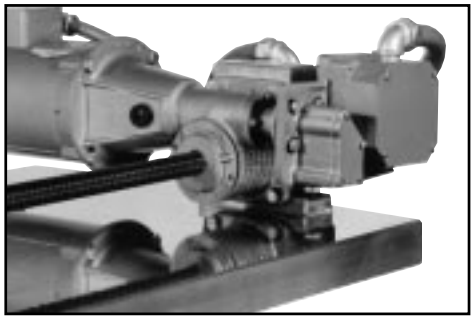
ROTARY LIMIT SWITCHES

Kits Include:

Limit Switches in NEMA 4 Housing
Mounting Adaptor
Mounting Screws
Coupling Pin

Note: Input shaft must be drilled per engineering print 89767.



The limit switch easily mounts onto either input shaft & counts the revolutions to allow accurate positioning.

Specifications

- Limit Switches are available in three series: #360, #1440, and #4320.
- The series numbers relate to the maximum allowable input revolutions for each limit switch.
- You must calculate the input revolutions for your application and choose a limit switch that has the next higher capacity than required.
- Input revolutions to the limit switch equal the input revolutions to the Uni-Lift for the required load screw travel in one direction.

Sizing

To calculate the required number of revolutions, utilize the following formula:

R = TPI x Rise

TPI - Turns of the input shaft for 1 inch of rise.
Rise - one way travel.

Example:
20 ton jack, 8:1 ratio, 72 inches of rise, TPI = 16

16 x 72 = 1152 turns

1152 turns is less than 1440, therefore, select a #1440 series limit switch.

ACTUATOR SIZE (TON)	A (in.)
1*	3.303
2 & 2.5	3.303
5	3.272
10 & 15	3.273
20-25-30	3.368

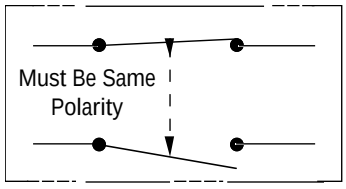
NOTE: Contact factory when using Limit Switches on short travel applicatons, i.e., less than 3 inches.

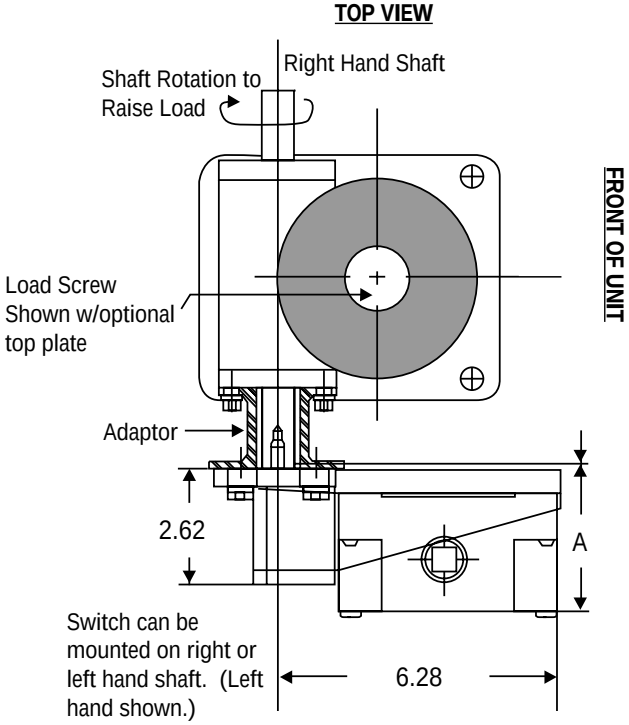
* Only available with the B1 and J1 actuator.

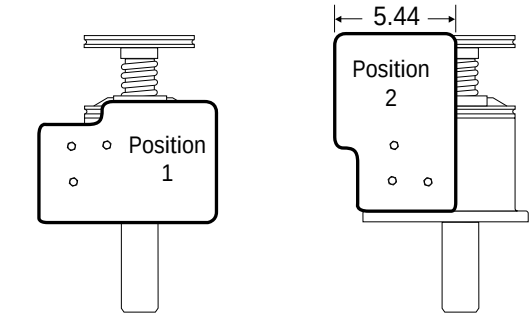
SPDT Switches Rating

115 VAC	15 AMPS
230 VAC	10 AMPS

Typical S.P.D.T. Switch Wiring Diagram







Switch can easily be mounted in any one of these positions.