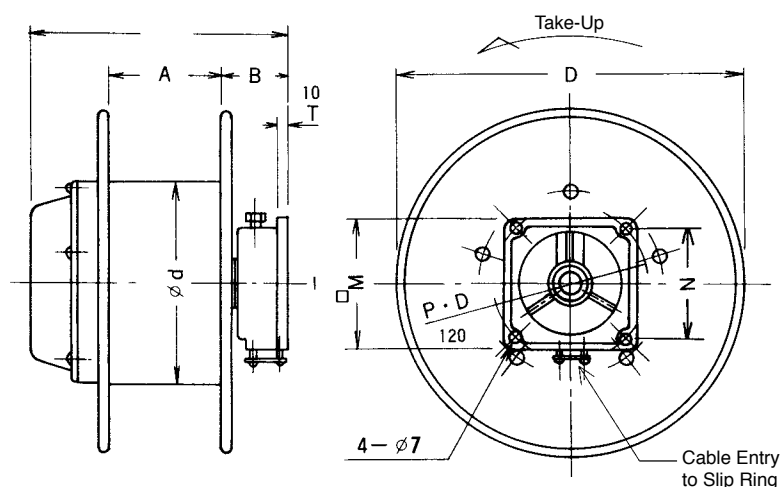
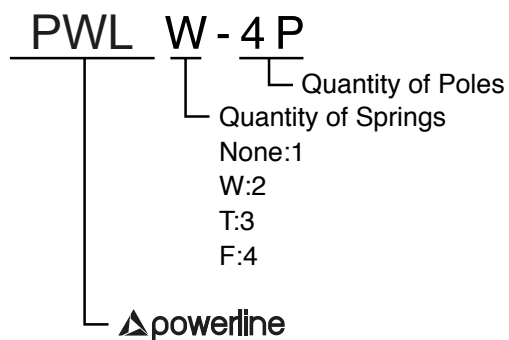


