 metric tons
- Specimen dimensions:

	Max [mm]
Length	1000
Width	300
Height	300

- Data logging
 - Real time Force & Stress
 - Real time Strain measurements
 - 4-8 different locations simultaneously depending on specimen
 - Extra real time measurements like temperature, displacement etc is also available.
- Standard Test Report available at request
- Compression fatigue testing available at special request



Further Information

You can obtain further information (data sheets, instructions etc.) via our internet address www.uac.no

Specifications and dimensions given in this leaflet represents the state of engineering at the time of printing. Modification may take place and materials specified may be replaced without prior notice.

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