



AERO-MOTIVE®

CABLE REELS

Aero-Motive: Mobile connectivity solutions for a full range of industrial applications

Get the power to perform with the most advanced cable reels in the industry. Made with precision electrical and mechanical components, Aero-Motive reels are designed to provide top performance, long service life and ease of maintenance. With a huge selection of sizes, styles and related accessories, you get the mobile connectivity solutions you need.

For more information check out our interactive catalog on the web at: www.reels.com

CORD REELS & LAMPS

Pages 5-7

Cord Reels

Description: Cord Reels are spring retractable, industrial reels that are used to keep hand lamps and power outlets accessible and out of the way.



Applications: Portable power supplies, mobile material handling equipment, portable lighting, and machining.

- Available with a variety of optional hand lamps
- Up to 50 feet of cord - up to 250 volt duty
- Swinging or rigid mount
- Adjustable tension
- Built in ratchet locks
- UL Listed and CSA Certified
- 3 Conductor 16 AWG cable (4 Conductor 18 AWG cable model available)

HAND WIND REELS

Page 4

Hand Wind Reels

Description: Manually operated reels for storage and retrieval of extension cords, power cables, ropes or hoses. Three models to choose from.



Applications: Power source for portable tools, lights, fans, or pumps.

- Portable or fixed-mount
- Up to 100 feet of 3-conductor #12, #14 or #16 AWG cable
- Optional power receptacle or slip ring
- Indoor or outdoor applications

ACCESSORIES

Pages 35-37

Accessories

Pivot and Swivel Base for directional flexibility. Cable Guides, Connectors and Grips to extend cable life.



Automatic Switches and Junction Boxes for safety and convenience.



Service options for Mill Duty, Marine, Hazardous locations.



SPECIALTY

Pages 28-34
Specialty Reels



Welding Reels payout and retract arc welding cable.



Static Discharge and Ground Fault Reels for in plant and electric utility vehicle safety.



Retractors, Balancers and Torque Reels keep pendant stations, connectors and lights up and out of the way.



Motor Driven Reels raise and lower cable from a remote control point.

POW-R-MITE REELS

Pages 8-9

Pow-R-Mite® Cable Reels

Description: Easy to order Pow-R-Mites® are spring-powered cable reels that come equipped with cable installed. Two frame sizes are available with cable capacity of up to 70 feet.

Applications: Use where a movable power supply is required including mobile electrical equipment, portable lighting or power tools. The fixed mount units are suitable for indoor or outdoor use.

- Containerized mainspring for easy replacement
- Available with up to 12 conductors
- Modular collector ring
- Adjustable built in cable guides
- Corrosion resistant surface



POW-R-MATIC REELS

Pages 10-27

Pow-R-Matic® Cable Reels

Description: "Assembled-to-Order" Pow-R-Matic® Reels can be fitted with the exact amount and type of cable you require. Frames can accommodate up to 320 feet of #16 AWG cable or up to 180 feet of #1 cable. Precision Collector Rings can be specified for up to 36 conductors. Single or dual main springs are containerized for quick change and easy adjustment.



Applications: Use for power and/or control to mobile industrial equipment such as cranes, hoists, transfer devices, etc.

- Containerized main spring
- External tension adjustment
- Quick change spring motor
- NEMA-4 enclosures for indoor or outdoor use
- Anti-lock-out ratchet system

Pages 38-50
Tech Info

Cable Selection:

Aero-Motive provides information and charts to help you select the right cable for the job. Details such as cable diameter, weight, operating conditions, AC & DC motor current loads and magnet sizes are taken into consideration.

Reel Dimensions:

Complete dimensional information is detailed for all Pow-R-Matic Reels.

Hand Wind Reels

Hand wind reels are designed for heavy duty industrial storage applications. Perfect for storing extension cords, or continuous power service.

HW100 HAND WIND REEL

- Heavy duty design for storage of extension cords, power cables, rope or hoses
- Center cavity access to the end of conductor

HW200 HAND WIND REEL

- 15 Amp duplex receptacle on reel and plug on free end of cable
- Point of use
- Disconnecting electrical device is required to wind or unwind cable

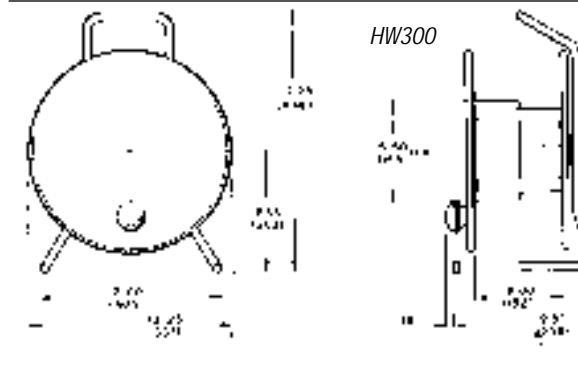
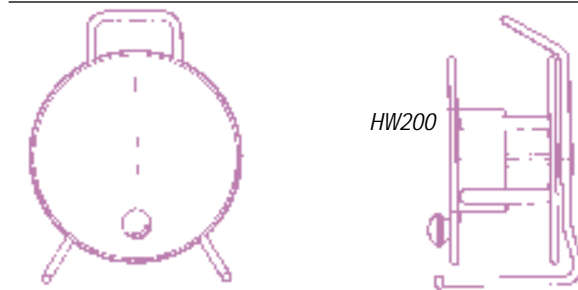
HW300 HAND WIND REEL

- Equipped with slip ring, power cable, and plug
- Payout cable has receptacle
- Ideal for continuous service

Maximum capacity- all models

- 3 cond. #16 AWG SO (.430 in. dia.) 200 Ft.
 - 3 cond. #14 AWG SO (.560 in. dia.) 125 ft.
 - 3 cond. #12 AWG SO (.640 in. dia.) 100 ft.
- usable spool vol. 500 cu. in.

| 3 cond. Type SO Cable Size | length ft. | m | Amperage cord off reel | Series-UL listed/CSA certified | | |
|----------------------------|------------|----|------------------------|--------------------------------|-------|-------|
| | | | | HW100 | HW200 | HW300 |
| #16 AWG 50 | 15.24 | 10 | 10 | HW122 | HW222 | HW322 |
| #16 AWG 100 | 30.48 | 10 | 10 | HW124 | HW224 | HW324 |
| #14 AWG 50 | 15.24 | 15 | 15 | HW132 | HW232 | HW332 |
| #14 AWG 100 | 30.48 | 15 | 15 | HW134 | HW234 | HW334 |
| #12 AWG 50 | 15.24 | 15 | 15 | HW142 | HW242 | HW342 |
| #12 AWG 100 | 30.48 | 15 | 15 | HW144 | HW244 | HW344 |
| Cable Not Supplied | | | 15 | HW100 | HW200 | HW300 |

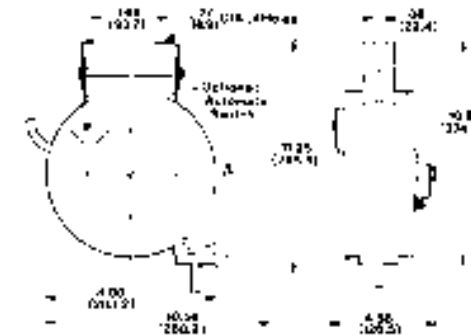


Cord Reels

Cord reels are designed for indoor maintenance, repair, power supply to hoists and close-up work. Ideal for ready access to hand lamps and power outlets.

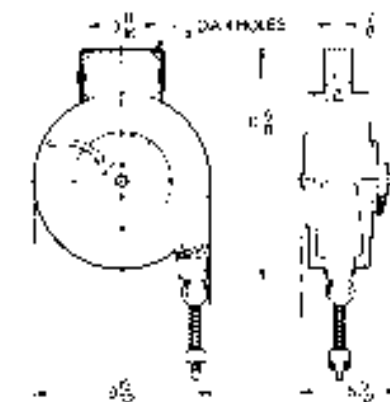
R125 CORD REEL

- 25 feet travel
- Swinging mount
- Adjustable tension
- 3 conductor, 16 AWG
- For Hand Lamp, add suffix M, H, 13W, 13G, 13S or FE (see page 7)
- UL listed and CSA certified



R145 CORD REEL

- 35 feet travel
- Swinging mount
- Adjustable tension
- 3 conductor, 16 AWG
- For Hand Lamp, add suffix M, H, 13W, 13G, 13S or FE (see page 7)
- UL listed and CSA certified



R022184 CORD REEL

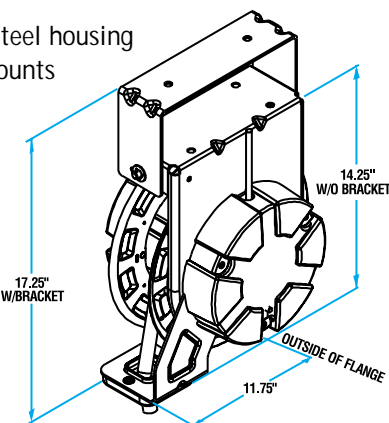
- 26 feet travel (for vertical recovery, 20 feet travel)
- Rigid mount, indoor use only, no ratchet
- 4 conductor, 18 AWG



R 150 CORD REEL

Industrial strength reel has all the convenience, endurance and reliability feature you need at an easy-to-buy price.

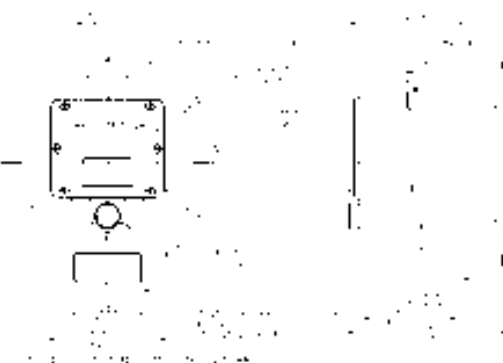
- Fewer moving parts for long working life
- Removable hub covers for easy maintenance
- Easy tension adjustment
- Ratchet lock with engage and disengage capability
- Corrosion resistant steel housing
- Rigid or swinging mounts available
- UL listed
- Hand lamp and auto switch options available
- Indoor use only



R150 reels come standard with rigid mount and no hand lamps. To select swinging mount add suffix "S" to part number. To add hand lamp option add the suffix for the type of hand lamp required. Add the suffix "AS" for the auto switch option. Example: R151S-FE-AS

2 2 8 B CORD REEL

- 50 feet travel
- Adjustable tension
- 3 conductor, 16 AWG
- Rigid Mount
- UL listed and CSA certified
- For Hand Lamp, add suffix FE, M, or G (see page 7)



CORD REEL SELECTOR CHART

Select the reel model number and add the suffix for the type of hand lamp required. Add the suffix "AS" for the auto switch option. Finally, add suffixes for receptacles. Example: R153-FE-AS-R

| Model | Conductors | Travel | Amps/Volts | Swing mount | Hand lamp | Auto switch | Receptacles |
|-------|------------|--------------|-------------|-------------|----------------|-------------|-------------|
| R125 | 3c/#16 AWG | 25 ft/7.6m | 7a / 120v | standard | any | add-S | R, D, Q |
| R145 | 3c/#16 AWG | 35 ft/10.7m | 6a / 120v | standard | any | add-S | R, D, Q |
| R151 | 3c/#16 AWG | 50 ft/15.2m | 8a / 120v | add-S | FE, M, 13G | add-AS | R, D, T, Q |
| R152 | 4c/#16 AWG | 50 ft/15.2m | 5.5a / 120v | add-S | — | — | — |
| R153 | 3c/#14 AWG | 45 ft/13.7m | 11a / 120v | add-S | FE, M | add-AS | R, D, Q |
| R154 | 4c/#14 AWG | 30 ft/9.1m | 7.5a / 120v | add-S | — | — | — |
| R155 | 3c/#12 AWG | 35 ft/10.7 m | 15a / 120v | add-S | — | add-AS | R, D, Q |
| 228B | 3c/#16 AWG | 50 ft/15.2m | — | rigid only | M, 13G, H, 13S | — | — |

Optional Cord Reel Lamps



Type M HAND LAMP DANIEL WOODHEAD®

- Steel guard with reflector for 100W bulb
- Replaceable lamp switch
- NEMA 5-15R outlet
- Rubber handle
- Snap-open guard



Type H HAND LAMP DANIEL WOODHEAD®

- Guard with reflector for 100W bulb
- Replaceable lamp switch
- NEMA 5-15R outlet
- Snap open guard



Type FE HAND LAMP DANIEL WOODHEAD®

- Insulated guard without reflector
- Use with remote or optional auto switch
- Complies with NEC S11-3F



Type 13S HAND LAMP DANIEL WOODHEAD®

- 10 inch fluorescent hand lamp
- Built-in ballast
- Low temperature 13 watt plug-in lamp



Type 13G HAND LAMP

- 10-inch fluorescent hand lamp
- Low temperature 13-watt plug-in lamp
- Use with remote or optional auto switch
- Scratch guard lens

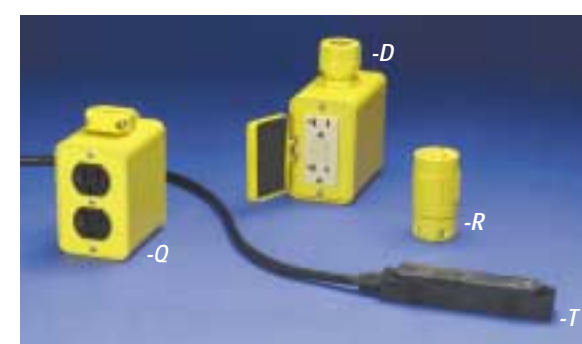


Type 13W HAND LAMP DANIEL WOODHEAD®

- 10-inch fluorescent hand lamp
- Low temperature 13-watt plug-in lamp
- Use with remote or optional auto switch

Other Cord Reel Accessories

- RECEPTACLE** One NEMA 5-15R outlet (add suffix -R)
- TRIPLEX OUTLET** Three NEMA 5-15R outlets (add suffix -T)
- DUAL OUTLET** Two 15A GFCI outlets, snap door cover (add suffix -D)
- QUAD OUTLET** Four NEMA 5-15R outlets (add suffix -Q)
- PIVOT BASE** (see page 9) 330° pivot - order PB10YE for R150 series reels and PB2A for 228B
- AUTOMATIC ON/OFF SWITCH** Turns light off when cable is fully retracted



Pow-R-Mite® Cable Reels

Cable reels are designed for top performance, long service life and easy maintenance. Ideal for hoists, electric tools and moving equipment.

- Factory assembled with Type SO or W cable
- Reels constructed with spring tension to lift or stretch cable with no more than 10% sag
- Containerized main-spring for safe, easy handling
- Modular collector ring
- 30 Amp collector ring on 200, 300, & 400 models
- 35 or 75 Amp collector ring on 5000 models
- Adjustable cable guide with anti cable "lock-out"
- UL listed and CSA Certified

Selecting Pow-R-Mite Reels

- Determine cable size (AWG), number of conductors required and travel distance
- Locate model number in chart on page 9
- Consider accessories needed
- Order model number

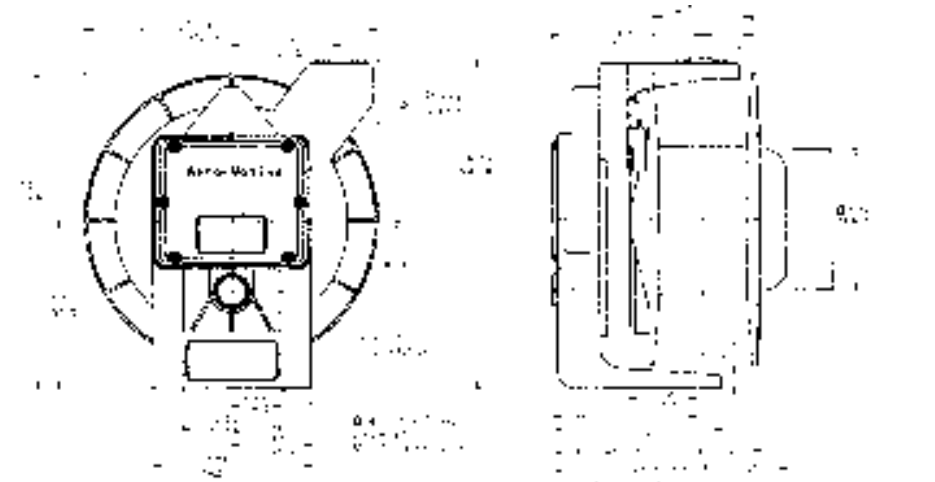


Aero-Motive reels feature corrosion resistant powder-polyester surface construction.

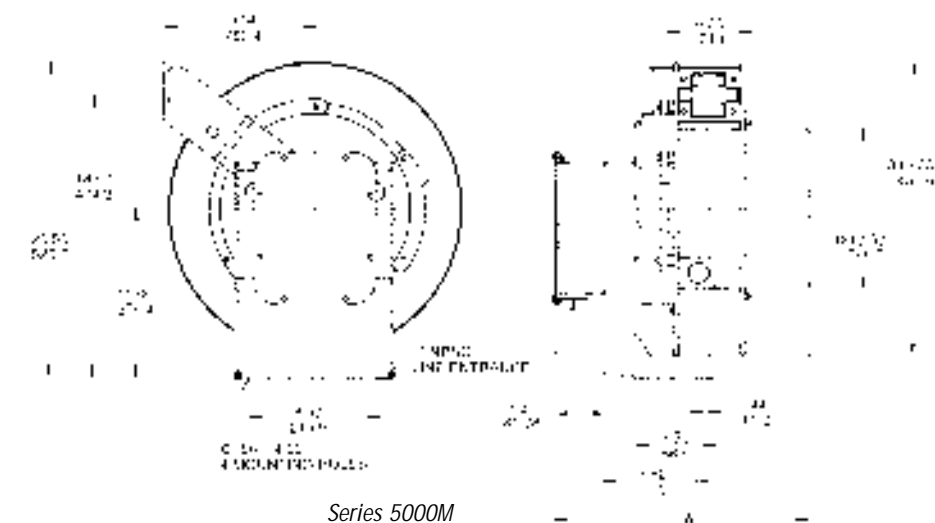
Cable is included on all Pow-R-Mite models. Specify by number of conductors, AWG size and length.



Compact 30, 35 or 75 amp modular collector rings can accommodate up to 16 conductors. All brushes are spring loaded copper/graphite for positive electrical contact.



Series 200, 300, 400



Series 5000M

POW-R-MITE SELECTOR

For easy selection, choose amperage, cable size, number of conductors and cable length from shaded area below.

| Rated Amps. | Cable AWG Size | No. Cond. | Length Feet/Meters | | | | | | | | | | |
|-------------|----------------|-----------|--------------------|--------|--------|---------|---------|---------|---------|---------|---------|---------|----------|
| | | | 20/6.1 | 25/7.6 | 30/9.1 | 35/10.7 | 38/11.6 | 40/12.2 | 45/13.7 | 50/15.2 | 60/18.3 | 70/21.3 | |
| 9 | 16 | 3 | 232B* | | 224B* | | | | 231B* | | 228B* | | 5137BL* |
| 7 | 16 | 4 | 242B | | 234B | | | | 244B | | 238B | | 5147BL |
| 7 | 16 | 6 | | | | | | | | | 206B | | 5167BL |
| 6 | 16 | 8 | | | | | 208B | | | | 485B | | 5187BL |
| 5 | 16 | 10 | | | 403B | | | | | | 5105BL | | 5207BL |
| 5 | 16 | 12 | | | 413B | | | | | | 5115BL | | 5217BL |
| 13 | 14 | 3 | 332C** | 253C** | 233C** | | | | 334C** | | 358C** | | 5137CL** |
| 11 | 14 | 4 | 342C | 363C | 343C | | | | 344C | 367C | 345C | | 5147CL |
| 11 | 14 | 6 | | | | 306C | | | | | 5165CL | | 5267CL |
| 8 | 14 | 8 | 308C | | 483C | | | | | | | 5286CL | |
| 7 | 14 | 10 | 402C | | | | | | | | 5205C | | |
| 6 | 14 | 12 | 5112CL | | | | | | 5214CL | | | | |
| 18 | 12 | 3 | 332D | 383D | 333D | 385D | | | 434D | | 435D | | 5137DL |
| 14 | 12 | 4 | 342D | | 394D | | | | 444D | | 445D | 5146DL | |
| 14 | 12 | 6 | | | 463D | | | | | | | 5266DL | |
| 12 | 12 | 8 | 482D | | | | | | | | 5285DL | | |
| 22 | 10 | 3 | 242E | | 433E | | | | 434E | | 5135EL | | 5237EL |
| 16 | 10 | 4 | 452E | | 443E | | | | 5144EL | | 5245EL | | 5247EL |
| 14 | 10 | 6 | 462E | | | | | | | | 5365EL | | |
| 14 | 10 | 8 | | | | | | | | | | | |
| 40 | 8 | 2 | | | | | | | | | | 5225FL | |
| 35 | 8 | 3 | | | | | | | | | | 5235FL | |
| 32 | 8 | 4 | 5142FL | | | | | | 5344FL | | | | |
| 55 | 6 | 2 | | | | | | | | | | 5325GL | |
| 45 | 6 | 3 | | | | | | | | | | | |
| 44 | 6 | 4 | 5342GL | | | | | | | | | | |

End of Cable options (see page 7)

*Q, R, D, M, H, 13S

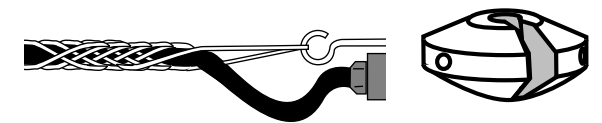
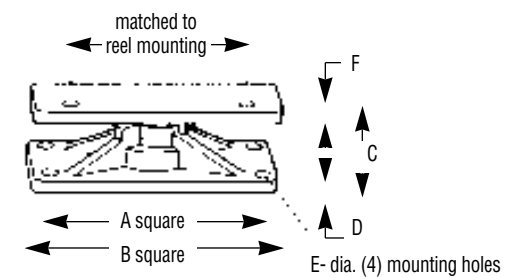
**Q, R, D

Pow-R-Mite Accessories

PB Series PIVOT BASE

- Allows cable and cord reels to rotate 330°

| Model | Reel Series | Dim.A in. mm | Dim.B in. mm | Dim.C in. mm | Dim.D in. mm | Dim.E in. mm | Dim.F in. mm |
|--------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| PB10YE | RI50 | 3 | 4 | 2.69 | 0.50 | 0.438 | 1.25 |
| | | 76 | 102 | 68.3 | 13 | 11.13 | 31.8 |
| PB2A | 200/300 400 | 3 | 4 | 1.44 | 0.50 | 0.438 | 0.25 |
| | | 76 | 102 | 36.6 | 13 | 11.13 | 6.4 |
| PBM7A | 5000 | 10 | 11.5 | 3.76 | 0.75 | 0.531 | 0.63 |
| | | 254 | 292 | 95.5 | 19.1 | 13.49 | 15.9 |



CABLE GRIPS AND STOPS

| Cable Size OD, ins. | Cable Grip Model | Cable Stop Model |
|---------------------|------------------|------------------|
| 0.30-0.41 | 37121-11 | ST1 |
| 0.41-0.56 | 37121-12 | ST1 |
| 0.57-0.70 | 37121-16 | ST1 |
| 0.70-0.75 | 37121-18 | ST1 |
| 0.75-0.82 | 37121-18 | ST2 |
| 0.82-0.875 | 37121-20 | ST2 |
| 0.875-1.00 | 37121-20 | ST3 |
| 1.06-1.25 | 37121-22 | ST3 |



Pow-R-Matic® Cable Reels

Cable reels are designed for top performance, long service life and easy maintenance. Ideal for hoists, electric tools and moving equipment.