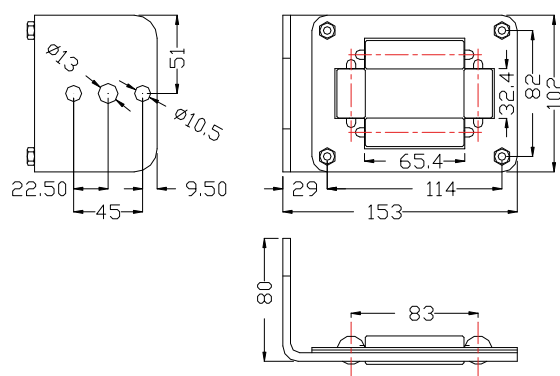
# Part1 Spring Cable Reel

## Definition of Our Type

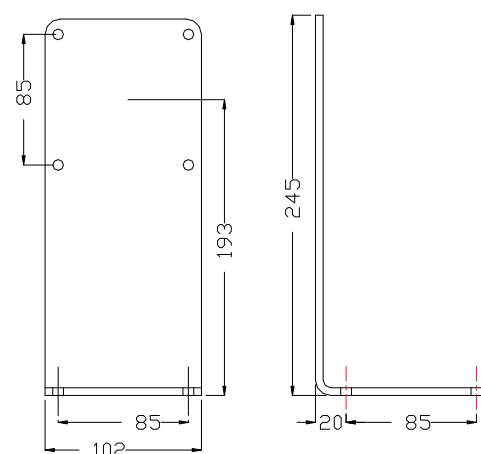
### ●PWLS1、PWLS11



### ●Sheave Guide Chart



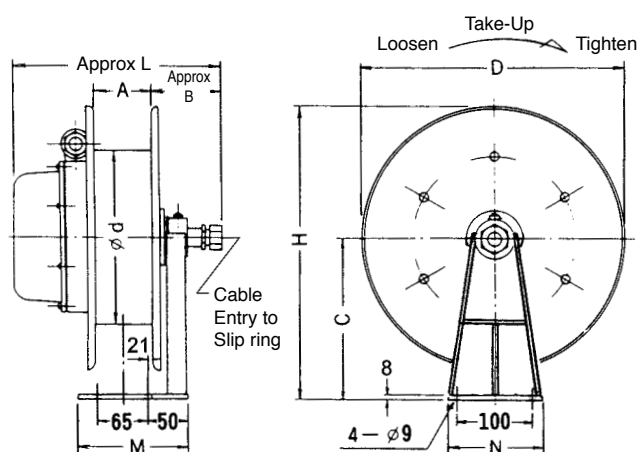
### ●Bracket Chart



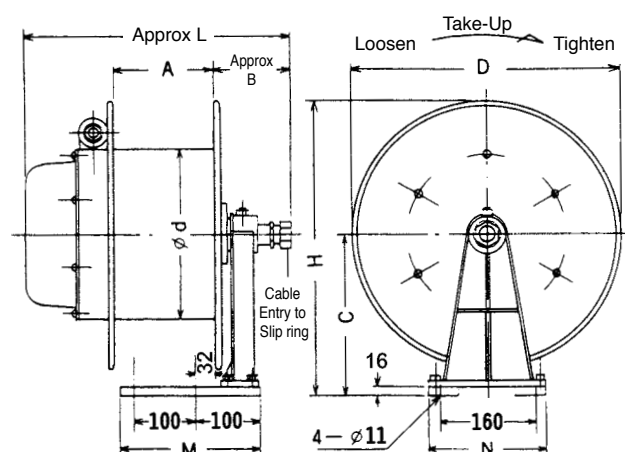
## Specification and Dimension

| Type    | Max Length<br>(horizontally furl) | Maximum |       | Reel Dimension |     |     |     |     |     |     |     |     | Weight<br>(kg) |
|---------|-----------------------------------|---------|-------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|----------------|
|         |                                   | Amps    | Poles | A              | B   | C   | D   | d   | H   | L   | M   | N   |                |
| PWL1    | 2X3 10M                           | 15A     | 8P    | 93             | 55  | 195 | 290 | 160 | 340 | 195 | 105 | 85  | 8              |
| PWL11   | 2X3 13M                           | 15A     | 8P    | 90             | 60  | 195 | 320 | 200 | 355 | 205 | 110 | 85  | 10             |
| PWL2W   | 3.5X3 18M                         | 30A     | 12P   | 110            | 85  | 225 | 400 | 230 | 425 | 310 | 145 | 125 | 14             |
| PWL216W | 5.5X3 16M                         | 30A     | 12P   | 110            | 85  | 225 | 400 | 230 | 425 | 310 | 145 | 125 | 16             |
| PWL3W   | 3.5X3 25M                         | 30A     | 12P   | 110            | 85  | 275 | 500 | 230 | 525 | 310 | 145 | 125 | 18             |
| PWL4W   | 5.5X3 18M                         | 40A     | 16P   | 90             | 120 | 195 | 500 | 285 | 545 | 368 | 235 | 195 | 32             |
| PWL4T   | 5.5X3 27M                         | 40A     | 16P   | 168            | 120 | 380 | 650 | 285 | 705 | 438 | 235 | 195 | 41             |
| PWL4F   | 5.5X3 38M                         | 40A     | 16P   | 168            | 120 | 380 | 650 | 285 | 705 | 438 | 235 | 195 | 45             |
| PWL4F20 | 14X3 22M                          | 40A     | 4P    | 168            | 120 | 380 | 650 | 285 | 705 | 438 | 235 | 195 | 46             |
| PWL5T   | 8X3 36M                           | 40A     | 16P   | 160            | 130 | 380 | 650 | 353 | 705 | 450 | 235 | 245 | 68             |
| PWL5T20 | 14X3 26M                          | 60A     | 4P    | 160            | 130 | 380 | 650 | 353 | 705 | 450 | 235 | 245 | 75             |
| PWL5F   | 8X3 48M                           | 40A     | 16P   | 160            | 130 | 380 | 650 | 353 | 705 | 450 | 235 | 245 | 72             |
| PWL6F   | 14X3 56M                          | 60A     | 4P    | 205            | 160 | 440 | 750 | 440 | 815 | 500 | 300 | 260 | 110            |

## ● PWLS2W 、PWLS3W



## ● PWLS4F 、PWLS4W 、PWLS5F PWLS5T 、PWLS6T



## How to Choose Your Type

1. Cable's diameter should be under flange's .
2. Cable weight (per meter) × Length < Maximum Reel Torque  
Ex: 3.5mm/4C as Cable Dim shows 0.41 kg/m, 10m×0.41 kg/m = 4.1kg < (7kg)  
Cross-refer the Specification (P.5) find the Choice is PWL216W.

| Type    | Cable Entry Flange Dim.<br>mm | Annulus | Max Winding Force<br>F (kgf) | Max Torque<br>kgf*m |
|---------|-------------------------------|---------|------------------------------|---------------------|
| PWL 1   | 14                            | 15      | 2                            | 0.2                 |
| PWL 11  | 13                            | 13      | 3                            | 0.3                 |
| PWL2W   | 13                            | 22      | 3.5                          | 0.4                 |
| PWL216W | 16                            | 20      | 7                            | 0.8                 |
| PWL3W   | 13                            | 35      | 3.5                          | 0.4                 |
| PWL4W   | 22                            | 25      | 7.5                          | 1.06                |
| PWL4T   | 22                            | 37      | 7.5                          | 1.06                |
| PWL4F   | 22                            | 50      | 7.5                          | 1.06                |
| PWL4F20 | 22                            | 26      | 17                           | 2.42                |
| PWL5T   | 26                            | 37      | 10                           | 1.76                |
| PWL5T20 | 26                            | 30      | 17                           | 3.0                 |
| PWL5F   | 26                            | 50      | 10                           | 1.76                |
| PWL6F   | 33                            | 60      | 24                           | 5.28                |

**Reel mounted on the moving equipment will be an effort-saving way.**