

## PRODUCT SPECIFICATION

# SWH-D

Sheave, Single Control Line

### 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 designed with six-rollers to provide a 31" 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.
- The roller wheels are profiled to prevent the tubes from getting stuck between the rollers and roller axles.
- The sheave is rated for a working load capacity of 8,500 lbs and the hoist ring has a five to one safety factor.
- To facilitate installation of sheaves in the derrick, the sheave is hung on a spreader bar (optional) that can accommodate up to four sheaves.
- All sheaves are attached to the spreader bar with shackles which have safety slings for backup fall protection.



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### GENERAL SPECIFICATIONS

Working Load Capacity	8,500 lbs
Dimensions	25"H x 36"L x 3"W
Radius	31"
Weight	45.75 lbs
Sheave Body Material	6061 T6 Aluminum Side Plates
Tested at	2.0 WLL
Roller Bushings Material	17-4
Roller Material	Nylatron

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