- Custom assembled with modular components
- Order without cable or fitted with exact cable length needed
- Containerized main spring for safe and easy handling
- Self-contained collector ring for simple installation and service
- Driving and declutching spring hub protects springs from damage when cable is installed or in the event of broken cable.
- External tension adjustment allows tension adjustment to be completed in minutes. Available on series 2000 through 2800. See page 28.
- Quick change spring motor reduces down time. Standard on all Series 2000 reels.
- NEMA-4 electrical enclosures
- Anti-lock-out ratchet system available on series 0900 & 1000M prevents reel lock out when cable is fully extended
- Cable reel accessories available on pages 35-37.



Frame Size

Pow-R-Matic Reels are available in over 10 frame styles, defined as "Series" in this catalog. Within each series are dozens of size variations that accommodate various cable lengths and diameters. The charts on the following pages make it easy to order the right reel for the job. All frames are engineered for long-term, trouble-free service. Optional components can be added to the frame for mill duty, hazardous locations or marine service. Four roller guides are standard on Series 0900 and 1000M. Larger reels feature guide rails that can accommodate optional guides.



Self-contained main springs are lubricated for life at the factory.



Main Spring

All Aero-Motive reels are powered by individual or dual flat spring steel mainsprings. The unique self-contained precision springs are lubed for life. Maintenance is easier and safer with the external tension adjustment feature and the declutching spring hub. An interchangeable quick-change spring motor is standard on all Series 2000 - 2800 reels.



Collector Ring

The heart of every Pow-R-Matic Reel is the collector or slip ring. All Aero-Motive collector rings are engineered to more than meet the electrical requirements of the cable. Four styles handle from 30 to 200 amps, 3 to 36 conductors.

Modular brush holder assembly is made with non-conductive phenolic holders that are mounted at two points for assured alignment. Stainless steel compression springs provide constant contact for the copper graphite brushes and copper alloy rings. Silver components can be ordered for low level communication signals.



Selecting Pow-R-Matic Reels

Pow-R-Matic Reels are assembled from modular components to your specific application requirements. Follow these four simple steps to order the reel that fits your needs.

1 No. **14** Cable

| No. of Cond. | 20 ft 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 4 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m |
|--------------|----------------|------------------|------------------|-------------------|---------------------------|-------------------|------------------|
| 3 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 1051-01-303 | 1051-01-303 | 1051-01-303 |
| 4 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 1051-01-303 | 1051-01-303 | 1051-01-303 |
| 6 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 1051-01-303 | 1051-01-303 | 1051-01-303 |
| 8 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 1051-01-303 | 1051-01-303 | 1051-01-303 |
| 10 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 1051-01-303 | 1051-01-303 | 1051-01-303 |

Step 1 Select Conductor Size

Cable must be capable of handling the full operating load of all equipment which can be operated concurrently (total connected horsepower). Turn to the page spread that features your size selection.

SPECIAL CABLES: Pow-R-Matic Cable Reels can be used with stainless steel braided, silicone, or refracil insulated cables. For cables designed for extreme temperatures, consult the factory for reel recommendations.

| | | |
|----------------------|----------------------|----------------------|
| 16AWG Pages 14-15 | 14AWG Pages 16-17 | 12AWG Pages 18-19 |
| 10AWG Pages 20-21 | 8AWG Pages 22-23 | 6AWG Pages 24-25 |
| 4AWG Pages 24-25 | 2AWG Pages 26-27 | 1AWG Pages 26-27 |

Step 2 Determine Your Application

Reels within each page are grouped by application. See the explanation below and match it with the application grouping on the selector chart.

Step 3 Select The Number of Conductors and Type of Cables

Determine the number of control or power functions required. Extra conductors should be considered for future use.

Reels are cataloged based on Type S0 for control cables and Type W and G for power. Refer to page 39 for further cable information.

| | | |
|----|----|----|
| 3 | 4 | 6 |
| 8 | 10 | 12 |
| 16 | 20 | 24 |
| 30 | 36 | |

Step 4 Determine Length of Active Cable

Finally, select the desired length of active cable by feet (in black type) or meters (in blue). Actual cable must be ordered separately.

Active cable longer than 50 ft. will have too much tension to be pulled out manually.

Vertical Lift: Reel is mounted overhead. Cable pays out downward and is retracted up via spring power. Reel must have enough tension to lift the total weight of the cable and any additional weight attached to it, e.g., pendent station, cable overhang. The exact weight of added equipment must be known, as standard reels are designed to lift weight of specified length of cable only.

Horizontal Stretch: Cable is suspended in the air, supported at both ends. The tension must accommodate about twice the total weight of the cable to maintain an acceptable 6% sag. The greater the allowable sag, the less tension required, allowing dollar savings to the user.

Recovery: Mounted on a moving carrier, reel picks up cable from stationary base. The closer the reel is to the recovery surface, the less tension is required.

Drag: The reel is mounted in a permanent location. Cable is dragged over surface to and from fixed mounted reel. The tension required is about the same as the lift application.

Lift & Lower: Reel is mounted overhead and can be operated from a remote control point to raise and lower cable at a controlled speed. Commonly used for pendent controls or power receptacles. (Electric drive) See pages 31-32.

Vertical Recovery: Base mounted reel pays out cable upward. The reel is required only to recover the cable on the spool, as the cable moves downward. Minimal tension is needed to recover cable into the reel.



Example

In the example illustrated above, a job called for a reel with #14 AWG wire(1) used in a lift application(2). Six conductors were required (3) and the active travel was between 50 and 60 feet (4). The best reel for the job is model 1051-01-303.

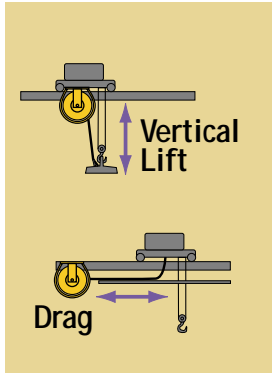
Optional features can be ordered by including the appropriate suffix to the model number:

-L for a ratchet lock (models 1100M through 1400M),
-MD for mill duty service option (models 2000 through 2800), see page 28.

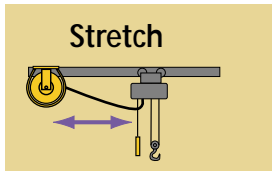
-X for hazardous location (models 1100M through 2800)
See pages 35-37 for more information on these and other accessories.

ALL MODELS ARE LESS CABLE

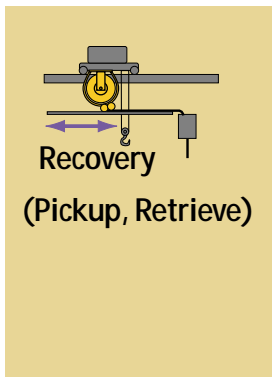
| Application | Number of Conductors | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|---------------|----------------------|---------------------------------------|------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------|----|--------------|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | | | |
| Vertical Lift | 3 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 1051-01-303 | 1051-01-303 | 1142-10-303 | 1143-10-303 | 1143-10-303 | 1143-10-303 | 1164-10-303 | 1164-10-303 | 1255-10-303 | 1255-10-303 | 3 | | |
| | 4 | 0951-05-204 | 0951-05-204 | 0951-05-204 | 0951-05-204 | 1051-01-304 | 1051-01-304 | 1051-01-304 | 1143-10-304 | 1143-10-304 | 1143-10-304 | 1164-10-304 | 1164-10-304 | 1255-16-304 | Use No.12/4 | 4 | | |
| Drag | 6 | 0951-05-206 | 0951-05-206 | 0951-05-206 | 0951-05-206 | 1051-01-306 | 1051-01-306 | 1051-01-306 | 1143-10-306 | 1143-10-306 | 1143-10-306 | 1255-16-306 | 1255-05-306 | 1255-05-306 | Use No.12/6 | 6 | | |
| | 8 | 0951-05-208 | 0951-05-208 | 0951-04-208 | 0951-04-208 | 1051-01-308 | 1051-01-308 | 1051-01-308 | 1143-16-308 | 1164-16-308 | 1164-16-308 | 1255-05-308 | 1255-05-308 | 1255-17-308 | 2058-53-308 | 8 | | |
| | 10 | 0951-04-210 | 0951-04-210 | 0951-04-210 | 1051-01-310 | 1051-02-310 | 1051-02-310 | 1143-16-310 | 1163-16-310 | 1164-05-310 | 1255-05-310 | 1255-17-310 | 2056-53-310 | 2347-55-310 | 2348-56-310 | 10 | | |
| | 12 | 0951-04-212 | 0951-04-212 | 0951-04-212 | 1051-01-312 | 1142-16-312 | 1143-16-312 | 1143-16-312 | 1163-05-312 | 1164-05-312 | 1255-05-312 | 1255-17-312 | 2346-55-312 | 2348-56-312 | 2348-56-312 | 12 | | |
| | 16 | 1142-10-316 | 1142-10-316 | 1142-10-316 | 1142-16-316 | 1143-16-316 | 1143-16-316 | 1163-05-316 | 1163-05-316 | 1253-05-316 | 1255-17-316 | 1356-16-316 | 2346-55-316 | 2348-60-316 | 2349-60-316 | 16 | | |
| | 20 | 1142-10-320 | 1142-10-320 | 1142-16-320 | 1142-16-320 | 1163-05-320 | 1163-05-320 | 1164-17-320 | 1253-05-320 | 1255-17-320 | 2346-56-320 | 2347-60-320 | 2349-63-320 | 2370-63-320 | 2477-53-320 | 20 | | |
| | 24 | 1142-10-324 | 1142-10-324 | 1142-16-324 | 1253-05-324 | 1253-05-324 | 1253-17-324 | 1544-16-324 | 1253-05-324 | 1546-16-324 | 2377-60-324 | 2379-63-324 | 2370-65-324 | 2477-55-324 | 2478-56-324 | 24 | | |
| | 30 | 1142-10-330 | 1142-16-330 | 1142-16-330 | 1253-05-330 | 1253-17-330 | 1354-16-330 | 1544-16-330 | 1253-05-330 | 1546-05-330 | 2378-63-330 | 2370-66-330 | 2476-55-330 | 2476-56-330 | 2479-60-330 | 30 | | |
| | 36 | 1142-10-336 | 1142-16-336 | 1163-05-336 | 1253-17-336 | 1354-16-336 | 1544-05-336 | 1546-05-336 | 1253-17-336 | 1546-05-336 | 2377-63-336 | 2379-66-336 | 2476-56-336 | 2478-60-336 | 2679-60-336 | 2670-63-336 | 36 | |



| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|---|--|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 110 ft. 33.55 m | 120 ft. 36.6 m | 130 ft. 39.65 m | 140 ft. 42.7 m | 150 ft. 45.75 m | | |
| Stretch | 3 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 1051-01-303 | 1051-01-303 | 1142-10-303 | 1143-10-303 | 1143-10-303 | 1143-10-303 | 1143-10-303 | 1255-16-303 | 1255-16-303 | 3 | | |
| | 4 | 0951-05-204 | 0951-05-204 | 0951-05-204 | 0951-04-204 | 1051-01-304 | 1051-01-304 | 1051-01-304 | 1143-10-304 | 1143-10-304 | 1164-16-304 | 1164-16-304 | 1255-05-304 | 1255-05-304 | 4 | | |
| | 6 | 0951-05-206 | 0951-05-206 | 0951-04-206 | 0951-04-206 | 1051-01-306 | 1142-10-306 | 1142-10-306 | 1143-16-306 | 1164-16-306 | 1164-05-306 | 1164-05-306 | 1255-05-306 | 1255-05-306 | 6 | | |
| | 8 | 0951-05-208 | 0951-04-208 | 0951-08-208 | 1051-01-308 | 1051-02-308 | 1143-16-308 | 1143-05-308 | 1164-05-308 | 1164-05-308 | 1164-05-308 | 1255-17-308 | 1255-17-308 | 2056-53-308 | 2056-53-308 | 8 | |



| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | |
|-----------------------------|--------------|---------------------------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|-------------------|-------------------|--|--|
| | | 50 ft. 15.2 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | 240 ft. 73.2 m | 280 ft. 85.4 m | 320 ft. 97.6 m | | |
| Recovery (Pickup, Retrieve) | 3 | 0951-05-203 | 1051-01-303 | 1051-01-303 | 1142-10-303 | 1143-10-303 | 1143-10-303 | 1143-10-303 | 1164-10-303 | 1164-10-303 | 1255-10-303 | 1255-10-303 | | | 3 | | |
| | 4 | 0951-05-204 | 1051-01-304 | 1051-01-304 | 1051-01-304 | 1143-10-304 | 1143-10-304 | 1143-10-304 | 1164-10-304 | 1164-10-304 | 1255-10-304 | 1255-10-304 | | | 4 | | |
| | 6 | 0951-05-206 | 1051-01-306 | 1051-01-306 | 1051-01-306 | 1143-10-306 | 1143-10-306 | 1143-10-306 | 1164-10-306 | 1165-10-306 | 1255-10-306 | | | 6 | | | |
| | 8 | 0951-04-208 | 1051-01-308 | 1051-01-308 | 1051-01-308 | 1143-10-308 | 1143-10-308 | 1143-10-308 | 1255-10-308 | 1255-10-308 | 1255-10-308 | | | 8 | | | |
| | 10 | 1051-01-310 | 1051-01-310 | 1051-01-310 | 1143-10-310 | 1143-10-310 | 1163-10-310 | 1253-10-310 | 1255-10-310 | 1255-10-310 | 1445-10-310 | | | 10 | | | |
| | 12 | 1051-01-312 | 1051-01-312 | 1051-01-312 | 1143-10-312 | 1163-10-312 | 1163-10-312 | 1253-10-312 | 1255-10-312 | 1443-10-312 | 1445-10-312 | | | 12 | | | |
| | 16 | 1142-10-316 | 1142-10-316 | 1163-10-316 | 1163-10-316 | 1253-10-316 | 1253-10-316 | 1253-10-316 | 1443-10-316 | 1443-10-316 | 1445-10-316 | | | 16 | | | |
| | 20 | 1142-10-320 | 1163-10-320 | 1163-10-320 | 1163-10-320 | 1253-10-320 | 1253-10-320 | 1443-10-320 | 1443-10-320 | 1445-10-320 | 1475-10-320 | | | 20 | | | |
| | 24 | 1253-10-324 | 1253-10-324 | 1253-10-324 | 1443-10-324 | 1443-10-324 | 1443-16-324 | 1475-16-324 | 1475-16-324 | 1475-16-324 | 1475-16-324 | | | 24 | | | |
| | 30 | 1253-10-330 | 1253-10-330 | 1253-10-330 | 1443-05-330 | 1445-05-330 | 1443-05-330 | 1475-05-330 | 1475-05-330 | 1475-05-330 | 1475-05-330 | | | 30 | | | |
| | 36 | 1253-10-336 | 1253-10-336 | 1443-05-336 | 1443-05-336 | 1445-05-336 | 1475-05-336 | 1475-05-336 | 1475-05-336 | 1475-05-336 | 2576-50-336 | | | 36 | | | |



APPLICATION NOTES

See page 12 for application details.

Vertical Lift Loads in addition to cable weight are not included. Lift reels will also drag cables over supporting surface, or stretch cables with 10% sag.

Horizontal Stretch (unsupported) Maximum sag is 6% of total cable length. If 10% sag can be allowed, use LIFT chart.

Recovery (Pickup, Retrieve) Reel is mounted on moving equipment. Pay-out and recovery can be two-way with power source at mid-point. Typical mounting is 3 ft. from surface to lower reel flange. Speeds to 200 fpm. For other conditions, contact factory. *If slow moving recovery application (50fpm or less) more tension may be required. Please contact factory for application assistance.*

When ordering, specify cable size and type. Maximum operating speed: 200 fpm.; for other conditions, consult factory. Ratchet lock standard on Series 0900 and 1000M reels. Optional ratchet lock available on Series 1100M through 1400M; Specify by adding "-L" to model number. Junction box data, see page 38; junction boxes are required to comply with CSA specifications. Cable grips are recommended for all applications. See page 37.

DIMENSIONS

| SERIES | 0900 | 1000M | 1100M | 1200M | 1300M | 1400M | 1500M | 2000 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 |
|----------|------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|------|
| PAGE NO. | 41 | 41 | 42 | 43 | 43 | 44 | 44 | 45 | 46-47 | 48 | 49 | 49 | 50 | 50 |

If cable reel is not found in selection charts, please consult factory.

ALL MODELS ARE LESS CABLE

| Application | Number of Conductors | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|---------------|-----------------------------|---------------------------------------|------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------|--------------|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | | | |
| Vertical Lift | 3 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 1051-01-303 | 1051-01-303 | 1051-01-303 | 1143-10-303 | 1143-10-303 | 1164-16-303 | 1255-16-303 | 1255-05-303 | 1255-05-303 | 1255-05-303 | Use No. 12/3 | 3 | |
| | 4 | 0951-05-204 | 0951-05-204 | 0951-04-204 | 0951-04-204 | 1051-01-304 | 1051-01-304 | 1051-01-304 | 1143-10-304 | 1164-16-304 | 1164-16-304 | 1255-05-304 | 1255-05-304 | 1255-05-304 | 1255-05-304 | Use No. 12/4 | 4 | |
| | 6 | 0951-05-206 | 0951-05-206 | 0951-04-206 | 1051-01-306 | 1051-02-306 | 1051-02-306 | 1143-16-306 | 1163-16-306 | 1164-05-306 | 1255-05-306 | 1255-17-306 | 2346-55-306 | 2348-56-306 | 2348-56-306 | 2348-56-306 | 6 | |
| | 8 | 0951-05-208 | 0951-04-208 | 1051-02-308 | 1051-02-308 | 1051-02-308 | 1143-16-308 | 1164-05-308 | 1253-05-308 | 1255-05-308 | 1546-16-308 | 2346-55-308 | 2347-56-308 | 2349-60-308 | 2370-60-308 | 2370-60-308 | 8 | |
| | 10 | 0951-04-210 | 1051-01-310 | 1051-02-310 | 1051-02-310 | 1163-16-310 | 1253-05-310 | 1253-05-310 | 1255-17-310 | 1356-16-310 | 1546-16-310 | 2347-60-310 | 2348-60-310 | 2370-63-310 | 2477-53-310 | 2477-53-310 | 10 | |
| | 12 | 1051-01-312 | 1051-01-312 | 1051-02-312 | 1163-16-312 | 1164-16-312 | 1253-05-312 | 1253-17-312 | 1356-16-312 | 1356-16-312 | 2346-56-312 | 2347-60-312 | 2349-63-312 | 2476-53-312 | 2476-53-312 | 2476-53-312 | 12 | |
| | 16 | 1142-10-316 | 1142-16-316 | 1163-05-316 | 1253-05-316 | 1253-17-316 | 1354-16-316 | 1544-16-316 | 1546-16-316 | 1546-05-316 | 2378-63-316 | 2370-66-316 | 2476-55-316 | 2477-56-316 | 2679-60-316 | 2679-60-316 | 16 | |
| | 20 | 1142-10-320 | 1163-16-320 | 1253-05-320 | 1253-17-320 | 1354-16-320 | 1544-16-320 | 1546-05-320 | 1546-05-320 | 2377-63-320 | 2379-66-320 | 2476-56-320 | 2678-60-320 | 2678-60-320 | 2670-63-320 | 2670-63-320 | 20 | |
| | 24 | 1142-16-324 | 1163-05-324 | 1253-05-324 | 1544-16-324 | 1544-05-324 | 1546-05-324 | 1546-17-324 | 2347-65-324 | 2378-66-324 | 2476-56-324 | 2677-60-324 | 2679-63-324 | 2870-63-324 | 2870-65-324 | 2870-65-324 | 24 | |
| | 30 | 1142-16-330 | 1253-05-330 | 1544-16-330 | 1544-05-330 | 1574-05-330 | 1576-17-330 | 2376-65-330 | 2378-70-330 | 2370-76-330 | 2676-60-330 | 2678-63-330 | 2879-65-330 | | | | 30 | |
| | 36 | 1163-05-336 | 1253-17-336 | 1544-16-336 | 1544-05-336 | 1576-17-336 | 2376-66-336 | 2378-70-336 | 2370-76-336 | 2676-60-336 | 2677-63-336 | 2878-66-336 | | | | | 36 | |
| | Drag | 3 | 0951-05-203 | 0951-05-203 | 0951-04-203 | 1051-01-303 | 1051-01-303 | 1051-02-303 | 1142-10-303 | 1143-16-303 | 1164-16-303 | 1164-05-303 | 1164-05-303 | 1255-05-303 | 1255-05-303 | 1255-17-303 | 3 | |
| 4 | | 0951-05-204 | 0951-05-204 | 0951-04-204 | 1051-01-304 | 1051-02-304 | 1051-02-304 | 1143-16-304 | 1143-16-304 | 1164-05-304 | 1255-05-304 | 1255-17-304 | 2056-53-304 | 2056-53-304 | 2056-53-304 | 4 | | |
| 6 | | 0951-04-206 | 0951-08-206 | 0951-08-206 | 1051-02-306 | 1143-16-306 | 1143-05-306 | 1143-05-306 | 1164-17-306 | 1356-16-306 | 2056-55-306 | 2056-56-306 | 2058-60-306 | 2058-60-306 | 2059-60-306 | 6 | | |
| 8 | | 0951-04-208 | 0951-08-208 | 1051-02-308 | 1051-03-308 | 1143-05-308 | 1143-17-308 | 1164-17-308 | 1356-16-308 | 2056-56-308 | 2057-60-308 | 2347-60-308 | 2349-63-308 | 2349-63-308 | 2349-63-308 | 8 | | |
| Stretch | No. of Cond. | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 110 ft. 33.55 m | 120 ft. 36.6 m | 130 ft. 39.65 m | 140 ft. 42.7 m | 150 ft. 45.75 m | No. of Cond. | | |
| | 3 | 0951-05-203 | 0951-05-203 | 0951-04-203 | 1051-01-303 | 1051-01-303 | 1051-02-303 | 1142-10-303 | 1143-16-303 | 1164-16-303 | 1164-05-303 | 1164-05-303 | 1255-05-303 | 1255-05-303 | 1255-17-303 | 3 | | |
| | 4 | 0951-05-204 | 0951-05-204 | 0951-04-204 | 1051-01-304 | 1051-02-304 | 1051-02-304 | 1143-16-304 | 1143-16-304 | 1164-05-304 | 1255-05-304 | 1255-17-304 | 2056-53-304 | 2056-53-304 | 2056-53-304 | 4 | | |
| | 6 | 0951-04-206 | 0951-08-206 | 0951-08-206 | 1051-02-306 | 1143-16-306 | 1143-05-306 | 1143-05-306 | 1164-17-306 | 1356-16-306 | 2056-55-306 | 2056-56-306 | 2058-60-306 | 2058-60-306 | 2059-60-306 | 6 | | |
| | 8 | 0951-04-208 | 0951-08-208 | 1051-02-308 | 1051-03-308 | 1143-05-308 | 1143-17-308 | 1164-17-308 | 1356-16-308 | 2056-56-308 | 2057-60-308 | 2347-60-308 | 2349-63-308 | 2349-63-308 | 2349-63-308 | 8 | | |
| | Recovery (Pickup, Retrieve) | No. of Cond. | 50 ft. 15.2 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | 240 ft. 73.2 m | 280 ft. 85.4 m | 320 ft. 97.6 m | No. of Cond. | |
| | | 3 | 0951-05-203 | 1051-01-303 | 1051-01-303 | 1051-10-303 | 1143-10-303 | 1143-10-303 | 1143-10-303 | 1164-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | | | | 3 | |
| | | 4 | 0951-06-204 | 1051-01-304 | 1051-01-304 | 1143-10-304 | 1143-10-304 | 1143-10-304 | 1143-10-304 | 1164-10-304 | 1255-10-304 | 1255-10-304 | 1255-10-304 | | | | 4 | |
| 6 | | 1051-01-306 | 1051-01-306 | 1051-01-306 | 1143-10-306 | 1163-10-306 | 1163-10-306 | 1253-10-306 | 1255-10-306 | 1443-10-306 | | | | | | 6 | | |
| 8 | | 1051-01-308 | 1051-01-308 | 1143-10-308 | 1164-10-308 | 1253-10-308 | 1253-10-308 | 1443-10-308 | 1443-10-308 | 1443-10-308 | | | | | | 8 | | |
| 10 | | 1051-01-310 | 1163-10-310 | 1253-10-310 | 1253-10-310 | 1253-10-310 | 1253-10-310 | 1443-10-310 | 1443-10-310 | 1445-10-310 | | | | | | 10 | | |
| 12 | | 1163-10-312 | 1164-10-312 | 1253-10-312 | 1253-10-312 | 1253-10-312 | 1253-10-312 | 1443-10-312 | 1443-10-312 | 1445-10-312 | | | | | | 12 | | |
| 16 | | 1253-10-316 | 1253-10-316 | 1253-10-316 | 1443-05-316 | 1443-05-316 | 1445-05-316 | 1475-05-316 | 1475-05-316 | 1475-05-316 | | | | | | 16 | | |
| 20 | | 1253-10-320 | 1253-10-320 | 1443-05-320 | 1443-05-320 | 1445-05-320 | 1475-05-320 | 1475-05-320 | 1475-05-320 | 2576-50-320 | | | | | | 20 | | |
| 24 | | 1443-05-324 | 1443-05-324 | 1445-05-324 | 1445-05-324 | 1445-05-324 | 1475-05-324 | 1475-05-324 | 2576-50-324 | 2576-50-324 | | | | | | 24 | | |
| 30 | 1443-05-330 | 1475-05-330 | 1475-05-330 | 1475-05-330 | 1475-05-330 | 1475-05-330 | 2576-55-330 | 2576-55-330 | 2770-60-330 | | | | | | 30 | | | |
| 36 | 1544-16-336 | 1574-16-336 | 1574-16-336 | 1576-16-336 | 1576-16-336 | 2577-60-336 | 2578-60-336 | 2779-60-336 | 2770-60-336 | | | | | | 36 | | | |

