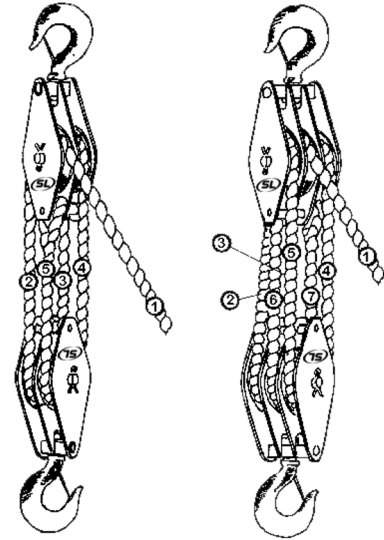


! WARNING

LOAD RATINGS STATED ON ALL **SuperLift** SHEAVE BLOCKS ARE APPLICABLE TO NEW OR AS NEW PRODUCTS ONLY AND APPLY TO THE MAXIMUM LOAD WHICH MAY BE SUPPORTED BY THE HEAD FITTING, UNDER USUAL ENVIRONMENTAL CONDITIONS, SHOCK LOADINGS MUST BE TAKEN INTO ACCOUNT WHEN SELECTING SHEAVE BLOCKS. AS THESE LOADS ARE MUCH GREATER THAN STATIC LOADS. THE WORKING LOAD LIMIT (W.L.L.) OR SAFETY FACTOR ON ALL **SuperLift** PRODUCTS MAY BE AFFECTED BY WEAR, MISUSE, OVERLOADING, DEFORMATION, CORROSION OR OTHER CONDITIONS, REGULAR INSPECTION MUST BE CARRIED OUT TO DETERMINE WHETHER USE CAN BE CONTINUED OR THE PRODUCT WITHDRAWN FROM SERVICE, **SuperLift** SHEAVE BLOCKS SHOULD BE RIGGED BY EXPERIENCED TRAINED PERSONNEL FAMILIAR WITH TACKLE SYSTEMS.



Spare parts are available from **SuperLift** or authorized resellers
USE ONLY GENUINE SUPERLIFT SPARE PARTS

- **WORKING LOAD LIMIT** - The maximum load or force the product is authorized to support in a particular service.
- **PROOF LOAD** - The average force to which a product may be subjected to before deformation occurs.
- **SHOCK LOAD** - A force that results from the rapid acceleration of a static load e.g.; jerking, these loads add significantly to the static load.
- **STATIC LOAD** - A constantly applied force or load.
- **IMPROPER:** Use of this product could result in death or serious injury to avoid this -
- **NEVER:** Exceed working load limit
- **NEVER:** Hoist loads over or near people
- **NEVER:** Work under or near hoisted loads
- **ALWAYS:** Operate, inspect and maintain this equipment in accordance with all relevant safety standards.

REEVING OF SHEAVE BLOCKS

When reeving a pair of sheave blocks one of which has more than two sheaves the lead line should come off one of the centre sheaves of the upper block to prevent toppling of the upper block and possible damage to the rope. Always start reeving from the becket and avoid chaffing the rope on the side plates, when you have completed reeving, the bottom block must be at right angles to the top block as in Fig. 1.

The upper block has a greater hook load due to the pull on the lead rope.

The sheaves in these blocks revolve at different speeds, those nearest the lead line rotate at the highest speed therefore wear out faster. For applications, which require heavy lifting or high-speed operation, bronze bushes or roller bearings should be specified when ordering.

LOADS ON SHEAVE BLOCKS

A single sheave block used to change load line direction can be subjected to total loads greatly different from the weight being lifted or pulled. The total load value varies with the angle of wrap between the incoming and departing lines to the block. In the following chart multiply the factor by the line pull to obtain the total load on the block as in Fig. 2.

ANGLE deg.	FACTOR	ANGLE deg.	FACTOR	ANGLE deg.	FACTOR	ANGLE deg.	FACTOR
0	2.00	45	1.84	90	1.41	140	.68
10	1.99	50	1.81	100	1.29	150	.52
20	1.97	60	1.73	110	1.15	160	.30
30	1.93	70	1.64	120	1.00	170	.17
40	1.87	80	1.53	130	.84	180	.00

