



## Spring Cable Reel Application Questionnaire

### Contact Information

Date:	Phone:
Name:	Company:
Email:	Notes:

### General Equipment Information

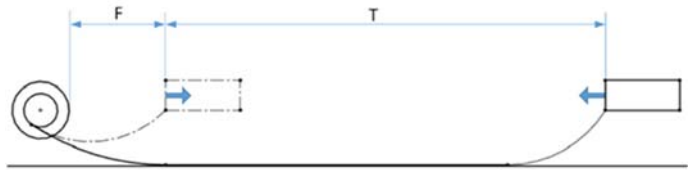
What is the equipment? \_\_\_\_\_

How will the reel be used? (Select one)

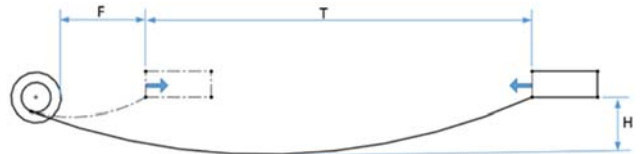
Lift (cable reels are NOT lifting devices)



Drag

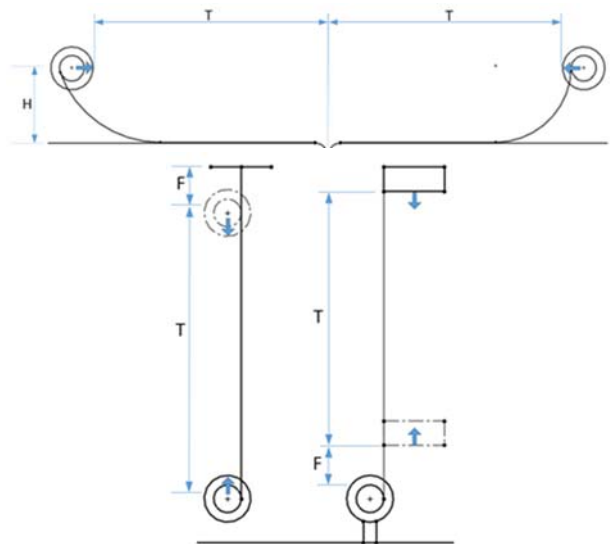


Sag



Other (Sketch Application)

Retrieve



Will the cable run through pulleys/rollers/sheaves? \_\_\_\_\_



**Electrical Requirements**

Ampacity required per conductor: \_\_\_\_\_ Amps  
 Operating voltage of equipment: \_\_\_\_\_ Volts  
 Allowable voltage drop in % of voltage required: \_\_\_\_\_ %  
 Number of conductors needed, including ground: \_\_\_\_\_ Conductors

Are there any special requirements for electrical cable? (standard type is SOOW or similar)

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**Environmental Requirements**

Ambient temperature range: \_\_\_\_\_ °C / °F      Enclosure Requirement: (standard is IP55)  
 Indoor       NEMA \_\_\_\_\_  
 Outdoor       IP \_\_\_\_\_  
 Chemical/dust/oil/gas/corrosive  
 Other: \_\_\_\_\_

**Cable Reel Application Requirements**

Travel speed of equipment:  
 \_\_\_\_\_ speed (ft/min)

Time it takes to reach travel speed or acceleration:  
 \_\_\_\_\_ seconds it takes to reach travel speed (sec), OR \_\_\_\_\_ acceleration of equipment (ft/sec<sup>2</sup>)

Cable movements per hour: \_\_\_\_\_  
 Operating hours per day: \_\_\_\_\_

**Mounting requirements:**

- Rigid Pedestal
- Swivel Ceiling
- Swivel Wall
- None

**Accessories:**

- Roller Cable Guide
- Ratchet
- Pendant \_\_\_\_\_
- Other Device Hung from Reel \_\_\_\_\_ weight (lb.)

Payout direction when looking at the slip ring cover (standard is counter clockwise): \_\_\_\_\_  
 Feeder cable length (standard is 5ft): \_\_\_\_\_ feet  
 Fixed or Inactive length (this could also be hook-up slack): \_\_\_\_\_ feet  
 Travel distance: \_\_\_\_\_ feet

**For Sag Applications Only**

Calculations for allowable sag of cable (see illustrations above)  
 $H(\text{in}) / (T + F) (\text{ft}) =$  \_\_\_\_\_ % (standard is 10%), OR  
 $H =$  \_\_\_\_\_ inches

**Horizontal Retrieving Applications Only**

Mounting height of reel:  
 $H =$  \_\_\_\_\_ feet