APPLICATION NOTES

See page 12 for application details.

Vertical Lift Loads in addition to cable weight are not included. Lift reels will also drag cables over supporting surface, or stretch cables with 10% sag.

Horizontal Stretch (unsupported) Maximum sag is 6% of total cable length. If 10% sag can be allowed, use LIFT chart.

Recovery (Pickup, Retrieve) Reel is mounted on moving equipment. Pay-out and recovery can be two-way with power source at mid-point. Typical mounting is 3 ft. from surface to lower reel flange. Speeds to 200 fpm. For other conditions, contact factory. *If slow moving recovery application (50fpm or less) more tension may be required. Please contact factory for application assistance.*

When ordering, specify cable size and type. Maximum operating speed: 200 fpm.; for other conditions, consult factory. Ratchet lock standard on Series 0900 and 1000M reels. Optional ratchet lock available on Series 1100M through 1400M; Specify by adding "-L" to model number. Junction box data, see page 38; junction boxes are required to comply with CSA specifications. Cable grips are recommended for all applications. See page 37.

DIMENSIONS

| SERIES | 0900 | 1000M | 1100M | 1200M | 1300M | 1400M | 1500M | 2000 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 |
|----------|------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|------|
| PAGE NO. | 41 | 41 | 42 | 43 | 43 | 44 | 44 | 45 | 46-47 | 48 | 49 | 49 | 50 | 50 |

If cable reel is not found in selection charts, please consult factory.

ALL MODELS ARE LESS CABLE

| Application | Number of Conductors | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|---------------|----------------------|---------------------------------------|------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|----|--|--------------|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | | | |
| Vertical Lift | 3 | 0951-05-203 | 0951-05-203 | 0951-05-203 | 0951-04-203 | 1051-01-303 | 1051-01-303 | 1143-10-303 | 1143-16-303 | 1164-16-303 | 1164-05-303 | 1255-05-303 | 1255-05-303 | 2058-53-303 | 2058-53-303 | 3 | | |
| | 4 | 0951-05-204 | 0951-05-204 | 0951-04-204 | 1051-01-304 | 1051-01-304 | 1142-10-304 | 1143-16-304 | 1143-16-304 | 1164-16-304 | 1164-05-304 | 1255-17-304 | 2056-53-304 | 2057-53-304 | 2058-55-304 | 4 | | |
| | 6 | 0951-05-206 | 0951-04-206 | 1051-02-306 | 1051-02-306 | 1051-02-306 | 1143-16-306 | 1163-05-306 | 1164-05-306 | 1255-05-306 | 1356-16-306 | 2057-55-306 | 2347-56-306 | 2340-60-306 | 2340-60-306 | 6 | | |
| | 8 | 0951-05-208 | 1051-02-308 | 1051-02-308 | 1051-02-308 | 1164-05-308 | 1253-05-308 | 1253-17-308 | 1255-17-308 | 1356-16-308 | 1546-16-308 | 2346-56-308 | 2348-60-308 | 2370-63-308 | 2476-53-308 | 8 | | |
| | 10 | 1051-01-310 | 1051-02-310 | 1142-16-310 | 1253-05-310 | 1253-05-310 | 1253-17-310 | 1544-16-310 | 1544-16-310 | 2345-56-310 | 2377-60-310 | 2379-63-310 | 2370-65-310 | 2477-55-310 | 2478-56-310 | 10 | | |
| | 12 | 1051-01-312 | 1051-02-312 | 1142-16-312 | 1253-05-312 | 1253-17-312 | 1354-16-312 | 1544-16-312 | 1546-05-312 | 2346-60-312 | 2378-62-312 | 2379-65-312 | 2476-55-312 | 2477-56-312 | 2479-60-312 | 12 | | |
| | 16 | 1142-10-316 | 1142-16-316 | 1163-05-316 | 1253-17-316 | 1354-16-316 | 1546-05-316 | 1546-05-316 | 2347-63-316 | 2377-63-316 | 2370-70-316 | 2476-56-316 | 2478-60-316 | 2670-63-316 | 2670-63-316 | 16 | | |
| | 20 | 1142-16-320 | 1163-05-320 | 1253-17-320 | 1544-16-320 | 1544-05-320 | 1546-05-320 | 2346-63-320 | 2347-65-320 | 2379-70-320 | 2476-56-320 | 2677-60-320 | 2679-63-320 | 2870-65-320 | 2870-66-320 | 20 | | |
| | 24 | 1163-16-324 | 1253-17-324 | 1544-16-324 | 1544-05-324 | 1576-17-324 | 2378-65-324 | 2378-70-324 | 2370-76-324 | 2570-76-324 | 2677-63-324 | 2878-65-324 | 2870-70-324 | | | 24 | | |
| | 30 | 1163-05-330 | 1354-16-330 | 1544-05-330 | 1544-17-330 | 2375-65-330 | 2377-70-330 | 2379-76-330 | 2370-76-330 | 2676-60-330 | 2678-65-330 | 2870-70-330 | | | | 30 | | |
| Drag | 3 | 0951-05-203 | 0951-04-203 | 0951-08-203 | 1051-02-303 | 1051-02-303 | 1051-02-303 | 1143-05-303 | 1164-05-303 | 1164-05-303 | 1255-17-303 | 1255-17-303 | 2056-53-303 | 2056-53-303 | 2057-55-303 | 3 | | |
| | 4 | 0951-05-204 | 0951-04-204 | 0951-08-204 | 1051-02-304 | 1051-02-304 | 1143-05-304 | 1143-05-304 | 1164-05-304 | 1164-17-304 | 1255-17-304 | 2056-55-304 | 2056-55-304 | 2057-56-304 | 2058-60-304 | 4 | | |
| | 6 | 0951-04-206 | 0951-08-206 | 1051-02-306 | 1051-03-306 | 1143-05-306 | 1143-17-306 | 1164-17-306 | 1356-16-306 | 1356-16-306 | 2056-56-306 | 2058-60-306 | 2058-60-306 | 2050-63-306 | 2340-63-306 | 6 | | |
| | 8 | 0951-08-208 | 1051-02-308 | 1051-03-308 | 1143-05-308 | 1164-17-308 | 1354-16-308 | 1356-05-308 | 1356-05-308 | 2057-60-308 | 2348-63-308 | 2348-63-308 | 2340-66-308 | 2340-66-308 | 2446-55-308 | 8 | | |
| | 10 | 1051-01-310 | 1051-01-310 | 1051-01-310 | 1143-10-310 | 1143-10-310 | 1143-10-310 | 1164-10-310 | 1255-10-310 | 1255-10-310 | 1255-10-310 | 1255-10-310 | 1255-10-310 | 1255-10-310 | | 10 | | |
| | 12 | 1051-01-312 | 1051-01-312 | 1143-10-312 | 1163-10-312 | 1164-10-312 | 1253-10-312 | 1253-10-312 | 1443-10-312 | 1443-10-312 | 1443-10-312 | 1443-10-312 | 1443-10-312 | 1443-10-312 | | 12 | | |
| | 16 | 1051-01-316 | 1164-10-316 | 1253-10-316 | 1253-10-316 | 1253-10-316 | 1253-10-316 | 1443-10-316 | 1443-10-316 | 1445-10-316 | 1445-10-316 | 1445-10-316 | 1445-10-316 | 1445-10-316 | | 16 | | |
| | 20 | 1253-10-320 | 1253-10-320 | 1443-05-320 | 1443-05-320 | 1445-05-320 | 1475-05-320 | 1475-05-320 | 1475-05-320 | 1475-05-320 | 1475-05-320 | 1475-05-320 | 1475-05-320 | 1475-05-320 | | 20 | | |
| | 24 | 1443-05-324 | 1443-05-324 | 1443-05-324 | 1445-05-324 | 1445-05-324 | 1475-05-324 | 1475-05-324 | 2577-55-324 | 2577-55-324 | 2577-55-324 | 2577-55-324 | 2577-55-324 | 2577-55-324 | | 24 | | |
| | 30 | 1445-05-330 | 1475-05-330 | 1475-05-330 | 1475-05-330 | 1475-05-330 | 1475-05-330 | 1475-05-330 | 2779-60-330 | 2779-60-330 | 2779-60-330 | 2779-60-330 | 2779-60-330 | 2779-60-330 | | 30 | | |

| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|-------------|--------------|---------------------------------------|------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|---|--|--------------|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 110 ft. 33.55 m | 120 ft. 36.6 m | 130 ft. 39.65 m | 140 ft. 42.7 m | 150 ft. 45.75 m | | | |
| Stretch | 3 | 0951-05-203 | 0951-04-203 | 0951-08-203 | 1051-02-303 | 1051-02-303 | 1051-02-303 | 1143-05-303 | 1164-05-303 | 1164-05-303 | 1255-17-303 | 1255-17-303 | 2056-53-303 | 2056-53-303 | 2057-55-303 | 3 | | |
| | 4 | 0951-05-204 | 0951-04-204 | 0951-08-204 | 1051-02-304 | 1051-02-304 | 1143-05-304 | 1143-05-304 | 1164-05-304 | 1164-17-304 | 1255-17-304 | 2056-55-304 | 2056-55-304 | 2057-56-304 | 2058-60-304 | 4 | | |
| | 6 | 0951-04-206 | 0951-08-206 | 1051-02-306 | 1051-03-306 | 1143-05-306 | 1143-17-306 | 1164-17-306 | 1356-16-306 | 1356-16-306 | 2056-56-306 | 2058-60-306 | 2058-60-306 | 2050-63-306 | 2340-63-306 | 6 | | |
| | 8 | 0951-08-208 | 1051-02-308 | 1051-03-308 | 1143-05-308 | 1164-17-308 | 1354-16-308 | 1356-05-308 | 1356-05-308 | 2057-60-308 | 2348-63-308 | 2348-63-308 | 2340-66-308 | 2340-66-308 | 2446-55-308 | 8 | | |

| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|-----------------------------|--------------|---------------------------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|-------------------|-------------------|----|--|--------------|
| | | 50 ft. 15.2 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | 240 ft. 73.2 m | 280 ft. 85.4 m | 320 ft. 97.6 m | | | |
| Recovery (Pickup, Retrieve) | 3 | 0951-04-203 | 1051-01-303 | 1051-01-303 | 1051-01-303 | 1143-10-303 | 1143-10-303 | 1163-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | 3 | | |
| | 4 | 1051-01-304 | 1051-01-304 | 1051-01-304 | 1143-10-304 | 1143-10-304 | 1143-10-304 | 1164-10-304 | 1255-10-304 | 1255-10-304 | 1255-10-304 | 1255-10-304 | 1255-10-304 | 1255-10-304 | 1255-10-304 | 4 | | |
| | 6 | 1051-01-306 | 1051-01-306 | 1143-10-306 | 1163-10-306 | 1164-10-306 | 1253-10-306 | 1253-10-306 | 1255-10-306 | 1443-10-306 | 1443-10-306 | 1443-10-306 | 1443-10-306 | 1443-10-306 | 1443-10-306 | 6 | | |
| | 8 | 1051-01-308 | 1164-10-308 | 1253-10-308 | 1253-10-308 | 1253-10-308 | 1253-10-308 | 1443-10-308 | 1443-10-308 | 1445-10-308 | 1445-10-308 | 1445-10-308 | 1445-10-308 | 1445-10-308 | 1445-10-308 | 8 | | |
| | 10 | 1253-10-310 | 1253-10-310 | 1253-10-310 | 1443-10-310 | 1443-10-310 | 1443-10-310 | 1475-10-310 | 1475-10-310 | 1475-10-310 | 1475-10-310 | 1475-10-310 | 1475-10-310 | 1475-10-310 | 1475-10-310 | 10 | | |
| | 12 | 1253-10-312 | 1253-10-312 | 1253-10-312 | 1443-05-312 | 1443-05-312 | 1443-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 12 | | |
| | 16 | 1253-10-316 | 1253-10-316 | 1443-05-316 | 1443-05-316 | 1445-05-316 | 1475-05-316 | 1475-05-316 | 1475-05-316 | 1475-05-316 | 1475-05-316 | 1475-05-316 | 1475-05-316 | 1475-05-316 | 1475-05-316 | 16 | | |
| | 20 | 1443-05-320 | 1443-05-320 | 1443-05-320 | 1445-05-320 | 1445-05-320 | 1475-05-320 | 1475-05-320 | 2577-55-320 | 2577-55-320 | 2577-55-320 | 2577-55-320 | 2577-55-320 | 2577-55-320 | 2577-55-320 | 20 | | |
| | 24 | 1445-05-324 | 1475-05-324 | 1475-05-324 | 1475-05-324 | 1475-05-324 | 1475-05-324 | 1475-05-324 | 2779-60-324 | 2779-60-324 | 2779-60-324 | 2779-60-324 | 2779-60-324 | 2779-60-324 | 2779-60-324 | 24 | | |
| | 30 | 1544-05-330 | 1576-05-330 | 1576-05-330 | 1576-05-330 | 2377-60-330 | 2577-60-330 | 2578-60-330 | 2770-60-330 | 2876-60-330 | 2876-60-330 | 2876-60-330 | 2876-60-330 | 2876-60-330 | 2876-60-330 | 30 | | |

APPLICATION NOTES

See page 12 for application details.

Vertical Lift Loads in addition to cable weight are not included. Lift reels will also drag cables over supporting surface, or stretch cables with 10% sag.

Horizontal Stretch (unsupported) Maximum sag is 6% of total cable length. If 10% sag can be allowed, use LIFT chart.

Recovery (Pickup, Retrieve) Reel is mounted on moving equipment. Pay-out and recovery can be two-way with power source at midpoint. Typical mounting is 3 ft. from surface to lower reel flange. Speeds to 200 fpm. For other conditions, contact factory. *If slow moving recovery application (50fpm or less) more tension may be required. Please contact factory for application assistance.*

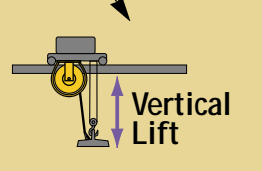
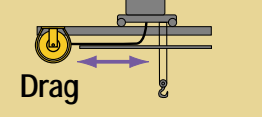
When ordering, specify cable size and type. Maximum operating speed: 200 fpm.; for other conditions, consult factory. Ratchet lock standard on Series 0900 and 1000M reels. Optional ratchet lock available on Series 1100M through 1400M; Specify by adding "-L" to model number. Junction box data, see page 38; junction boxes are required to comply with CSA specifications. Cable grips are recommended for all applications. See page 37.

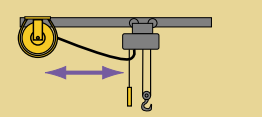
DIMENSIONS

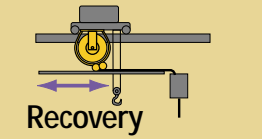
| SERIES | 0900 | 1000M | 1100M | 1200M | 1300M | 1400M | 1500M | 2000 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 |
|----------|------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|------|
| PAGE NO. | 41 | 41 | 42 | 43 | 43 | 44 | 44 | 45 | 46-47 | 48 | 49 | 49 | 50 | 50 |

If cable reel is not found in selection charts, please consult factory.

ALL MODELS ARE LESS CABLE

| Application | Number of Conductors | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|---|---|---------------------------------------|------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------|-------------|--------------|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | | | |
|  | 3 | 0951-05-203 | 0951-05-203 | 0951-04-203 | 1051-01-303 | 1051-02-303 | 1051-02-303 | 1143-16-303 | 1143-16-303 | 1164-05-303 | 1164-05-303 | 1255-17-303 | 1255-17-303 | 2056-53-303 | 2058-55-303 | 2058-55-303 | 3 | |
| | 4 | 0951-05-204 | 0951-04-204 | 1051-01-304 | 1051-02-304 | 1051-02-304 | 1051-02-304 | 1143-16-304 | 1164-05-304 | 1164-05-304 | 1255-17-304 | 2056-53-304 | 2056-53-304 | 2346-55-304 | 2347-56-304 | 2349-60-304 | 4 | |
| | 6 | 0951-06-206 | 0951-08-206 | 1051-02-306 | 1051-02-306 | 1143-05-306 | 1163-05-306 | 1164-17-306 | 1255-17-306 | 1356-16-306 | 2346-56-306 | 2347-60-306 | 2349-63-306 | 2370-63-306 | 2477-53-306 | 2479-60-306 | 6 | |
| | 8 | 1051-01-308 | 1051-02-308 | 1142-16-308 | 1253-05-308 | 1253-17-308 | 1354-16-308 | 1544-16-308 | 1546-05-308 | 1546-05-308 | 2378-63-308 | 2379-65-308 | 2476-55-308 | 2477-56-308 | 2479-60-308 | 2479-60-308 | 8 | |
| | 10 | 1142-10-310 | 1142-16-310 | 1163-05-310 | 1253-17-310 | 1354-16-310 | 1544-16-310 | 1544-05-310 | 1546-05-310 | 2377-63-310 | 2378-65-310 | 2476-55-310 | 2477-56-310 | 2479-60-310 | 2679-60-310 | 2679-60-310 | 10 | |
| | 12 | 1142-10-312 | 1142-16-312 | 1163-05-312 | 1253-17-312 | 1354-16-312 | 1544-05-312 | 1546-05-312 | 2347-63-312 | 2377-63-312 | 2370-70-312 | 2476-56-312 | 2478-60-312 | 2670-63-312 | 2670-63-312 | 2670-63-312 | 12 | |
| | 16 | 1142-16-316 | 1163-05-316 | 1354-16-316 | 1544-05-316 | 1544-05-316 | 1546-17-316 | 2346-65-316 | 2348-70-316 | 2370-76-316 | 2477-60-316 | 2678-63-316 | 2679-65-316 | 2870-66-316 | 2870-66-316 | 2870-66-316 | 16 | |
| | 20 | 1163-05-320 | 1253-17-320 | 1544-05-320 | 1544-05-320 | 2375-65-320 | 2376-66-320 | 2379-76-320 | 2370-76-320 | 2676-60-320 | 2677-63-320 | 2879-66-320 | 2879-66-320 | 2879-66-320 | 2879-66-320 | 2879-66-320 | 20 | |
| | 24 | 1253-05-324 | 2053-53-324 | 1544-05-324 | 1574-17-324 | 2376-65-324 | 2378-76-324 | 2370-80-324 | 2676-66-324 | 2677-63-324 | 2879-70-324 | 2879-70-324 | 2879-70-324 | 2879-70-324 | 2879-70-324 | 2879-70-324 | 24 | |
| |  | 3 | 0951-05-203 | 0951-05-203 | 0951-04-203 | 1051-01-303 | 1051-02-303 | 1051-02-303 | 1143-16-303 | 1143-16-303 | 1164-05-303 | 1164-05-303 | 1255-17-303 | 1255-17-303 | 2056-53-303 | 2058-55-303 | 2058-55-303 | 3 |
| 4 | | 0951-05-204 | 0951-04-204 | 1051-01-304 | 1051-02-304 | 1051-02-304 | 1051-02-304 | 1143-16-304 | 1164-05-304 | 1164-05-304 | 1255-17-304 | 2056-53-304 | 2056-53-304 | 2346-55-304 | 2347-56-304 | 2349-60-304 | 4 | |
| 6 | | 0951-06-206 | 0951-08-206 | 1051-02-306 | 1051-02-306 | 1143-05-306 | 1163-05-306 | 1164-17-306 | 1255-17-306 | 1356-16-306 | 2346-56-306 | 2347-60-306 | 2349-63-306 | 2370-63-306 | 2477-53-306 | 2479-60-306 | 6 | |
| 8 | | 1051-01-308 | 1051-02-308 | 1142-16-308 | 1253-05-308 | 1253-17-308 | 1354-16-308 | 1544-16-308 | 1546-05-308 | 1546-05-308 | 2378-63-308 | 2379-65-308 | 2476-55-308 | 2477-56-308 | 2479-60-308 | 2479-60-308 | 8 | |
| 10 | | 1142-10-310 | 1142-16-310 | 1163-05-310 | 1253-17-310 | 1354-16-310 | 1544-16-310 | 1544-05-310 | 1546-05-310 | 2377-63-310 | 2378-65-310 | 2476-55-310 | 2477-56-310 | 2479-60-310 | 2679-60-310 | 2679-60-310 | 10 | |
| 12 | | 1142-10-312 | 1142-16-312 | 1163-05-312 | 1253-17-312 | 1354-16-312 | 1544-05-312 | 1546-05-312 | 2347-63-312 | 2377-63-312 | 2370-70-312 | 2476-56-312 | 2478-60-312 | 2670-63-312 | 2670-63-312 | 2670-63-312 | 12 | |
| 16 | | 1142-16-316 | 1163-05-316 | 1354-16-316 | 1544-05-316 | 1544-05-316 | 1546-17-316 | 2346-65-316 | 2348-70-316 | 2370-76-316 | 2477-60-316 | 2678-63-316 | 2679-65-316 | 2870-66-316 | 2870-66-316 | 2870-66-316 | 16 | |
| 20 | | 1163-05-320 | 1253-17-320 | 1544-05-320 | 1544-05-320 | 2375-65-320 | 2376-66-320 | 2379-76-320 | 2370-76-320 | 2676-60-320 | 2677-63-320 | 2879-66-320 | 2879-66-320 | 2879-66-320 | 2879-66-320 | 2879-66-320 | 20 | |
| 24 | | 1253-05-324 | 2053-53-324 | 1544-05-324 | 1574-17-324 | 2376-65-324 | 2378-76-324 | 2370-80-324 | 2676-66-324 | 2677-63-324 | 2879-70-324 | 2879-70-324 | 2879-70-324 | 2879-70-324 | 2879-70-324 | 2879-70-324 | 24 | |

| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|---|--------------|---------------------------------------|------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|---|--|--------------|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 110 ft. 33.55 m | 120 ft. 36.6 m | 130 ft. 39.65 m | 140 ft. 42.7 m | 150 ft. 45.75 m | | | |
|  | 3 | 0951-05-203 | 0951-08-203 | 0951-08-203 | 1051-02-303 | 1143-16-303 | 1143-05-303 | 1143-05-303 | 1164-17-303 | 1164-17-303 | 2055-53-303 | 2056-55-303 | 2056-55-303 | 2057-56-303 | 2059-60-303 | 3 | | |
| | 4 | 0951-04-204 | 0951-08-204 | 1051-02-304 | 1051-03-304 | 1143-05-304 | 1143-05-304 | 1143-17-304 | 1356-16-304 | 1356-16-304 | 2056-56-304 | 2058-60-304 | 2058-60-304 | 2058-60-304 | 2349-63-304 | 4 | | |
| | 6 | 0951-08-206 | 1051-02-306 | 1051-03-306 | 1143-05-306 | 1143-17-306 | 1354-16-306 | 1356-05-306 | 1356-05-306 | 2057-60-306 | 2058-63-306 | 2348-63-306 | 2349-66-306 | 2446-55-306 | 2446-55-306 | 6 | | |
| | 8 | 1051-02-308 | 1051-03-308 | 1142-17-308 | 1354-16-308 | 1354-05-308 | 1356-05-308 | 1546-17-308 | 2347-63-308 | 2348-66-308 | 2349-70-308 | 2476-56-308 | 2477-60-308 | 2477-60-308 | 2478-60-308 | 8 | | |

| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|--|--------------|---------------------------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|-------------------|-------------------|-------------------|----|--|--------------|
| | | 50 ft. 15.2 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | 240 ft. 73.2 m | 280 ft. 85.4 m | 320 ft. 97.6 m | | | |
|  | 3 | 1051-01-303 | 1051-01-303 | 1051-01-303 | 1051-01-303 | 1143-10-303 | 1163-10-303 | 1164-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | 1255-10-303 | 3 | | |
| | 4 | 1051-01-304 | 1051-01-304 | 1051-01-304 | 1143-10-304 | 1163-10-304 | 1163-10-304 | 1253-10-304 | 1255-10-304 | 1443-10-304 | 1443-10-304 | 1445-10-304 | 1445-10-304 | 1445-10-304 | 1445-10-304 | 4 | | |
| | 6 | 1051-01-306 | 1142-10-306 | 1143-10-306 | 1163-10-306 | 1253-10-306 | 1253-10-306 | 1443-10-306 | 1443-10-306 | 1445-10-306 | 1445-10-306 | 1445-10-306 | 1445-10-306 | 1445-10-306 | 1445-10-306 | 6 | | |
| | 8 | 1253-10-308 | 1253-10-308 | 1253-10-308 | 1443-05-308 | 1443-05-308 | 1443-05-308 | 1475-05-308 | 1475-05-308 | 1475-05-308 | 1475-05-308 | 1475-05-308 | 1475-05-308 | 1475-05-308 | 1475-05-308 | 8 | | |
| | 10 | 1253-10-310 | 1253-10-310 | 1443-05-310 | 1443-05-310 | 1443-05-310 | 1475-05-310 | 1475-05-310 | 1475-05-310 | 1475-05-310 | 1475-05-310 | 1475-05-310 | 1475-05-310 | 1475-05-310 | 1475-05-310 | 10 | | |
| | 12 | 1253-10-312 | 1253-10-312 | 1443-05-312 | 1443-05-312 | 1443-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 1475-05-312 | 12 | | |
| | 16 | 1443-05-316 | 1445-05-316 | 1445-05-316 | 1445-05-316 | 1445-05-316 | 1475-05-316 | 1476-05-316 | 1476-05-316 | 2577-55-316 | 2577-55-316 | 2577-55-316 | 2577-55-316 | 2577-55-316 | 2577-55-316 | 16 | | |
| | 20 | 1544-16-320 | 1576-16-320 | 1576-16-320 | 1576-16-320 | 1576-16-320 | 2577-60-320 | 2578-60-320 | 2578-60-320 | 2770-60-320 | 2876-50-320 | 2876-50-320 | 2876-50-320 | 2876-50-320 | 2876-50-320 | 20 | | |
| 24 | 1576-05-324 | 1576-05-324 | 1576-05-324 | 1576-05-324 | 2577-60-324 | 2578-60-324 | 2876-55-324 | 2876-55-324 | 2876-55-324 | 2876-55-324 | 2876-55-324 | 2876-55-324 | 2876-55-324 | 2876-55-324 | 24 | | | |

APPLICATION NOTES

See page 12 for application details.
Vertical Lift Loads in addition to cable weight are not included. Lift reels will also drag cables over supporting surface, or stretch cables with 10% sag.
Horizontal Stretch (unsupported) Maximum sag is 6% of total cable length. If 10% sag can be allowed, use LIFT chart.
Recovery (Pickup, Retrieve) Reel is mounted on moving equipment. Pay-out and recovery can be two-way with power source at mid-point. Typical mounting is 3 ft. from surface to lower reel flange. Speeds to 200 fpm. For other conditions, contact factory. *If slow moving recovery application (50fpm or less) more tension may be required. Please contact factory for application assistance.*

When ordering, specify cable size and type. Maximum operating speed: 200 fpm.; for other conditions, consult factory. Ratchet lock standard on Series 0900 and 1000M reels. Optional ratchet lock available on Series 1100M through 1400M; Specify by adding "-L" to model number. Junction box data, see page 38; junction boxes are required to comply with CSA specifications. Cable grips are recommended for all applications. See page 37.

DIMENSIONS

| SERIES | 0900 | 1000M | 1100M | 1200M | 1300M | 1400M | 1500M | 2000 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 |
|----------|------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|------|
| PAGE NO. | 41 | 41 | 42 | 43 | 43 | 44 | 44 | 45 | 46-47 | 48 | 49 | 49 | 50 | 50 |

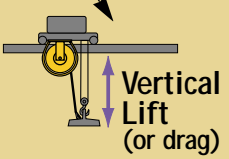
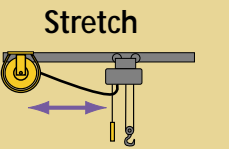
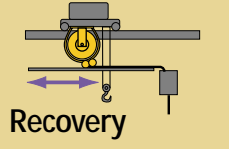
If cable reel is not found in selection charts, please consult factory.

No. 8 Cable

Cable rated at 600 volts

No. 8 Cable

ALL MODELS ARE LESS CABLE

| Application | Number of Conductors | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|---|----------------------|---------------------------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------------|--------------|--|--------------|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | | | |
|  Vertical Lift (or drag) | 2W* | 1051-01-402 | 1051-01-402 | 1051-01-402 | 1051-02-402 | 1143-16-402 | 1163-16-402 | 1163-05-402 | 1253-05-402 | 1255-05-402 | 2055-53-402 | 2346-55-402 | 2347-56-402 | 2349-60-402 | 2349-60-402 | 2W | | |
| | 3W | 1051-01-403 | 1051-01-403 | 1051-02-403 | 1051-02-403 | 1163-05-403 | 1163-05-403 | 1164-17-403 | 1255-17-403 | 1356-16-403 | 2346-56-403 | 2347-60-403 | 2349-63-403 | 2370-63-403 | 2477-53-403 | 3W | | |
| | 3G | 1051-01-404 | 1051-01-404 | 1051-02-404 | 1051-03-404 | 1163-05-404 | 1163-05-404 | 1164-17-404 | 1354-16-404 | 1356-16-404 | 2346-56-404 | 2347-60-404 | 2349-63-404 | 2476-53-404 | 2477-55-404 | 3G | | |
| | 4W | 1051-01-404 | 1051-02-404 | 1051-03-404 | 1163-05-404 | 1253-17-404 | 1354-16-404 | 1354-16-404 | 1356-05-404 | 2346-60-404 | 2348-63-404 | 2349-66-404 | 2476-55-404 | 2477-56-404 | 2470-60-404 | 4W | | |
|  Stretch | No. of Cond. | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 110 ft. 33.55 m | 120 ft. 36.6 m | 130 ft. 39.65 m | 140 ft. 42.7 m | 150 ft. 45.75 m | No. of Cond. | | |
| | 2W | 1051-01-402 | 1051-02-402 | 1051-02-402 | 1051-03-402 | 1143-05-402 | 1163-17-402 | 1164-17-402 | 1356-16-402 | 2056-56-402 | 2056-56-402 | 2058-60-402 | 2058-60-402 | 2349-63-402 | 2349-63-402 | 2W | | |
| | 3W | 1051-01-403 | 1051-02-403 | 1051-03-403 | 1143-05-403 | 1163-17-403 | 1354-16-403 | 1356-05-403 | 1356-05-403 | 2057-60-403 | 2058-63-403 | 2348-63-403 | 2349-66-403 | 2446-55-403 | 2446-55-403 | 3W | | |
| | 3G | 1051-01-404 | 1051-03-404 | 1051-03-404 | 1143-17-404 | 1354-16-404 | 1354-16-404 | 1356-05-404 | 1356-05-404 | 2058-63-404 | 2058-63-404 | 2349-66-404 | 2340-70-404 | 2446-55-404 | 2446-56-404 | 3G | | |
|  Recovery | No. of Cond. | 50 ft. 15.2 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | 240 ft. 73.2 m | 280 ft. 85.4 m | 320 ft. 97.6 m | No. of Cond. | | |
| | 2W | 1051-01-402 | 1142-10-402 | 1163-10-402 | 1163-10-402 | 1253-10-402 | 1253-10-402 | 1253-10-402 | 1443-10-402 | 1445-10-402 | | | | | | 2W | | |
| | 3W | 1051-01-403 | 1163-10-403 | 1163-10-403 | 1163-10-403 | 1253-10-403 | 1253-10-403 | 1443-10-403 | 1443-10-403 | 1445-10-403 | | | | | | 3W | | |
| | 3G | 1051-01-404 | 1163-10-404 | 1163-10-404 | 1163-10-404 | 1253-10-404 | 1253-10-404 | 1443-10-404 | 1445-10-404 | 1445-10-404 | | | | | | 3G | | |
| 4W | 1163-10-404 | 1253-10-404 | 1253-10-404 | 1253-10-404 | 1253-10-404 | 1443-05-404 | 1445-05-404 | | 1445-05-404 | 1475-05-404 | | | | | 4W | | | |

*For Magnet Reel applications substitute SR-902 Slip Ring.

APPLICATION NOTES

See page 12 for application details.

Vertical Lift Loads in addition to cable weight are not included. Lift reels will also drag cables over supporting surface, or stretch cables with 10% sag.

Horizontal Stretch (unsupported) Maximum sag is 6% of total cable length. If 10% sag can be allowed, use LIFT chart.

Recovery (Pickup, Retrieve) Reel is mounted on moving equipment. Pay-out and recovery can be two-way with power source at mid-point. Typical mounting is 3 ft. from surface to lower reel flange. Speeds to 200 fpm. For other conditions, contact factory. *If slow moving recovery application (50fpm or less) more tension may be required. Please contact factory for application assistance.*

When ordering, specify cable size and type. Maximum operating speed: 200 fpm.; for other conditions, consult factory. Ratchet lock standard on Series 0900 and 1000M reels. Optional ratchet lock available on Series 1100M through 1400M; Specify by adding "-L" to model number. Junction box data, see page 38; junction boxes are required to comply with CSA specifications. Cable grips are recommended for all applications. See page 37.

DIMENSIONS

| SERIES | 0900 | 1000M | 1100M | 1200M | 1300M | 1400M | 1500M | 2000 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 |
|----------|------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|------|
| PAGE NO. | 41 | 41 | 42 | 43 | 43 | 44 | 44 | 45 | 46-47 | 48 | 49 | 49 | 50 | 50 |

If cable reel is not found in selection charts, please consult factory.

No. 6 Cable

Cable rated at 600 volts

No. 6 Cable

ALL MODELS ARE LESS CABLE

| Application | Number of Conductors | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|-------------------------|----------------------|---------------------------------------|---------------|---------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|----|--|--------------|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | | | |
| Vertical Lift (or drag) | 2W* | 1051-01-402 | 1051-02-402 | 1051-02-402 | 1051-03-402 | 1164-05-402 | 1253-05-402 | 1253-17-402 | 1354-16-402 | 1356-16-402 | 2346-56-402 | 2347-60-402 | 2349-63-402 | 2476-53-402 | 2476-53-402 | 2W | | |
| | 3W | 1051-02-403 | 1051-03-403 | 1142-05-403 | 1163-05-403 | 1253-17-403 | 1354-16-403 | 1354-16-403 | 1356-05-403 | 1546-05-403 | 2348-63-403 | 2349-66-403 | 2476-55-403 | 2477-56-403 | 2470-60-403 | 3W | | |
| | 3G | 1051-02-404 | 1051-03-404 | 1142-05-404 | 1163-17-404 | 1354-16-404 | 1354-16-404 | 1356-05-404 | 1356-05-404 | 1546-05-404 | 2348-65-404 | 2340-70-404 | 2477-56-404 | 2479-60-404 | 2470-60-404 | 3G | | |
| | 4W | 1051-02-404 | 1051-03-404 | 1163-05-404 | 1253-17-404 | 1354-16-404 | 1354-05-404 | 1546-05-404 | 1546-05-404 | 2347-63-404 | 2379-66-404 | 2476-56-404 | 2478-60-404 | 2470-62-404 | 4W | | | |

*For Magnet Reel applications substitute SR-902 Slip Ring.

| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|---------------|---------------|----------------|---------------|----------------|---------------|----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----|--|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 110 ft. 33.55 m | 120 ft. 36.6 m | 130 ft. 39.65 m | 140 ft. 42.7 m | 150 ft. 45.75 m | | |
| Stretch | 2W | 1051-02-402 | 1051-03-402 | 1051-03-402 | 1163-17-402 | 1354-16-402 | 1354-16-402 | 1356-05-402 | 1356-05-402 | 2058-63-402 | 2348-63-402 | 2349-66-402 | 2340-70-402 | 2446-55-402 | 2446-56-402 | 2W | |
| | 3W | 1051-02-403 | 1051-03-403 | 1143-17-403 | 1354-16-403 | 1356-05-403 | 1356-05-403 | 2057-63-403 | 2058-66-403 | 2349-70-403 | 2445-56-403 | 2447-60-403 | 2447-60-403 | 2447-60-403 | 2448-62-403 | 3W | |
| | 3G | 1051-03-404 | 1142-05-404 | 1354-16-404 | 1354-05-404 | 1356-05-404 | 1356-17-404 | 2058-66-404 | 2059-70-404 | 2340-76-404 | 2445-56-404 | 2447-60-404 | 2447-60-404 | 2448-63-404 | 2449-63-404 | 3G | |
| | 4W | 1051-03-404 | 1142-17-404 | 1354-16-404 | 1354-05-404 | 1356-17-404 | 2057-66-404 | 2348-70-404 | 2340-76-404 | 2340-76-404 | 2476-60-404 | 2478-63-404 | 2478-63-404 | 2479-65-404 | 4W | | |

| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|----------------|----------------|----------------|--|--|
| | | 50 ft. 15.2 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | 240 ft. 73.2 m | 280 ft. 85.4 m | 320 ft. 97.6 m | | |
| Recovery | 2W | 1051-01-402 | 1164-10-402 | 1253-10-402 | 1253-10-402 | 1253-10-402 | 1253-10-402 | 1443-10-402 | 1443-10-402 | 1445-10-402 | 2W | | | | | | |
| | 3W | 1163-10-403 | 1253-10-403 | 1253-10-403 | 1253-10-403 | 1253-10-403 | 1445-05-403 | 1445-05-403 | 1445-05-403 | 1475-05-403 | 3W | | | | | | |
| | 3G | 1163-10-404 | 1253-10-404 | 1253-10-404 | 1253-10-404 | 1253-10-404 | 1445-05-404 | 1445-05-404 | 1445-05-404 | 1475-05-404 | 3G | | | | | | |
| | 4W | 1253-10-404 | 1253-10-404 | 1253-10-404 | 1443-05-404 | 1445-05-404 | 1445-05-404 | 1475-05-404 | 1475-05-404 | 1475-05-404 | 4W | | | | | | |

No. 4 Cable

Cable rated at 600 volts

No. 4 Cable

| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | |
|-------------------------|--------------|---------------------------------------|---------------|---------------|----------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|--|--|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | | |
| Vertical Lift (or drag) | 2W* | 1051-02-402 | 1051-03-402 | 1163-05-402 | 1253-17-402 | 1354-16-402 | 1354-16-402 | 1544-05-402 | 1546-05-402 | 1546-05-402 | 2378-65-402 | 2476-55-402 | 2477-56-402 | 2479-60-402 | 2W | | |
| | 3W | 1142-16-403 | 1163-05-403 | 1253-17-403 | 1354-16-403 | 1354-16-403 | 1546-05-403 | 1546-17-403 | 2346-65-403 | 2379-70-403 | 2476-56-403 | 2477-60-403 | 2679-63-403 | 2670-65-403 | 3W | | |
| | 3G | 1142-16-404 | 1163-05-404 | 1354-16-404 | 1354-16-404 | 1356-05-404 | 1546-17-404 | 2346-65-404 | 2347-66-404 | 2379-70-404 | 2477-60-404 | 2479-63-404 | 2670-65-404 | 2670-65-404 | 3G | | |
| | 4W | 1142-16-404 | 1164-17-404 | 1354-16-404 | 1544-05-404 | 1544-17-404 | 2346-65-404 | 2347-66-404 | 2378-70-404 | 2370-76-404 | 2477-60-404 | 2679-65-404 | 2670-66-404 | 4W | | | |

*For Magnet Reel applications substitute SR-902 Slip Ring.

| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|---------------|---------------|----------------|---------------|----------------|---------------|----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----|--|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 110 ft. 33.55 m | 120 ft. 36.6 m | 130 ft. 39.65 m | 140 ft. 42.7 m | 150 ft. 45.75 m | | |
| Stretch | 2W | 1051-03-402 | 1142-05-402 | 1354-16-402 | 1354-16-402 | 1356-05-402 | 1356-17-402 | 2347-66-402 | 2348-70-402 | 2340-76-402 | 2476-56-402 | 2477-60-402 | 2477-60-402 | 2479-63-402 | 2479-63-402 | 2W | |
| | 3W | 1142-05-403 | 1354-16-403 | 1354-16-403 | 1356-17-403 | 2056-66-403 | 2347-70-403 | 2349-76-403 | 2340-80-403 | 2477-63-403 | 2477-63-403 | 2478-65-403 | 2470-70-403 | 2470-70-403 | 3W | | |
| | 3G | 1142-05-404 | 1354-16-404 | 1354-05-404 | 1356-17-404 | 2057-70-404 | 2349-76-404 | 2340-80-404 | 2447-63-404 | 2477-63-404 | 2478-65-404 | 2470-70-404 | 2470-70-404 | 3G | | | |
| | 4W | 1142-17-404 | 1354-05-404 | 1354-17-404 | 2345-66-404 | 2348-76-404 | 2349-76-404 | 2446-63-404 | 2477-63-404 | 2478-66-404 | 2470-70-404 | 4W | | | | | |

| Application | No. of Cond. | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | |
|-------------|--------------|---------------------------------------|---------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|----------------|----------------|----------------|--|--|
| | | 50 ft. 15.2 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | 240 ft. 73.2 m | 280 ft. 85.4 m | 320 ft. 97.6 m | | |
| Recovery | 2W | 1253-10-402 | 1253-10-402 | 1253-10-402 | 1443-05-402 | 1445-05-402 | 1445-05-402 | 1475-05-402 | 1475-05-402 | 1475-05-402 | 2W | | | | | | |
| | 3W | 1253-05-403 | 1253-05-403 | 1445-05-403 | 1445-05-403 | 1445-05-403 | 1475-05-403 | 1475-05-403 | 1475-05-403 | 2577-55-403 | 3W | | | | | | |
| | 3G | 1253-05-404 | 1253-05-404 | 1445-05-404 | 1445-05-404 | 1445-05-404 | 1475-05-404 | 1476-05-404 | 1476-05-404 | 2577-55-404 | 3G | | | | | | |
| | 4W | 1445-05-404 | 1445-05-404 | 1445-05-404 | 1445-05-404 | 1476-05-404 | 1476-05-404 | 1476-05-404 | 2579-60-404 | 2579-60-404 | 4W | | | | | | |

APPLICATION NOTES

See page 12 for application details.
Vertical Lift Loads in addition to cable weight are not included. Lift reels will also drag cables over supporting surface, or stretch cables with 10% sag.
Horizontal Stretch (unsupported) Maximum sag is 6% of total cable length. If 10% sag can be allowed, use LIFT chart.
Recovery (Pickup, Retrieve) Reel is mounted on moving equipment. Pay-out and recovery can be two-way with power source at mid-point. Typical mounting is 3 ft. from surface to lower reel flange. Speeds to 200 fpm. For other conditions, contact factory. *If slow moving recovery application (50fpm or less) more tension may be required. Please contact factory for application assistance.*

When ordering, specify cable size and type. Maximum operating speed: 200 fpm.; for other conditions, consult factory. Ratchet lock standard on Series 0900 and 1000M reels. Optional ratchet lock available on Series 1100M through 1400M; Specify by adding "-L" to model number. Junction box data, see page 38; junction boxes are required to comply with CSA specifications. Cable grips are recommended for all applications. See page 37.

