

## PRODUCT SPECIFICATION

# SWH-B: 10T, DNV

Sheave, Single Control Line, Flatpacks & Umbilicals

### PRODUCT DESCRIPTION

The Sheave is a device that hangs as high as possible in the derrick and serves as a guide to allow capillary tubes or TEC (Tubing Encapsulated Conductor) to efficiently be installed or removed from the completion pipe string.

Proper Sheave placement in the derrick is essential to minimize the control line approach angle in relation to the completion string. The smaller the approach angle allows the employee to attach control lines to the completion string with less chance of damaging the control lines.

### BENEFITS & APPLICATIONS

- The Sheave is DNV 2.22 certified and contains six-rollers to provide a 35" radius.
- The sheave has guide pins and rollers incorporated along the outer radius to prevent tubes from coming out of the sheave if there is slack in the line.
- A side load entry point is designed in the upper section to allow control lines to be installed or removed without having to pass the end of the line through the roller assembly.
- The roller wheels are profiled to prevent the tubes from getting stuck between the rollers and roller axles.
- To facilitate installation of sheaves in the derrick, the sheave is hung on a spreader bar (optional). All sheaves are attached to the spreader bar with shackles which have safety slings for backup fall protection.
- A shipping cradle is provided for multiple sheave shipping. Three and four sheave assemblies available.

### GENERAL SPECIFICATIONS

Working Load Capacity	10 Tons
Dimensions	32"H x 43"L x 9.5"W
Radius	35"
Weight	125 lbs
Sheave	DNV 2.22
Sheave Body Material	A-572 Gr. 50
Tested at	2.0 WLL
Roller Bushings Material	17-4
Roller Material	Nylatron



**BlueFin**  
A GATE Energy Company

© 2021 BlueFin. All rights reserved. Sales of BlueFin products and services will be in accord solely with the terms and conditions contained in the contract between BlueFin and the customer.

[www.bluefin.energy](http://www.bluefin.energy)