DIMENSIONS

| SERIES | 0900 | 1000M | 1100M | 1200M | 1300M | 1400M | 1500M | 2000 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 |
|----------|------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|------|
| PAGE NO. | 41 | 41 | 42 | 43 | 43 | 44 | 44 | 45 | 46-47 | 48 | 49 | 49 | 50 | 50 |

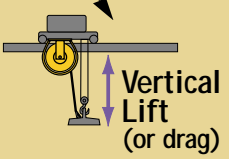
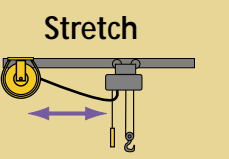
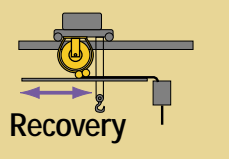
If cable reel is not found in selection charts, please consult factory.

No. 2 Cable

Cable rated at 600 volts

No. 2 Cable

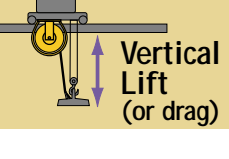
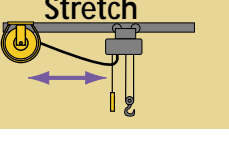
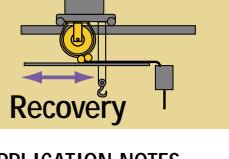
ALL MODELS ARE LESS CABLE

| Application | Number of Conductors | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|---|----------------------|---------------------------------------|------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|--|--|--------------|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | | | |
|  Vertical Lift (or drag) | 2W | 1142-16-902 | 1163-05-902 | 1253-17-902 | 1544-16-902 | 1544-05-902 | 1546-05-902 | 1546-17-902 | 2347-66-902 | 2378-66-902 | 2476-56-902 | 2677-60-902 | 2679-63-902 | 2670-65-902 | 2W | | | |
| | 3W | 1142-16-903 | 1164-17-903 | 1354-16-903 | 1544-05-903 | 1544-05-903 | 2346-65-903 | 2347-66-903 | 2378-70-903 | 2370-76-903 | 2477-60-903 | 2679-65-903 | 2670-66-903 | 3W | | | | |
| | 3G | 1142-05-904 | 1164-17-904 | 1354-05-904 | 1544-05-904 | 1546-17-904 | 2346-66-904 | 2378-70-904 | 2370-76-904 | 2476-60-904 | 2478-63-904 | 2679-66-904 | | 3G | | | | |
| | 4W | 1163-05-904 | 1354-16-904 | 1544-05-904 | 1544-17-904 | 2376-66-904 | 2378-76-904 | 2379-76-904 | 2370-80-904 | 2677-63-904 | 2678-66-904 | 2870-70-904 | | 4W | | | | |
|  Stretch | 2W | 1142-05-902 | 1163-17-902 | 1354-05-902 | 1544-17-902 | 2346-66-902 | 2347-70-902 | 2349-76-902 | 2340-80-902 | 2477-63-902 | 2477-63-902 | 2478-65-902 | 2479-66-902 | 2670-70-902 | 2W | | | |
| | 3W | 1142-17-903 | 1354-05-903 | 1354-17-903 | 2345-66-903 | 2348-76-903 | 2349-76-903 | 2446-63-903 | 2477-63-903 | 2478-66-903 | 2470-70-903 | | | 3W | | | | |
| | 3G | 1142-17-904 | 1354-05-904 | 2055-66-904 | 2346-70-904 | 2348-80-904 | 2340-85-904 | 2476-65-904 | 2477-66-904 | 2479-70-904 | | | | 3G | | | | |
| | 4W | 1354-16-904 | 1354-17-904 | 2345-70-904 | 2347-76-904 | 2370-85-904 | 2476-65-904 | 2478-70-904 | 2478-70-904 | 2670-76-904 | | | | 4W | | | | |
|  Recovery | 2W | 1443-05-902 | 1443-05-902 | 1443-05-902 | 1445-05-902 | 1445-05-902 | 1475-05-902 | 1475-05-902 | 2576-50-902 | 2576-50-902 | | | | 2W | | | | |
| | 3W | 1445-05-903 | 1445-05-903 | 1445-05-903 | 1475-05-903 | 1475-05-903 | 1476-05-903 | 1476-05-903 | 2579-60-903 | 2579-60-903 | | | | 3W | | | | |
| | 3G | 1546-05-904 | 1546-05-904 | 1546-05-904 | 1576-05-904 | 2377-60-904 | 2377-60-904 | 2378-60-904 | 2579-60-904 | 2579-60-904 | | | | 3G | | | | |
| | 4W | 1546-05-904 | 1576-05-904 | 1576-05-904 | 1576-05-904 | 2377-60-904 | 2378-60-904 | 2579-60-904 | 2876-55-904 | 2877-55-904 | | | | 4W | | | | |

No. 1 Cable

Cable rated at 600 volts

No. 1 Cable

| Application | Number of Conductors | Length of Active Cable (feet, meters) | | | | | | | | | | | | | | | | No. of Cond. |
|---|----------------------|---------------------------------------|------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-----------------|--|--|--------------|
| | | 20 ft. 6.1 m | 30 ft. 9.15 m | 40 ft. 12.2 m | 50 ft. 15.25 m | 60 ft. 18.3 m | 70 ft. 21.35 m | 80 ft. 24.4 m | 90 ft. 27.45 m | 100 ft. 30.5 m | 120 ft. 36.6 m | 140 ft. 42.7 m | 160 ft. 48.8 m | 180 ft. 54.9 m | 200 ft. 61 m | | | |
|  Vertical Lift (or drag) | 2W | 1163-16-902 | 1253-17-902 | 1544-16-902 | 1544-05-902 | 1576-17-902 | 2376-65-902 | 2378-70-902 | 2370-76-902 | 2570-76-902 | 2677-63-902 | 2878-65-902 | 2870-70-902 | 2W | | | | |
| | 3W | 1163-05-903 | 1354-16-903 | 1544-05-903 | 1544-17-903 | 2376-66-903 | 2378-76-903 | 2379-76-903 | 2370-80-903 | 2677-63-903 | 2678-66-903 | 2870-70-903 | 3W | | | | | |
| | 3G | 1163-17-904 | 1354-05-904 | 1544-05-904 | 2345-65-904 | 2377-70-904 | 2378-76-904 | 2476-63-904 | 2477-65-904 | 2677-66-904 | 2679-70-904 | | 3G | | | | | |
|  Stretch | 2W | 1163-17-902 | 1354-05-902 | 1544-17-902 | 2346-70-902 | 2378-76-902 | 2379-80-902 | 2476-63-902 | 2477-65-902 | 2677-66-902 | 2679-70-902 | | 2W | | | | | |
| | 3W | 1354-16-903 | 1354-17-903 | 2345-70-903 | 2347-76-903 | 2370-85-903 | 2476-65-903 | 2478-70-903 | 2478-70-903 | 2670-76-903 | | | 3W | | | | | |
| | 3G | 1354-05-904 | 2054-65-904 | 2346-76-904 | 2348-80-904 | 2476-65-904 | 2477-70-904 | 2479-76-904 | 2470-76-904 | | | | 3G | | | | | |
|  Recovery | 2W | 1544-16-902 | 1574-16-902 | 1576-16-902 | 1576-16-902 | 1576-16-902 | 2577-60-902 | 2578-60-902 | 2875-50-902 | 2875-50-902 | | | 2W | | | | | |
| | 3W | 1546-05-903 | 1576-05-903 | 1576-05-903 | 1576-05-903 | 2377-60-903 | 2578-60-903 | 2579-60-903 | 2876-55-903 | 2877-55-903 | | | 3W | | | | | |
| | 3G | 1546-05-904 | 1576-05-904 | 1576-05-904 | 2377-60-904 | 2378-60-904 | 2579-60-904 | 2570-60-904 | 2877-55-904 | 2878-55-904 | | | 3G | | | | | |

APPLICATION NOTES

See page 12 for application details.
Vertical Lift Loads in addition to cable weight are not included. Lift reels will also drag cables over supporting surface, or stretch cables with 10% sag.
Horizontal Stretch (unsupported) Maximum sag is 6% of total cable length. If 10% sag can be allowed, use LIFT chart.
Recovery (Pickup, Retrieve) Reel is mounted on moving equipment. Pay-out and recovery can be two-way with power source at mid-point. Typical mounting is 3 ft. from surface to lower reel flange. Speeds to 200 fpm. For other conditions, contact factory. *If slow moving recovery application (50fpm or less) more tension may be required. Please contact factory for application assistance.*

When ordering, specify cable size and type. Maximum operating speed: 200 fpm.; for other conditions, consult factory. Ratchet lock standard on Series 0900 and 1000M reels. Optional ratchet lock available on Series 1100M through 1400M; Specify by adding "-L" to model number. Junction box data, see page 38; junction boxes are required to comply with CSA specifications. Cable grips are recommended for all applications. See page 37.

DIMENSIONS

| SERIES | 0900 | 1000M | 1100M | 1200M | 1300M | 1400M | 1500M | 2000 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 |
|----------|------|-------|-------|-------|-------|-------|-------|------|-------|------|------|------|------|------|
| PAGE NO. | 41 | 41 | 42 | 43 | 43 | 44 | 44 | 45 | 46-47 | 48 | 49 | 49 | 50 | 50 |

If cable reel is not found in selection charts, please consult factory.

Mill Duty Service Option

The Mill Duty Service option is available on all reels with external spring drive motors. This includes 2000 through 2800 Series reels.

■ This option is recommended for reels used in critical processes, where downtime must be held to an absolute minimum, or where high labor costs make it necessary to minimize installation time.

■ To order the service option add the suffix **-MD** to the model number of any 2000 through 2800 Series Reel.

■ The features of the Mill Duty Service option are designed to make installation and service of Aero-Motive Cable Reels faster and easier than any other brand available.

Easy Cable Connections

All Mill Duty Reels feature two junction boxes which provide quick, easy access for all working and lead-in cable connections.

The working cable connection is made at a junction box attached to the slip ring chamber. Cable passes through a watertight connector at the junction box.



Self-contained slip ring assembly can be removed in one piece for service and a replacement installed in a matter of minutes.

High temperature lead wires are installed at the factory, connecting the slip ring to the junction box. Working cable can be installed without disturbing the slip ring or removing the slip ring cover.

Power supply "lead-in" is made at a junction box (up to 2" NPT hole size for conduit). Internal wiring is provided by high temperature leads from the slip ring through the stationary mainshaft to the junction box.

- Service option available on all Series 2000 - 2800 models
- Use option when downtime is critical
- Two junction boxes provide quick access for all working and lead-in cable connections
- Quick change spring motor is standard on all Series 2000 - 2800
- To order, add suffix **"-MD"** to model number on any Series 2000 - 2800
- A full line of Mill Duty Reels is available. Just ask your representative for the Mill Duty Catalog.



Fast Tensioning End Plate

The fast-tensioning end plate is designed so that set-up and tensioning of a reel can be completed in a matter of seconds, reducing critical downtime. Tension is set after the cable has been installed and final electrical connections are made. No special tools are required to set tension. This is done using a bar or wrench rotating an external nut clockwise, as one 360° turn of the nut puts one setup turn on the spring. A second external nut is used for decreasing the tension.

Quick Change Spring Motor

A quick-change spring motor is provided on all 2000 through 2800 Series Cable Reels. A drive pin engages the motor shaft with the drive shaft allowing the spring motor change to be completed in moments, reducing critical downtime. Resetting the tension is done without unhooking the cable, with the fast-tension end plate on the spring motor. All spring motors are lubricated for life and are interchangeable between reels within the 2000 through 2800 group. ONE size spring is used in ALL spring motors to reduce the number of replacement parts maintained for critical applications.



Reels for Hazardous Locations

All series 1100M-2800 reels are available with enclosures which are designed to comply with requirements for the following locations as defined by the National Electric Code:

- Class I, Division I, Group C and D
- Dust-ignition proof for Class II, Division I, Group E, F and G
- Suitable for Class III, Division I, Outdoor Hazardous locations

Fully enclosed junction boxes have connecting leads which are sealed at both ends with a sealing compound. Slip rings are oversized, and constructed of extra heavy material.

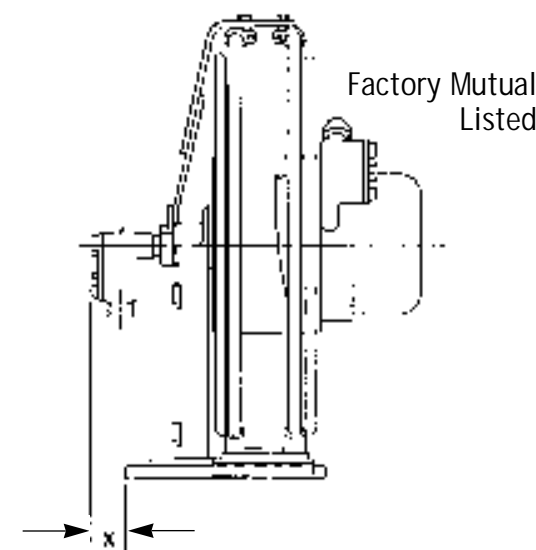
These Pow-R-Matic Reels (Models 1100M through 2800) are available with 3 to 10 conductors (35 Amp slip rings). Nos. 18 to 10 AWG; or 3 or 4 conductors (75 Amp. slip rings), Nos. 8 to 4 AWG.

TO ORDER: add suffix **"-X"** to catalog number to designate the above construction.

Note: Ground wire is connected through slip ring and to frame of reel on ALL models.



- Available on all Series 1100 - 2800 models
- Class I, Division I, Group C&D
- Dust-ignition proof for Class II, Division I, Group E and G
- Suitable for Class III, Division I, Outdoor Hazardous locations
- Fully enclosed junction boxes with connecting leads
- Oversized, rugged construction slip rings
- To order, add suffix **"-X"** to model number on any Series 1100 - 2800



Junction box included on Hazardous Location models. Line entrance tapped as required by the National Electric Code.

On Series 1100M-1500M, the junction box will increase the width of the reel as follows:

| Reel Series | X Dimension | |
|-------------|-------------|-------|
| | in. | mm |
| 1100M | 6.25 | 158.8 |
| 1200M | 4.13 | 104.9 |
| 1300M | 4.13 | 104.9 |
| 1400M | 4.13 | 104.9 |
| 1500M | 4.13 | 104.9 |

The junction box does not affect width on Series 2000-2800.

*NOTE: The slip ring cover on hazardous location reels will extend .50 inch (12.7mm) farther than on standard models.

If dimensions are critical, consult factory for certified prints.

Welding Reels

Aero-Motive's Electric Welding Reels are built to high quality standards. Standard models cover the four most desirable wire sizes.

- Containerized mainspring for safe and easy handling
- Weathertight design
- Safety declutching drive hub
- Rugged four-roller guide on 4000 & 5000 series
- Adjustable guide arm on 4000 & 5000 series
- Permanent lubrication
- Ratchet lock



4000 SERIES WELDING REELS

Dimensions similar to Series 0900 (Page 41)

| Catalog No. | AWG Wire Size. | Cable Length (ft) | Amp Rating |
|-------------|----------------|-------------------|------------|
| ERA4000 | Less Cable | — | 375* |
| ERA4450 | 4 | 50 | 145 |
| ERA4250 | 2 | 50 | 250 |
| ERA4150 | 1 | 50 | 250 |
| ERA4040 | 1/0 | 40 | 350 |
| ERA4940 | 2/0 | 40 | 375 |

Cable included on all models except ERA4000.

5000 SERIES WELDING REELS

Dimensions similar to Series 1000M (Page 41)

| Catalog No. | AWG Wire Size. | Cable Length (ft) | Amp Rating |
|-------------|----------------|-------------------|------------|
| ERL51000 | Less Cable | — | 375* |
| ERL51280 | 2 | 80 | 150 |
| ERL51180 | 1 | 80 | 200 |
| ERL51075 | 1/0 | 75 | 250 |
| ERL51960 | 2/0 | 60 | 300 |

Cable included on all models except ERL51000.



6000 SERIES WELDING REELS

■ Dimensions similar to Series 1100M (Page 42)

| Catalog No. | AWG Wire Size. | Cable Length (ft) | Amp Rating |
|-------------|----------------|-------------------|------------|
| ERM60000 | Less Cable | — | 450* |
| ERM61100 | 1 | 100 | 150 |
| ERM60110 | 1/0 | 110 | 200 |
| ERM69090 | 2/0 | 90 | 250 |

Cable included on all models except ERM60000.

When cable is installed, lengths shown in selection charts are maximum allowed when used with corresponding wire size.

*Rating is established for slip ring only. The proper wire size must be used to obtain this rating.



Pendent Station Retractors

Spring powered retractors provide a simple, inexpensive means of lifting pendent stations, connectors, lights, and more out of the way when not in use. A simple tug on the cable returns the pendent to its original position.

To select a retractor, add the total weight of the pendent, the cable between the pendent and the cable clamp, and half the cable hanging in the loop. Select a retractor that has sufficient weight capacity and travel distance to fit your requirements.

RFL 4-8 LB. RETRACTOR

- Easy tension adjustment without tools
- Full range of motion with 360° swivel hanger
- Nylon-covered steel cable
- Ratchet lock

| Model | Weight | | Cable Travel | |
|-------|--------|---------|--------------|---|
| | lbs. | kg | ft. | m |
| RFL6 | 4-6 | 1.8-2.7 | 6.6 | 2 |
| RFL8 | 6-8 | 1.8-2.7 | 6.6 | 2 |



BFL 6-24 LB. BALANCERS

- Heavy duty, containerized spring
- Full range of motion with 360° swivel hanger
- High-impact composite housing
- Ratchet lock
- Shackle design for secure mounting

| Model | Weight | | Cable Travel | |
|-------|--------|----------|--------------|---|
| | lbs. | kg | ft. | m |
| BFL9 | 6-9 | 4.1-5.9 | 6.6 | 2 |
| BFL13 | 9-13 | 4.1-5.9 | 6.6 | 2 |
| BFL18 | 13-18 | 5.9-8.2 | 6.6 | 2 |
| BFL24 | 18-24 | 8.2-10.9 | 6.6 | 2 |



1515 1-30 LB. TORQUE REELS

- Easy external tension adjustment
- Series T offers automatic drum lock

| Model | Weight | | Active Travel | | Tension Build Up | |
|----------|--------|------|---------------|------|------------------|-------|
| | lb. | kg | ft. | m | lb. | kg |
| 0515T | 5 | 2.3 | 15 | 4.58 | | |
| 1015T | 10 | 4.5 | 15 | 4.58 | | |
| 1515T | 15 | 6.8 | 15 | 4.58 | 19 | 8.64 |
| T2N20-20 | 20 | 9.1 | 20 | 6.10 | 38 | 17.25 |
| T2N30-20 | 30 | 13.6 | 20 | 6.1 | 28 | 12.7 |



Secondary Support Cable

A secondary support cable or chain should be attached to equipment mounted overhead to ensure against injury in the event of a failure of the hanger or supporting structure.

Hose and Cable Support

| Model | Cable/Hose Dia. |
|-------|-----------------|
| 61020 | 0.49"-0.91" |
| 61021 | 0.91"-1.25" |



Balancer Secondary Support Chains

| Model | Description | Max. Length |
|-----------|-----------------|-------------|
| H13760001 | Support for RFL | 20" |
| H13760000 | Support for BF | 20" |

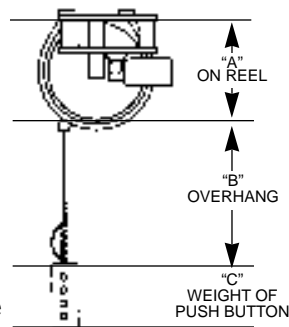
Series 4100 Gear Motor Driven Reel

The Series 4100 is a heavy duty reel used on cranes to raise and lower push button pendent stations.

Selecting Motor Driven Reels

Step 1. Select your cable size and active cable travel from chart A on page 39.

Step 2. Determine the weight of the push button station, fixtures and overhanging cable (B plus C). It is not necessary to add the weight of the active cable – it has been figured into each model. Only additional weight – that of the overhanging cable and push button station – need be considered.

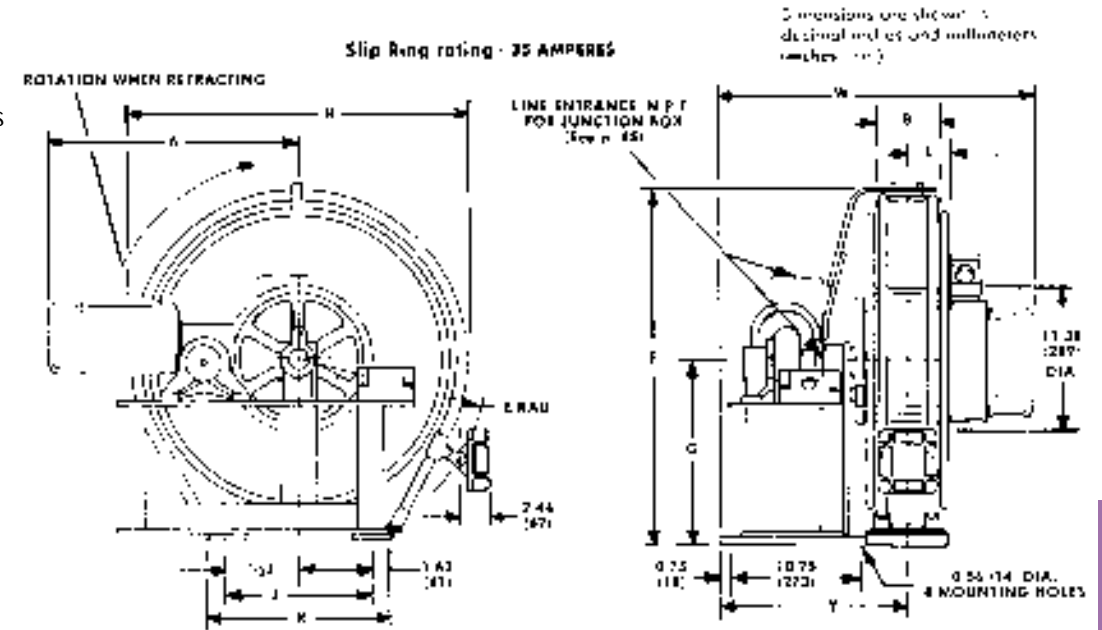


Listings show reel capacities only and are not meant to imply that heavy loads should be hung on small cables. Always consider the mechanical limitations of the cable before specifying reels.

Step 3. Total weight of Step 2 must not exceed the weight shown in the column to the right of each Reel Model Number.

4100 GEAR MOTOR DRIVEN CABLE REEL

- Rugged construction with oversized bearings
- NEMA-4 limit switch included
- Weather tight
- Dust-tight
- 600 volt ratings
- High amperage slip rings
- Precision-cut spur gears
- Four roller guide



| Active Cable | 20ft. 6.1m | 30ft. 9.15m | 40ft. 12.2m | 50ft. 15.25m | 60ft. 18.3m |
|--------------|------------|-------------|-------------|--------------|-------------|
| No. of Cond. | | | | | |
| Model No. | | | | | |
| Weight lbs. | | | | | |
| Weight mm | | | | | |

| Model No. | Dim. A in. | Dim. B in. | Dim. E in. | Dim. F in. | Dim. G in. | Dim. H in. | Dim. J in. | Dim. K in. | Dim. L in. | Dim. Y in. | Dim. W in. | | | | | | | | | | | |
|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----|------|-----|-------|-----|------|----|-------|-----|-------|-----|
| 4101-011-303 | 22.50 | 572 | 4 | 102 | 12.94 | 329 | 24.12 | 613 | 12.00 | 305 | 22.75 | 578 | 8.75 | 222 | 12.00 | 305 | 2.88 | 73 | 14.38 | 366 | 23.75 | 603 |

All Series 4100 Reels are weathertight, dust-tight (NEMA-4 enclosures), and are equipped with 2NC-2NO rotary limit switch (NEMA-4 enclosure), four roller guide, and guide rails. Reels are driven by a 1/3 hp, 230/460 volt, 3 phase, 60 cycle, TENV reversible gearhead motor with an electrically released magnetic brake. The reel lifts and lowers the cable at an average speed of 60 fpm. Consult the factory for delivery and other requirements.

Static Discharge Grounding Reels

Eliminates static build-up. Spring-operated, automatic retrieve reels.

The 2050-Y Reel with a "Y" bridle allows two ground connections at the same time, providing maximum efficiency.



2050 STATIC DISCHARGE REELS

- Spring operated, automatic retrieve reel
- Stranded steel aircraft cable is 3/32"
- Provides light, constant spring tension on the cable
- 100 ampere ground clamp
- Rubber cable stop

| Catalog no. | Cable length | | Net weight | | Resistance ohms |
|-------------|--------------|-------|------------|------|-----------------|
| | ft. | m | lbs. | Kg | |
| 2050 | 50 | 15.24 | 12 | 5.44 | 2.0 |
| 2050-Y* | 50 | 15.24 | 12 | 5.44 | 2.0 |
| 2050NC | 50 | 15.24 | 12 | 5.44 | 2.0 |
| 2050CT | 50 | 15.24 | 12 | 5.44 | 2.0 |
| 2050NCCT | 50 | 15.24 | 12 | 5.44 | 2.0 |

*"NC" = nylon coated cable 3/32"

"CT" = constant tension models.

*2050 Reel with "Y" Bridle (20 ft. each branch, with clamps) allows simultaneous grounding at two points.

Ground Fault Cable Retractor

Models GR900 and GR1000 are sturdy compact spring-powered cable reels that provide a convenient and efficient method of retracting and storing equipment ground cables on electric utility service trucks requiring a minimum of maintenance.

GR GROUND FAULT REELS

- Retracts temporary ground cable for portable equipment
- Ground cable protection when not in use.
- Compact design provides more efficient use of vehicle storage space.
- Easy field cable termination
- No bonding required as ground cable connected directly to collector ring.



Capacity

| Cable AWG Model | Length (ft., meters) | |
|-----------------|----------------------|---------|
| #2 | 40 12.2 | GR900 |
| 1/0 | 40 12.2 | GR900 |
| 2/0 | 40 12.2 | GR900 |
| 2/0 | 60 18.3 | GR1000L |
| 4/0 | 50 15.2 | GR1000L |

Qualification Tests

Certified testing 2/0 AWG sample with cable fully extended:

| Scenario/Result | Duration | Amp- litude | Resistance | |
|---|-------------------|-------------|------------|--------|
| | | | Before | After |
| one shot/ rotated freely same resistance after rotating | 8 cycles | 18.4 kA | 0.548m | 0.610m |
| reclose sequence/ rotated freely same resistance after rotating | 8 cycles (2 sec) | 18.7 kA | 0.541m | |
| | 8 cycles (15 sec) | 18.6 kA | | |
| | 9 cycles | 18.2 kA | | 0.639m |
| breaker failure/ rotating freely 0.646m resistance after rotating | 100 cyc. | 15.6 kA | 0.594m | 0.638m |
| to failure/ 2.0 cable lead fused open 6 in. from reel. No damage to collector ring. | 101 cyc. | 15.5 kA | n/a | |

Accessories and Options

Use this selection chart for all standard

accessories and options available

on Pow-R-Matic Reels.

| Accessory | Catalog No | | | | | | | | | | |
|--------------------------|---|-------------|-------|-------------|-------------|------|------|------|---------------------|------|-------|
| | 0900 | 1000M-2000M | 1100M | 1200M-1300M | 1400M-1500M | 2000 | 2300 | 2400 | 2500-2600-2700-2800 | 4100 | |
| Four-Roller Guide | Incl | Incl | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | 2FM | NA | NA | Opt | Opt | Opt | Opt | NA | NA | NA | NA |
| | 3FM | NA | NA | Opt | Opt | Opt | Opt | Opt | Opt | Opt* | Incl |
| Junction Box | Incl | Incl | Opt | Opt | Opt | Opt | Opt | Opt | Opt | Opt | Opt |
| Pivot Base (330°) | Opt | Opt | Opt | Opt | Opt | Opt | Opt | Opt | Opt | NA | Opt** |
| Swivel Base (360°) | Opt | Opt | Opt | NA | NA | NA | NA | NA | NA | NA | NA |
| Guide Arm | Incl | Incl | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Guide Rails | NA | NA | Incl | Incl | Incl | Incl | Incl | Incl | NA | Incl | |
| Ratchet Lock (-L) | Incl | Incl | Opt | NA | NA | NA | NA | NA | NA | NA | NA |
| Hazardous Locations (-X) | NA | NA | Lim | Lim | Lim | Lim | Lim | Lim | Lim | Lim | Lim |
| Marine Service | NA | NA | Spcl | Spcl | Spcl | Spcl | Spcl | Spcl | Spcl | Spcl | Spcl |
| Silver Ring/Brush | Opt | Opt | Opt | Opt | Opt | Opt | Opt | Opt | Opt | Opt | Opt |
| Service Package (-MD) | NA | NA | NA | NA | NA | Opt | Opt | Opt | Opt | Opt | NA |
| Mill Duty | Refer to Catalog "MD" for Mill Duty Reels | | | | | | | | | | |

KEY: Opt = Optional
Incl = Included
Spcl = Special - Consult factory for current availability of specials.
Cable Grips, see page 37

NA = Not Available
Lim = Limited

*Must be mounted separately
**Not normally used

Four-Roller Guide

A four-roller guide is standard on Series 0900 and 1000M reels. 2FMYE guide is used for cable up to 1.5 in./38.1 mm in diameter. 3FMYE guide is used for cable up to 2.0 in./50.8 mm in diameter. See page 37 for details.

Junction Box

Included as part of reel stand on Series 0900 and 1000M reels. 2JM junction box has up to 2" NPT. See page 38 for further details.

Pivot Base

Allows for 330° pivot. Available for CW series reels. See page 36 for details. Always give complete model number of reel when ordering pivot base.

Swivel Base

Allows for 360° arc. Available for 0900 through 1100M series reels. See page 36 for details.

Marine Service

No exposed aluminum parts, Powder paint, all exposed fasteners up to 5/8" stainless steel. Special order.

Hazardous Locations

See page 29 for details on reels for hazardous locations.

Automatic On/Off Switch

Turns light off when cable is fully retracted. Order 01026P0012.

Silver Plated Rings and Silver Brush Contacts

Available on 30 and 35 ampere slip rings only.

Service Package

Includes external fast tension end plate, 2-J Junction Box for input connection, and second junction box for easy connection of working cable without opening slip ring housing and disturbing brush-holder and brush alignment. Internal lead wires are also supplied. See page 28.

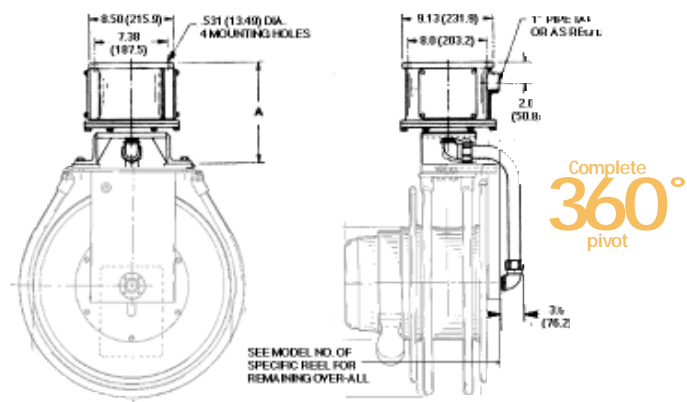
Ordering

To order a reel with the Ratchet Lock, Hazardous Locations, or Service Package options, add the proper suffix -L, -X, or -MD to the model number. To order any other accessory, order it by name. Example: 2053-50-902, complete with number 3FMYE cable guide.

Swivel Bases

The swivel base enables an electric cable reel to pay out cable in a continuous 360° arc. Commonly used on monorails, conveyors, hoists, cranes and other moving equipment, these rugged mounting bases are available for all 0900 through 1100M Series Pow-R-Matic reels.

When ordered with a reel, the reel and swivel base will be assembled together and wired at the factory.



SB SERIES SWIVEL BASE

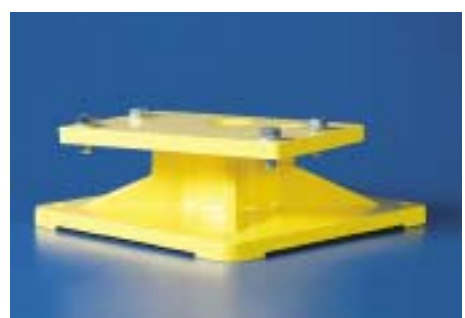
- Weathertight 360° continuous rotation
- Series 0900, 1000M and 1100M

| Reel Series | No. of Cond. | Swivel Base Model | Slip Ring Amp. | Dim.A in | Dim.A mm |
|-------------|--------------|-------------------|----------------|----------|----------|
| 0951 | 3 | SB33H | 30A | 10.56 | 268.2 |
| 0951 | 4 | SB34H | 30A | 10.56 | 268.2 |
| 0951 | 6 | SB36H | 30A | 10.56 | 268.2 |
| 0951 | 8 | SB38H | 30A | 10.56 | 268.2 |
| 1051 | 3 | SB33G | 35A | 10.15 | 257.8 |
| 1051 | 4 | SB34G | 35A | 10.15 | 257.8 |
| 1051 | 6 | SB36G | 35A | 10.15 | 257.8 |
| 1051 | 3 | SB73G | 75A | 10.15 | 257.8 |
| 1051 | 4 | SB74C | 75A | 10.15 | 257.8 |
| 1142-1143 | 3 | SB33D | 35A | 10.15 | 257.8 |
| 1142-1143 | 4 | SB34D | 35A | 10.15 | 257.8 |
| 1142-1143 | 6 | SB36D | 35A | 10.15 | 257.8 |
| 1142-1143 | 8 | SB38D | 35A | 10.15 | 257.8 |
| 1142-1143 | 3 | SB73D | 75A | 10.15 | 257.8 |
| 1163-1165 | 4 | SB74D | 75A | 10.15 | 257.8 |
| 1163-1165 | 3 | SB33D | 35A | 10.15 | 257.8 |
| 1163-1165 | 4 | SB34D | 35A | 10.15 | 257.8 |
| 1163-1165 | 6 | SB36D | 35A | 10.15 | 257.8 |
| 1163-1165 | 8 | SB38D | 35A | 10.15 | 257.8 |
| 1163-1165 | 3 | SB73D | 75A | 10.15 | 257.8 |
| 1163-1165 | 4 | SB74D | 75A | 10.15 | 257.8 |

NOTE: A four-roller guide is required when a pivot base is used. Cable grips are recommended also. See page 37.

Pivot Bases

ROTATION OF 330° OR LESS (NO COLLECTOR RINGS)
Pivot base allows reel to payout cable in any direction up to 330° where a complete continuous circle is not required.



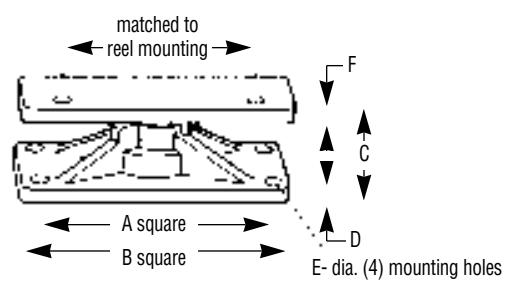
Provides 330° pivot

PB SERIES PIVOT BASE

- Allows cable and cord reels to rotate 330°
- Heavy duty ball bearing models

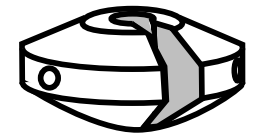
| Reel Series | Model | Dim.A in. | Dim.B in. | Dim.C in. | Dim.D in. | Dim.E in. | Dim.F in. |
|-----------------------|--------|-----------|-----------|-----------|-----------|-----------|-----------|
| CW.0951, 200,300, 400 | PB2A | 3 | 4 | 1.44 | 0.50 | 0.438 | 0.25 |
| | | 76 | 102 | 36.6 | 13 | 11.13 | 6.4 |
| RI50 | PB10YE | 3 | 4 | 2.69 | 0.50 | 0.438 | 1.25 |
| | | 76 | 102 | 68.3 | 13 | 11.13 | 31.8 |
| 1051 5000 | PBM7A | 10 | 11.5 | 3.76 | 0.75 | 0.531 | 0.63 |
| | | 254 | 292 | 95.5 | 19.1 | 13.49 | 15.9 |
| 1120 | PBM3A | 10 | 11.5 | 3.76 | 0.75 | 0.531 | 0.63 |
| | | 254 | 292 | 95.5 | 19.1 | 13.49 | 15.9 |
| 1140 | PBM3B | 10 | 11.5 | 3.76 | 0.75 | 0.531 | 0.63 |
| | | 254 | 292 | 95.5 | 19.1 | 13.49 | 15.9 |
| 1160 | PBM3C | 10 | 11.5 | 3.76 | 0.75 | 0.531 | 0.63 |
| | | 254 | 292 | 95.5 | 19.1 | 13.49 | 15.9 |
| 1200M 1300M | PBM4A | 10 | 11.5 | 3.76 | 0.75 | 0.531 | 0.63 |
| | | 254 | 292 | 95.5 | 19.1 | 13.49 | 15.9 |
| 1440 1540 | PBM5A | 10 | 11.5 | 3.76 | 0.75 | 0.531 | 0.63 |
| | | 254 | 292 | 95.5 | 19.1 | 13.49 | 15.9 |
| 1470 1570 | PBM5B | 10 | 11.5 | 3.76 | 0.75 | 0.531 | 0.63 |
| | | 254 | 292 | 95.5 | 19.1 | 13.49 | 15.9 |
| 2000 | PB6AX | 12 | 14 | 5.79 | 0.63 | 0.563 | 0.188 |
| | | 305 | 356 | 147 | 16 | 14.3 | 4.7 |
| 2300 | PB6BX | 12 | 14 | 5.79 | 0.63 | 0.563 | 0.188 |
| | | 305 | 356 | 147 | 16 | 14.3 | 4.7 |
| 2400 | PB6XX | 12 | 14 | 5.79 | 0.63 | 0.563 | 0.188 |
| | | 305 | 356 | 147 | 16 | 14.3 | 4.7 |

*Specify reel model when ordering
HEAVY DUTY BALL BEARING MODELS
NOTE: A four-roller guide is required when a pivot base is used. Cable grips are recommended also. See page 37.



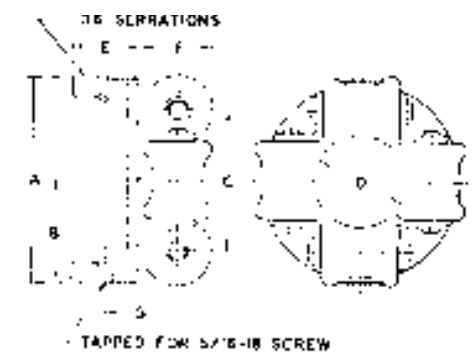
Cable Guides, Grips and Stops

Four-roller cable guides are standard on Series 0900 and 1000M. Series 1100M through 2400 reels are equipped with guide rails only. Roller guides are optional on these reels and mount on the guide rails. Ratchet locks are optional on models 1100M through 1400M, and must be ordered with the reel (indicate with "-L" added to model number). NOTE: Roller guides are to be used only to assist in guiding cable onto the reel, and are NOT to be used as a sheave to change direction of payout.



CABLE GRIPS AND STOPS

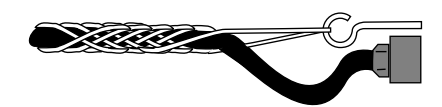
| Cable Size OD, ins. | Cable Grip Model | Cable Stop Model |
|---------------------|------------------|------------------|
| 0.30-0.41 | 37121-11 | ST1 |
| 0.41-0.56 | 37121-12 | ST1 |
| 0.57-0.70 | 37121-16 | ST1 |
| 0.70-0.75 | 37121-18 | ST1 |
| 0.75-0.82 | 37121-18 | ST2 |
| 0.82-0.875 | 37121-20 | ST2 |
| 0.875-1.00 | 37121-20 | ST3 |
| 1.06-1.25 | 37121-22 | ST3 |



FOUR-ROLLER CABLE GUIDES
No.2FMYE: For cables up to 1.5"/38.1 mm diameter
No.3FMYE: For cables up to 2"/50.8 mm diameter (Series 1100M, 2400)

CABLE GUIDE DIMENSIONS

| Model | Type of Cable Guide | Maximum Recommended Cable Dia.. | Dim.A in. | Dim.B in. | Dim.C in. | Dim.D in. | Dim.E in. | Dim.F in. | Dim.G in. |
|---------|---------------------|---------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2FMYE | Cable Guide | 1.5 | 4 | 2 | 2.69 | 1.75 | 1.25 | 1.31 | 1.38 |
| 2FMYE7* | Cable Guide | 38.1 | 101.6 | 50.8 | 68.3 | 44.5 | 31.8 | 33.8 | 35.1 |
| 3FMYE | Cable Guide | 2 | 4 | 2 | 3.88 | 2.63 | 1.69 | 1.25 | 1.81 |
| 3FMYE7* | Cable Guide | 50.8 | 101.6 | 50.8 | 98.5 | 66.8 | 42.9 | 31.8 | 46 |
| 1R | Guide Rails | — | — | 11.72 | 12 | 21 | — | — | — |
| | | | | 298 | 305 | 533.4 | | | |
| 2R | Guide Rails | — | — | 14.19 | 14.25 | 25 | — | — | — |
| | | | | 360 | 362 | 635 | | | |
| 3R | Guide Rails | — | — | 18.19 | 18.25 | 33 | — | — | — |
| | | | | 462 | 464 | 838.2 | | | |



* 2FMYE7 and 3FMYE7 are for 237X and 247X model cable reels

Swivel Units for Rotating Machines

Swivel units will supply electrical power or controls through a continuous 360° arc. The swivel unit is a collector ring assembly in a weather-tight, dust-tight enclosure, which can be mounted to existing equipment, such as a jib crane, or built into new equipment. Rugged cast construction with permanently lubricated ball bearings.

- 360° continuous rotation
- Weathertight, dust-tight design

SU SERIES SWIVEL UNITS

| 35 amps 600 volts | | 75 amps 600 volts | |
|-------------------|-----------|-------------------------|-----------|
| No. Cond. | Model No. | No. Cond. | Model No. |
| 3 | SU33 | 3 | SU73 |
| 4 | SU34 | 4 | SU74 |
| 6 | SU36 | Larger units on request | |
| 8 | SU38 | Larger units on request | |

Consult factory for current availability.

Important Cable Selection Data

An important point to remember is that the sole function of Pow-R-Matic Cable Reel is to handle a given cable in a predetermined, specific manner. This re-emphasizes the importance of selecting the right cable for the job it is intended to do.

Important Factors in Cable Selection

■ **Electrical** - Cable must be capable of handling the full operating load of all equipment which can be operated concurrently (total connected horsepower). See horsepower conversion chart on the following page and the chart below for intermittent service ratings.

■ **Mechanical** - Cable must be flexible, portable, and generally neoprene jacketed. Individual conductor stranding should not be less than the number of strands per conductor as listed in the table at left.

■ **Special cables** - Pow-R-Matic Cable Reels can be used with special cables such as stainless steel braided, silicone, or refrasil insulated, etc. Consult the factory for recommended reels for use with cables designed for use in extremely hot or cold temperatures.

| Size (AWG) | Minimum Stranding |
|-----------------|---------------------|
| 18 | 16 strands of #30 |
| 16 | 26 strands of #30 |
| 14 | 41 strands of #30 |
| 12 | 65 strands of #30 |
| 10 | 104 strands of #30 |
| 8 through 4 | 133 strands of #30 |
| 2 through 2/0 | 259 strands of #30* |
| 3/0 through 4/0 | 427 strands of #30* |

*Recommended minimum stranding for best performance and long cable life. If coarser stranding must be used, we suggest you advise the factory so allowance can be made.

Slip Ring Ratings

Ratings refer to the Pow-R-Matic Cable Reel Slip Ring only and may be referred to where cable is being derated for short time (intermittent) service. Ratings are based on two conductor assemblies and must be derated for multiconductor service. Ratings are established for slip rings only, operating in approved enclosures. The proper wire size must be used to obtain these ratings. Consult the factory for specific requirements not covered here.

| Catalog No. | Code | Name-plate | Ampere Rating | | Maximum Operating Temperature |
|-------------|------|------------|----------------------------|-----------------------|-------------------------------|
| | | | Maximum Load (30 minutes)* | Continuous Duty Cycle | |
| 2 | 30 | 30 | 30 | 248° F, 120° C | |
| 3 | 35 | 50 | 35 | 248° F, 120° C | |
| 4 | 75 | 100 | 75 | 248° F, 120° C | |
| 9 | 200 | 250 | 200 | 392° F, 200° C | |

*Maximum running time at full load per hour

The first number of the last three digits indicates Slip Ring rating.

Example: 2053-50-902 (9 is the Slip Ring rating). See chart above.

Junction Boxes (Weathertight)

Junction boxes are used to connect conduit leading from the power source to the internal wiring of the reel, especially when the lead-in conduit is larger than the threaded connection provided on the reel. The NPT line entrance of the junction box provided with the reel will be equal to or greater than National Electric Code requirements. The chart below lists the junction box line entrance with the proper slip ring designation for reel series 1100M and larger. (See page 41 for NPT size on series 0900 and 1000M). Unless otherwise specified, junction boxes will be threaded to match the chart. In Canada, a junction box is required on all reels to meet CSA approval. Slip Ring designation of model number (last three digits) determine the entrance (NPT) of junction box.

Example: 2053-50-902 (902 is the Slip Ring designation)



Junction boxes should be used when lead-in conduit is larger than threaded connection provided on the reel.

To order, specify 2J-A, 2J-B, 2J-C, or 2J-D. See page 35 for more information.

| Model No. | N.P.T. | Slip Ring Designation | Line Entrance NPT | Slip Ring Designation | Line Entrance NPT | Slip Ring Designation | Line Entrance NPT |
|-----------|--------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|-------------------|
| 2J-A | 1" | 303 | 1" | 316 | 1 1/2" | 403 | 1" |
| 2J-B | 1 1/4" | 304 | 1" | 320 | 2" | 404 | 1" |
| 2J-C | 1 1/2" | 306 | 1" | 324 | 2" | 406 | 1 1/2" |
| 2J-D | 2" | 308 | 1 1/4" | 330 | 2" | 902 | 1 1/2" |
| | | 310 | 1 1/4" | 336 | 2" | 903 | 1 1/2" |
| | | 312 | 1 1/4" | 402 | 1" | 904 | 2" |

Selecting the Proper Cable

Due to the great variety of electrical applications, types (and manufacturers) of controls, and available currents, it is impossible for the reel manufacturer to select electrical cable for any specific requirement. Because the user, or specifying engineers, are closest to all details involved in any particular requirement, the responsibility for selecting cable must be left in their hands. To assist in the selection of cable, the charts shown on this page and the following procedure are offered as a guide.

For more complete data or specific details, please refer to the National Electric Code.

To select cable:

- Determine motor horsepower. (HP)
- Using Chart A for alternating current (AC) or Chart B for Direct Current (DC), find the proper horsepower in the left hand column.
- On the line showing proper horsepower, move to the right until reaching the column headed by the operating voltage to be used.
- At this intersection the maximum ampere load is listed. For example, a 100 HP motor operating at 460 volts three-phase current draws 124 amperes.
- Once maximum ampere load is known, we can determine the size of electrical cable (AWG) required by using Chart C. In the above example, 124 amperes calls for #1/0 cable at 60°C; #1 at 75°C, etc.
- To comply with CSA requirements, Types SOW or WOW must be used on outdoor applications.
- Caution:** Voltage drop and power factor corrections frequently require an increase in size of conductors required.

Use the 75° column for standard cables. Contact the cable manufacturer or Aero-Motive if higher temperature ratings are required.

Chart A AMPERAGES FOR AC MOTORS

Induction type — Full load currents listed in amps

| HP | 115V | 230V | 460V | 575V | 2300V |
|-----|------|------|------|------|-------|
| .5 | 4 | 2 | 1 | .8 | |
| .75 | 5.6 | 2.8 | 1.4 | 1.1 | |
| 1 | 7.2 | 3.6 | 1.8 | 1.4 | |
| 1.5 | 10.4 | 5.2 | 2.6 | 2.1 | |
| 2 | 13.6 | 6.8 | 3.4 | 2.7 | |
| 3 | | 9.6 | 4.8 | 3.9 | |
| 5 | | 15.2 | 7.6 | 6.1 | |
| 7.5 | | 22 | 11 | 9 | |
| 10 | | 28 | 14 | 11 | |
| 15 | | 42 | 21 | 17 | |
| 20 | | 54 | 27 | 22 | |
| 25 | | 68 | 34 | 27 | |
| 30 | | 80 | 40 | 32 | |
| 40 | | 104 | 52 | 41 | |
| 50 | | 130 | 65 | 52 | |
| 60 | | 154 | 77 | 62 | 16 |
| 75 | | 192 | 96 | 77 | 20 |
| 100 | | 248 | 124 | 99 | 26 |
| 125 | | 312 | 156 | 125 | 31 |
| 150 | | 360 | 180 | 144 | 37 |
| 200 | | 480 | 240 | 192 | 49 |

For full-load currents of 208- and 200-volt motors, increase the corresponding 220-volt motor full-load current by 6 and 10 percent, respectively.

These values of full-load current are for motors running at speeds usual for belted motors and motors with normal torque characteristics. Motors built for especially low speeds or high torques may require more running current, and multispeed motors will vary full-load current according to speed, in which case the nameplate current rating should be used.

Chart B AMPERAGES FOR DC MOTORS

Motors running at full speed — Full load current listed in amps

| HP | 120V | 240V | HP | 120V | 240V |
|-----|------|------|-----|------|------|
| .25 | 2.9 | 1.5 | 15 | | 55 |
| .33 | 3.6 | 1.5 | 20 | | 72 |
| .5 | 5.2 | 2.6 | 25 | | 89 |
| .75 | 7.4 | 3.7 | 30 | | 106 |
| 1 | 9.4 | 4.7 | 40 | | 140 |
| 1.5 | 13.2 | 6.6 | 50 | | 173 |
| 2 | 17 | 8.5 | 60 | | 206 |
| 3 | 25 | 12.2 | 75 | | 255 |
| 5 | 40 | 20 | 100 | | 341 |
| 7.5 | 58 | 29 | 125 | | 425 |
| 10 | 76 | 38 | 150 | | 506 |
| | | | 200 | | 675 |

Chart C CABLE SELECTOR

Based on three-conductor cables

| Size AWG | Temperature Rating of Conductor | | | | | |
|----------|---------------------------------|------------|----------------|-------------|-------------|-------------|
| | 60°C 140°F | 75°C 167°F | 85°-90°C 185°F | 110°C 230°F | 125°C 257°F | 200°C 392°F |
| 14 | 15 | 15 | 25 | 30 | 30 | 30 |
| 12 | 20 | 20 | 30 | 35 | 40 | 40 |
| 10 | 30 | 30 | 40 | 45 | 50 | 55 |
| 8 | 40 | 45 | 50 | 60 | 65 | 70 |
| 6 | 55 | 65 | 70 | 80 | 85 | 95 |
| 4 | 70 | 85 | 90 | 105 | 115 | 120 |
| 3 | 80 | 100 | 105 | 120 | 130 | 145 |
| 2 | 95 | 115 | 120 | 135 | 145 | 165 |
| 1 | 110 | 130 | 140 | 160 | 170 | 190 |
| 1/0 | 125 | 150 | 155 | 190 | 200 | 225 |
| 2/0 | 145 | 175 | 185 | 215 | 230 | 250 |
| 3/0 | 165 | 200 | 210 | 245 | 265 | 285 |
| 4/0 | 195 | 230 | 235 | 275 | 310 | 340 |
| 250 | 215 | 255 | 270 | 315 | 335 | ... |
| 300 | 240 | 285 | 300 | 345 | 380 | ... |
| 350 | 240 | 310 | 325 | 390 | 420 | ... |
| 400 | 280 | 335 | 360 | 420 | 450 | ... |
| 500 | 320 | 380 | 405 | 470 | 500 | ... |

Notes:

- Use the highest available voltage to keep wire size to a minimum.
- If cable is to stand idle ON reel for long periods at full electric load, contact Aero-Motive, as derating may be required.
- Always specify maximum available cable stranding to ensure flexibility and long life of the cable.
- For short time cable ratings, refer to the National Electric Code.
- If fourth conductor is to be a ground wire, use the three-conductor rating.

Chart D MAGNET SIZE TO CABLE SIZE

| Nominal Magnet Diam. (in.) | Cold Current (Amps.) | Cable Size* (AWG) | Nominal Magnet Diam. (in.) | Cold Current (Amps.) | Cable Size* (AWG) |
|----------------------------|----------------------|-------------------|----------------------------|----------------------|-------------------|
| 39 | 31 | #8 | 67 | 86 | #2 |
| 47 | 43 | #6 | 68 | 96 | #2 |
| 58 | 67 | #4 | 68 | 100 | #2 |
| 58 | 73 | #4 | | | |
| 84 | 134 | #1/0 | | | |

Cable Diameters and Net Weights

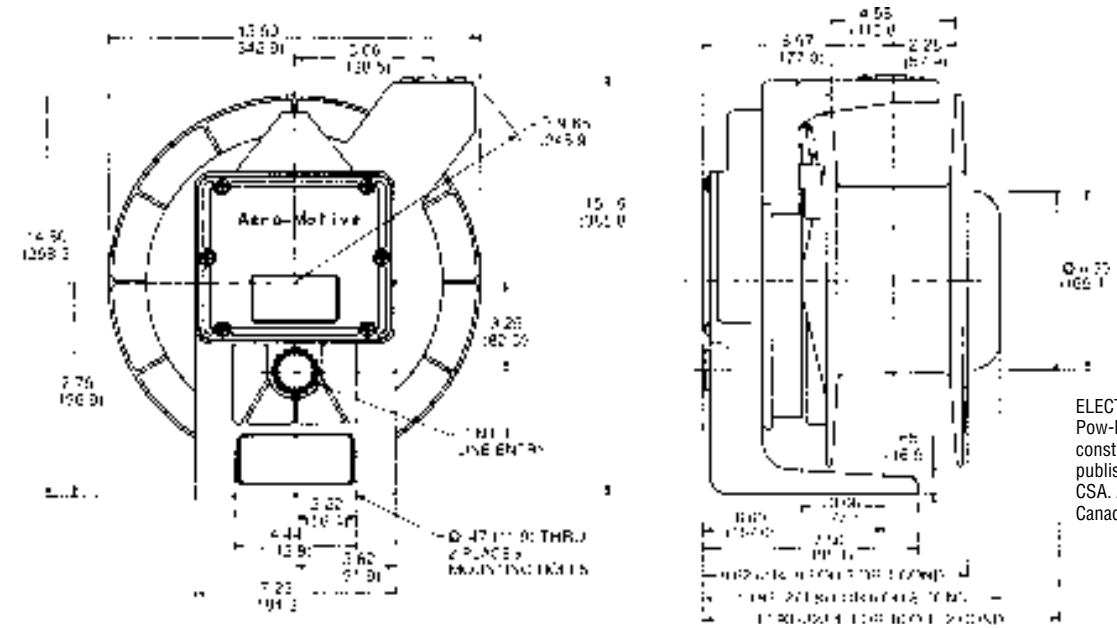
Type **SO** Cable **600** Volts

| 18 AWG | | | 16 AWG | | | 14 AWG | | | 12 AWG | | | 10 AWG | | |
|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|--------------|-------------|-----------------|
| No. of Cond. | Diam. (in.) | Weight lbs./ft. | No. of Cond. | Diam. (in.) | Weight lbs./ft. | No. of Cond. | Diam. (in.) | Weight lbs./ft. | No. of Cond. | Diam. (in.) | Weight lbs./ft. | No. of Cond. | Diam. (in.) | Weight lbs./ft. |
| 2 | 7.0 | .390 | 2 | 10.0 | .405 | 2 | 15.0 | .530 | 2 | 20.0 | .605 | 2 | 25.0 | .645 |
| 3 | 7.0 | .405 | 3 | 10.0 | .430 | 3 | 15.0 | .560 | 3 | 20.0 | .640 | 3 | 25.0 | .695 |
| 4 | 5.6 | .435 | 4 | 8.0 | .485 | 4 | 12.0 | .605 | 4 | 16.0 | .670 | 4 | 20.0 | .750 |
| 5 | 5.6 | .495 | 5 | 8.0 | .525 | 5 | 12.0 | .685 | 5 | 16.0 | .730 | 5 | 20.0 | .815 |
| 6 | 5.6 | .525 | 6 | 8.0 | .565 | 6 | 12.0 | .740 | 6 | 16.0 | .800 | 6 | 20.0 | .880 |
| 7 | | .565 | 7 | | .605 | 7 | | .795 | 7 | | .860 | 7 | | .980 |
| 8 | | .600 | 8 | | .645 | 8 | | .845 | 8 | | .915 | 8 | | 1.050 |
| 9 | | .640 | 9 | | .720 | 9 | | .905 | 9 | | 1.015 | 9 | | 1.125 |
| 10 | | .640 | 10 | | .720 | 10 | | .905 | 10 | | 1.015 | 10 | | 1.125 |
| 12 | | .660 | 12 | | .740 | 12 | | .930 | 12 | | 1.045 | 12 | | 1.155 |
| 14 | | .715 | 14 | | .775 | 14 | | .980 | 14 | | 1.100 | 16 | | 1.290 |
| 16 | | .760 | 16 | | .825 | 16 | | 1.075 | 16 | | 1.155 | 20 | | 1.460 |
| 18 | | .800 | 18 | | .860 | 18 | | 1.125 | 18 | | 1.225 | 24 | | 1.600 |
| 20 | | .835 | 20 | | .900 | 20 | | 1.180 | 20 | | 1.285 | 26 | | 1.600 |
| 22 | | .870 | 22 | | .940 | 22 | | 1.230 | 22 | | 1.375 | | | |
| 24 | | .910 | 24 | | 1.015 | 24 | | 1.290 | 24 | | 1.445 | | | |
| 26 | | .910 | 26 | | 1.015 | 26 | | 1.290 | 26 | | 1.445 | | | |
| 28 | | .995 | 28 | | 1.070 | 28 | | 1.400 | 28 | | 1.525 | | | |
| 30 | | .995 | 30 | | 1.070 | 30 | | 1.400 | 30 | | 1.525 | | | |
| 32 | | 1.035 | 32 | | 1.115 | 32 | | 1.460 | 32 | | 1.525 | | | |
| 34 | | 1.070 | 34 | | 1.155 | 34 | | 1.510 | 34 | | 1.525 | | | |
| 36 | | 1.070 | 36 | | 1.155 | 36 | | 1.510 | 36 | | 1.525 | | | |
| 40 | | 1.140 | 40 | | 1.235 | 40 | | 1.235 | 40 | | 1.235 | | | |
| 44 | | 1.180 | 44 | | 1.275 | 44 | | 1.275 | 44 | | 1.275 | | | |
| 48 | | 1.200 | 48 | | 1.295 | 48 | | 1.295 | 48 | | 1.295 | | | |
| 52 | | 1.230 | 52 | | 1.365 | 52 | | 1.365 | 52 | | 1.365 | | | |
| 56 | | 1.230 | 56 | | 1.410 | 56 | | 1.410 | 56 | | 1.410 | | | |
| 60 | | 1.305 | 60 | | 1.0549 | 60 | | 1.0549 | 60 | | 1.0549 | | | |

Note: The current capacity of each conductor in Type SO cable with 4 or more conductors is as follows:
 4 to 6 conductors - 80% of values shown
 7 to 24 conductors - 70% of values shown
 25 to 42 conductors - 60% of values shown
 43 or more conductors - 50% of values shown

Dimensions

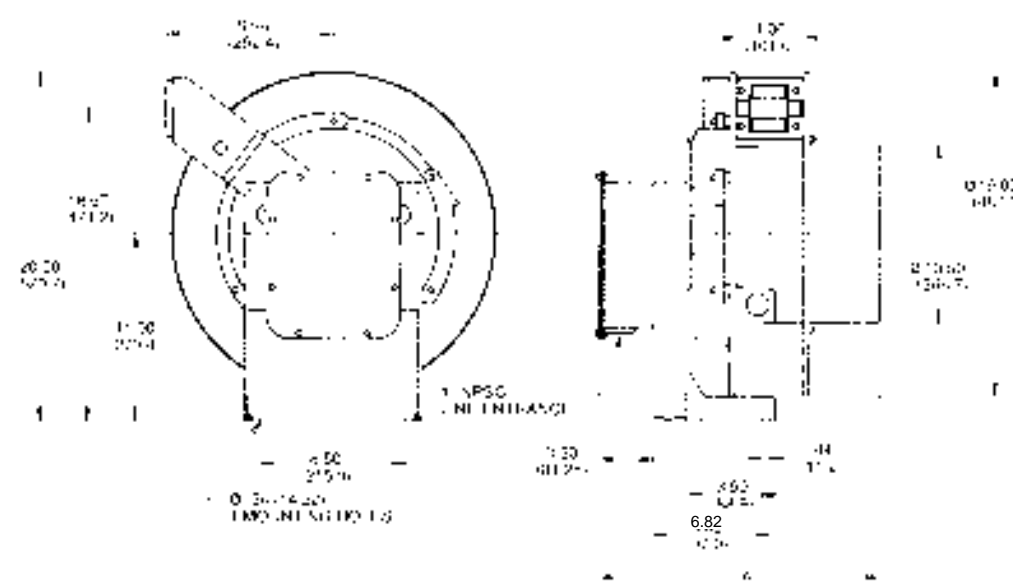
Series **900** Reels



ELECTRIFICATION LISTINGS
 Pow-R-Mite Cable Reels are constructed to standards published by NEC, UL, and CSA. All reels shipped in Canada are CSA approved.

ERA4000 Series Welding Reels are dimensioned the same as the 4 Conductor Model Above.

Series **1000** Reels



| Model | Dim. A in. | mm | Weight Lbs. |
|-------------|------------|-----|-------------|
| 1051-xx-302 | 16.67 | 423 | 81 |
| 1051-xx-303 | | | 81 |
| 1051-xx-304 | | | 81 |
| 1051-xx-306 | | | 82 |
| 1051-xx-402 | | | 81 |
| 1051-xx-403 | | | 81 |
| 1051-xx-308 | 18.84 | 479 | 82 |
| 1051-xx-310 | | | 83 |
| 1051-xx-312 | | | 83 |
| 1051-xx-404 | | | 82 |
| 1051-xx-405 | | | 83 |
| 1051-xx-314 | 21.65 | 500 | 84 |
| 1051-xx-316 | | | 84 |
| 1051-xx-902 | | | 82 |
| 1051-xx-320 | 25.00 | 635 | 86 |

Chart shows dimensional variables within a reel series - "xx" in the catalog number listing represents the drive system and does not affect reel dimensions.
 See page 38 for slip ring rating and junction box detail.

All Pow-R-Matic Reels listed in this catalog have capacities based on the figures shown here. Due to the importance of cable weight and diameter in figuring reel capacities, the listings below are conservative to compensate for manufacturing variations in cable O.D. and weight. Should you intend using a cable of larger diameter or greater weight than shown, please advise the factory. Ampere ratings are based on 75°C insulation. Higher ratings may be obtained with other insulations. Refer to the National Electric Code for details.

Type **W** Cable **600** Volts

| Wire Size AWG | No. of Cond. | Current Cap., Amps. | Diameter, inches | Weight lbs./ft. |
|---------------|--------------|---------------------|------------------|-----------------|
| 8 | 2 | 45 | .81 | .407 |
| | 3 | 45 | .90 | .528 |
| | 4 | 36 | .99 | .693 |
| 6 | 2 | 65 | 1.19 | .865 |
| | 3 | 65 | .93 | .583 |
| | 4 | 65 | .99 | .781 |
| 4 | 2 | 85 | 1.10 | .957 |
| | 3 | 85 | 1.20 | 1.265 |
| | 4 | 52 | 1.36 | 1.138 |
| 3 | 2 | 85 | 1.08 | .841 |
| | 3 | 85 | 1.20 | 1.155 |
| | 4 | 68 | 1.32 | 1.424 |
| 2 | 2 | 100 | 1.22 | .946 |
| | 3 | 100 | 1.27 | 1.265 |
| | 4 | 80 | 1.40 | 1.551 |
| 1 | 2 | 115 | 1.27 | 1.067 |
| | 3 | 115 | 1.34 | 1.402 |
| | 4 | 92 | 1.55 | 1.848 |
| 1/0 | 2 | 130 | 1.44 | 1.430 |
| | 3 | 130 | 1.51 | 1.842 |
| | 4 | 104 | 1.75 | 2.332 |
| 2/0 | 2 | 150 | 1.50 | 1.573 |
| | 3 | 150 | 1.65 | 2.145 |
| | 4 | 120 | 1.88 | 2.646 |
| 3/0 | 2 | 175 | 1.65 | 1.908 |
| | 3 | 175 | 1.75 | 2.299 |
| | 4 | 140 | 2.02 | 4.059 |
| 4/0 | 2 | 200 | 1.77 | 2.442 |
| | 3 | 200 | 1.97 | 3.630 |
| | 4 | 160 | 2.15 | 4.697 |
| 4/0 | 2 | 230 | 1.92 | 3.740 |
| | 3 | 230 | 2.10 | 4.455 |
| | 4 | 184 | 2.34 | 5.764 |

Type **G** Cable **600** Volts

| Wire Size AWG | No. of Cond. | Current Cap., Amps. | Diameter inches | Weight lbs./ft. |
|---------------|--------------|---------------------|-----------------|-----------------|
| 8 | 2 | 45 | .81 | .440 |
| | 3 | 45 | .91 | .572 |
| | 4 | 34 | .99 | .742 |
| 6 | 2 | 65 | .93 | .654 |
| | 3 | 65 | 1.01 | .841 |
| | 4 | 52 | 1.10 | 1.034 |
| 4 | 2 | 85 | 1.08 | .957 |
| | 3 | 85 | 1.20 | 1.265 |
| | 4 | 68 | 1.30 | 1.540 |
| 3 | 2 | 100 | 1.16 | 1.089 |
| | 3 | 100 | 1.26 | 1.364 |
| | 4 | 80 | 1.36 | 1.771 |
| 2 | 2 | 115 | 1.27 | 1.265 |
| | 3 | 115 | 1.34 | 1.573 |
| | 4 | 92 | 1.55 | 2.007 |
| 1 | 2 | 130 | 1.44 | 1.688 |
| | 3 | 130 | 1.51 | 2.112 |
| | 4 | 104 | 1.75 | 2.607 |
| 1/0 | 2 | 150 | 1.52 | 1.870 |
| | 3 | 150 | 1.65 | 2.431 |
| | 4 | 120 | 1.87 | 2.959 |
| 2/0 | 2 | 175 | 1.65 | 2.255 |
| | 3 | 175 | 1.75 | 2.838 |
| | 4 | 140 | 2.02 | 3.630 |
| 3/0 | 2 | 200 | 1.80 | 2.860 |
| | 3 | 200 | 1.97 | 3.608 |
| | 4 | 160 | 2.15 | 4.631 |
| 4/0 | 2 | 230 | 2.00 | 3.245 |
| | 3 | 230 | 2.10 | 4.191 |
| | 4 | 184 | 2.34 | 5.610 |

Dimensions

Series 1100M Reels

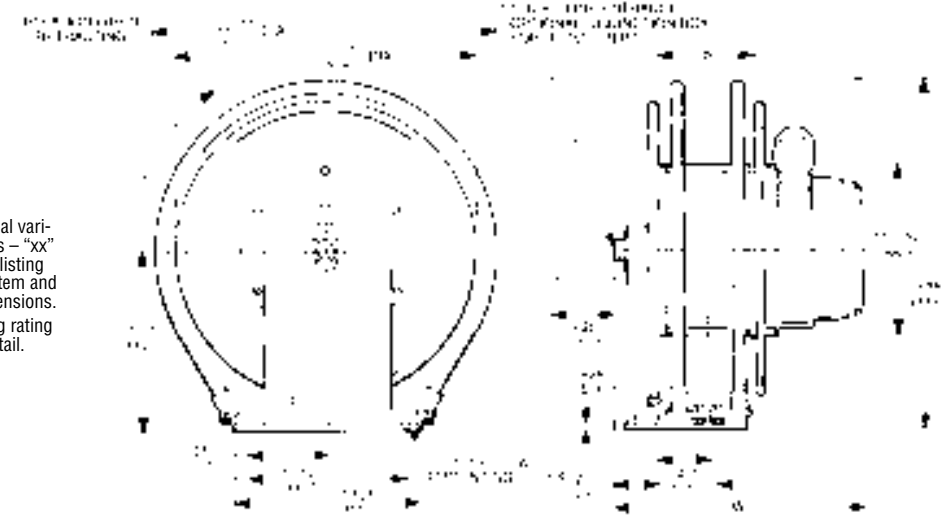


Chart shows dimensional variables within a reel series - "xx" in the catalog number listing represents the drive system and does not affect reel dimensions. See page 38 for slip ring rating and junction box detail.

Table with 5 columns: Model, Dim. B (in./mm), Dim. Y (in./mm), Dim. W (in./mm), Weight (lbs./kg). Rows include models 1122-xx-303 through 1143-xx-303 and ER61000.

Dimensions

Series 1200M & 1300M Reels

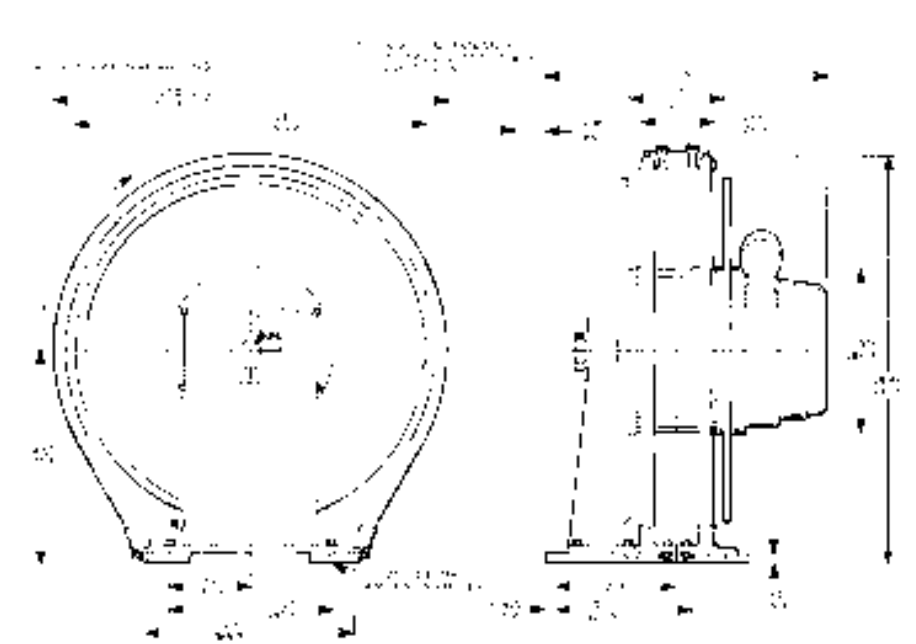


Chart shows dimensional variables within a reel series - "xx" in the catalog number listing represents the drive system and does not affect reel dimensions. See page 38 for slip ring rating and junction box detail.

Table with 3 columns: Model, Dim. B (in./mm), Weight (lbs./kg). Rows include models 1253-xx-303 through 1255-xx-303.

Table with 3 columns: Model, Dim. B (in./mm), Weight (lbs./kg). Rows include models 1257-xx-303 through 1356-xx-304.

Dimensions

Series 1400M & 1500M Reels

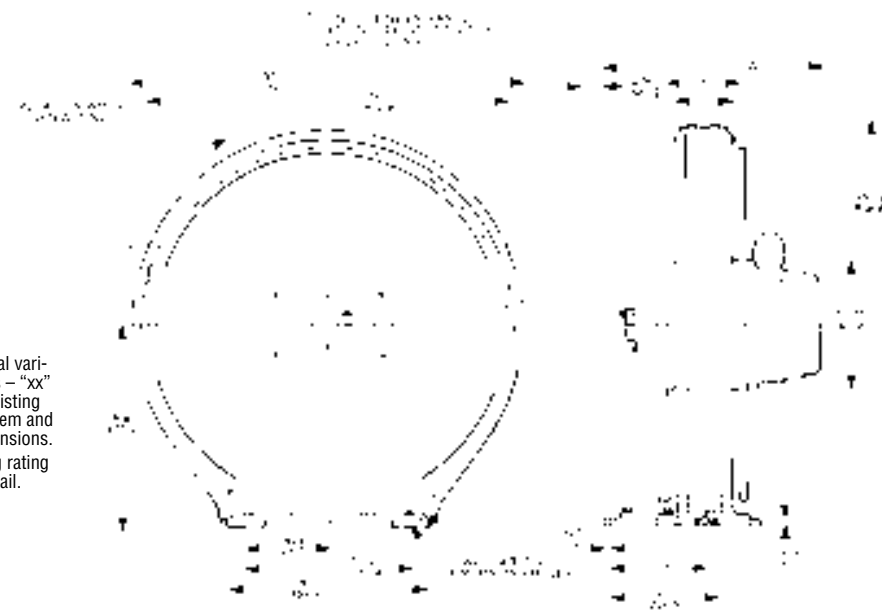


Chart shows dimensional variables within a reel series - "xx" in the catalog number listing represents the drive system and does not affect reel dimensions. See page 38 for slip ring rating and junction box detail.

| Series No. | Dim. B in. mm | Dim. D in. mm | Dim. Y in. mm |
|-------------------|------------------|------------------|------------------|
| 1443, 1445 & 1446 | 4.0 101.6 | 4.88 124.0 | 7.63 193.8 |
| 1544&1546 | | | |
| 1475&1476 | 7.0 177.8 | 6.19 157.2 | 9.13 231.9 |
| 1574&1576 | | | |

| Model | Dim. W in. mm | Weight lbs. Kg |
|-------------|------------------|-------------------|
| 1443-xx-303 | 19.56 496.8 | 229 104.0 |
| 304 | 19.56 496.8 | 229 104.0 |
| 306 | 21.56 547.6 | 230 104.4 |
| 308 | 21.56 547.6 | 231 104.9 |
| 310 | 23.56 598.4 | 232 105.3 |
| 312 | 23.56 598.4 | 233 105.8 |
| 316 | 25.56 649.2 | 235 106.7 |
| 320 | 27.56 700.0 | 238 108.1 |
| 324 | 29.56 750.8 | 240 109.0 |
| 330 | 33.56 852.4 | 243 110.3 |
| 336 | 35.56 903.2 | 246 111.7 |
| 402 | 21.56 547.6 | 230 104.4 |
| 403 | 21.56 547.6 | 230 104.4 |
| 404 | 21.56 547.6 | 231 104.9 |
| 902 | 23.56 598.4 | 231 104.9 |
| 903 | 23.56 598.4 | 232 105.3 |
| 904 | 25.56 649.2 | 234 106.2 |
| 1445-xx-303 | 23.88 606.5 | 279 126.7 |
| 304 | 23.88 606.5 | 279 126.7 |
| 306 | 25.88 657.4 | 280 127.1 |
| 308 | 25.88 657.4 | 281 127.6 |
| 310 | 27.88 708.2 | 282 128.0 |
| 312 | 27.88 708.2 | 283 128.5 |
| 316 | 29.88 759.0 | 285 129.4 |
| 320 | 31.88 809.8 | 288 130.8 |
| 324 | 33.88 860.6 | 290 131.7 |
| 330 | 37.88 962.2 | 293 133.0 |
| 336 | 39.88 1013.0 | 296 134.4 |
| 402 | 25.88 657.4 | 280 127.1 |
| 403 | 25.88 657.4 | 280 127.1 |
| 404 | 25.88 657.4 | 281 127.6 |
| 902 | 27.88 708.2 | 281 127.6 |
| 903 | 27.88 708.2 | 282 128.0 |
| 904 | 29.88 759.0 | 284 128.9 |
| 1446-xx-303 | 26.06 661.9 | 304 138.0 |
| 304 | 26.06 661.9 | 304 138.0 |
| 306 | 28.06 712.7 | 305 138.5 |
| 308 | 28.06 712.7 | 306 138.9 |
| 310 | 30.06 763.5 | 307 139.4 |
| 312 | 30.06 763.5 | 308 139.8 |
| 316 | 32.06 814.3 | 310 140.7 |
| 1475-xx-303 | 23.88 606.5 | 279 126.7 |
| 304 | 23.88 606.5 | 279 126.7 |
| 306 | 25.88 657.4 | 280 127.1 |
| 308 | 25.88 657.4 | 281 127.6 |
| 310 | 27.88 708.2 | 282 128.0 |
| 312 | 27.88 708.2 | 283 128.5 |
| 316 | 29.88 759.0 | 285 129.4 |
| 320 | 31.88 809.8 | 288 130.8 |
| 324 | 33.88 860.6 | 290 131.7 |
| 330 | 37.88 962.2 | 293 133.0 |
| 336 | 39.88 1013.0 | 296 134.4 |
| 402 | 25.88 657.4 | 280 127.1 |
| 403 | 25.88 657.4 | 280 127.1 |
| 404 | 25.88 657.4 | 281 127.6 |
| 902 | 27.88 708.2 | 281 127.6 |
| 903 | 27.88 708.2 | 282 128.0 |
| 904 | 29.88 759.0 | 284 128.9 |
| 1476-xx-303 | 26.06 661.9 | 304 138.0 |
| 304 | 26.06 661.9 | 304 138.0 |
| 306 | 28.06 712.7 | 305 138.5 |
| 308 | 28.06 712.7 | 306 138.9 |
| 310 | 30.06 763.5 | 307 139.4 |
| 312 | 30.06 763.5 | 308 139.8 |
| 316 | 32.06 814.3 | 310 140.7 |
| 1544-xx-306 | 23.74 603.0 | 255 115.9 |
| 308 | 23.74 603.0 | 256 116.4 |
| 310 | 25.74 653.8 | 257 116.8 |
| 312 | 25.74 653.8 | 258 117.3 |
| 316 | 27.74 704.6 | 260 118.2 |
| 320 | 29.74 755.4 | 263 119.5 |
| 324 | 31.74 806.2 | 265 120.5 |
| 330 | 35.74 907.8 | 268 121.8 |
| 336 | 37.74 958.6 | 271 123.2 |
| 402 | 23.74 603.0 | 255 115.9 |
| 403 | 23.74 603.0 | 255 115.9 |
| 404 | 23.74 603.0 | 256 116.4 |
| 902 | 25.74 653.8 | 257 116.8 |
| 903 | 25.74 653.8 | 257 116.8 |
| 904 | 27.74 704.6 | 259 117.7 |
| 1546-xx-304 | 26.06 661.9 | 304 138.0 |
| 306 | 28.06 712.7 | 305 138.5 |
| 308 | 28.06 712.7 | 306 138.9 |
| 310 | 30.06 763.5 | 307 139.4 |
| 312 | 30.06 763.5 | 308 139.8 |
| 316 | 32.06 814.3 | 310 140.7 |
| 320 | 34.06 865.1 | 313 142.1 |
| 402 | 28.06 712.7 | 305 138.5 |
| 403 | 28.06 712.7 | 305 138.5 |
| 404 | 28.06 712.7 | 306 138.9 |
| 1574-xx-324 | 31.74 806.2 | 265 120.5 |
| 330 | 35.74 907.8 | 268 121.8 |
| 336 | 37.74 958.6 | 271 123.2 |
| 902 | 25.74 653.8 | 257 116.8 |
| 904 | 25.74 653.8 | 257 116.8 |
| 1576-xx-320 | 34.06 865.1 | 313 142.1 |
| 324 | 36.06 915.9 | 315 143.0 |
| 330 | 40.06 1017.5 | 318 144.4 |
| 336 | 42.06 1068.3 | 321 145.7 |
| 902 | 30.06 763.5 | 306 138.9 |
| 903 | 30.06 763.5 | 307 139.4 |
| 904 | 32.06 814.3 | 309 140.4 |

Dimensions

Series 2000 Reels

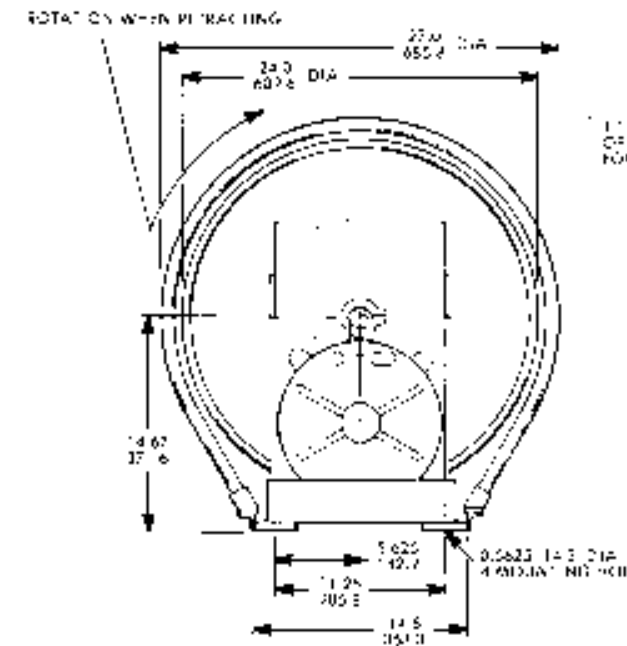
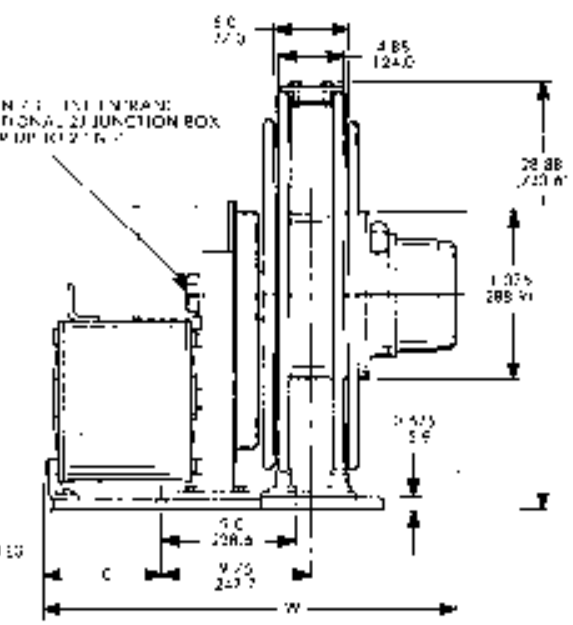


Chart shows dimensional variables within a reel series - "xx" in the catalog number listing represents the drive system and does not affect reel dimensions.

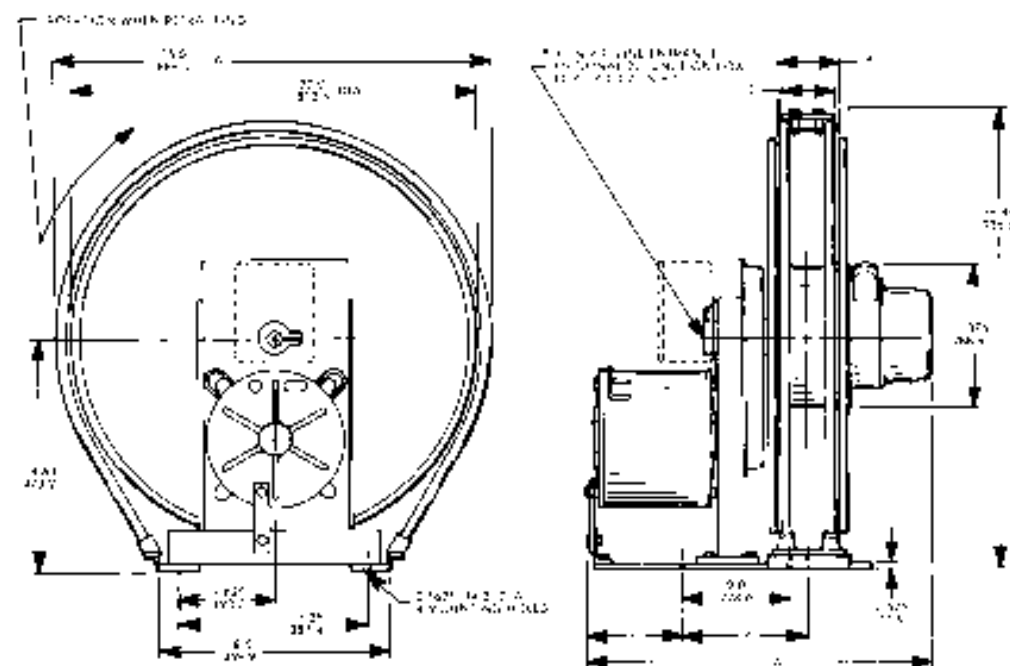


See page 38 for slip ring rating and junction box detail. SERVICE OPTION (Page 28) will increase Dimensions C and W by 2.86 inches (73 mm)

| Model | Dim. C in. mm | Dim. W in. mm | Weight lbs. Kg |
|-------------|------------------|------------------|-------------------|
| 2050-xx-303 | 21.88 555.8 | 41.88 1063.8 | 358 162.5 |
| 306 | 21.88 555.8 | 43.88 1114.6 | 360 163.4 |
| 2053-xx-306 | 6.75 171.5 | 27.38 695.5 | 214 97.2 |
| 308 | 6.75 171.5 | 27.38 695.5 | 215 97.6 |
| 310 | 6.75 171.5 | 29.38 746.3 | 216 98.1 |
| 312 | 6.75 171.5 | 29.38 746.3 | 217 98.5 |
| 316 | 6.75 171.5 | 31.38 797.1 | 218 99.0 |
| 320 | 6.75 171.5 | 33.38 847.9 | 222 100.8 |
| 324 | 6.75 171.5 | 35.38 898.7 | 224 101.7 |
| 330 | 6.75 171.5 | 39.38 1002.5 | 227 103.1 |
| 336 | 6.75 171.5 | 41.38 1051.1 | 229 104.0 |
| 402 | 6.75 171.5 | 27.38 695.5 | 213 96.7 |
| 403 | 6.75 171.5 | 27.38 695.5 | 214 97.2 |
| 404 | 6.75 171.5 | 27.38 695.5 | 214 97.2 |
| 902 | 6.75 171.5 | 29.38 746.3 | 215 97.6 |
| 903 | 6.75 171.5 | 29.38 746.3 | 216 98.1 |
| 904 | 6.75 171.5 | 31.38 797.1 | 217 98.5 |
| 2054-xx-306 | 8.88 225.6 | 30.88 784.4 | 235 106.7 |
| 308 | 8.88 225.6 | 30.88 784.4 | 236 107.2 |
| 310 | 8.88 225.6 | 32.88 835.2 | 237 107.6 |
| 312 | 8.88 225.6 | 32.88 835.2 | 237 107.6 |
| 316 | 8.88 225.6 | 34.88 886.0 | 239 108.5 |
| 330 | 8.88 225.6 | 42.88 1089.2 | 247 112.1 |
| 336 | 8.88 225.6 | 44.88 1140.0 | 250 113.5 |
| 402 | 8.88 225.6 | 30.88 784.4 | 234 106.2 |
| 403 | 8.88 225.6 | 30.88 784.4 | 235 106.7 |
| 404 | 8.88 225.6 | 30.88 784.4 | 235 106.7 |
| 902 | 8.88 225.6 | 32.88 835.2 | 235 106.7 |
| 903 | 8.88 225.6 | 32.88 835.2 | 237 107.6 |
| 904 | 8.88 225.6 | 34.88 886.0 | 238 108.1 |
| 2055-xx-303 | 11.12 282.5 | 31.00 787.4 | 254 115.3 |
| 304 | 11.12 282.5 | 31.00 787.4 | 255 115.8 |
| 306 | 11.12 282.5 | 33.00 838.2 | 256 116.2 |
| 308 | 11.12 282.5 | 33.00 838.2 | 257 116.7 |
| 310 | 11.12 282.5 | 35.00 889.0 | 257 116.7 |
| 312 | 11.12 282.5 | 35.00 889.0 | 258 117.1 |
| 2056-xx-303 | 13.25 336.6 | 33.25 844.6 | 275 124.9 |
| 304 | 13.25 336.6 | 33.25 844.6 | 276 125.3 |
| 306 | 13.25 336.6 | 35.25 895.4 | 277 125.8 |
| 308 | 13.25 336.6 | 35.25 895.4 | 278 126.2 |
| 310 | 13.25 336.6 | 37.25 946.2 | 278 126.2 |
| 312 | 13.25 336.6 | 37.25 946.2 | 279 126.7 |
| 316 | 13.25 336.6 | 39.25 997.0 | 280 127.1 |
| 320 | 13.25 336.6 | 41.25 1047.8 | 281 127.6 |
| 402 | 13.25 336.6 | 35.25 895.4 | 276 125.3 |
| 403 | 13.25 336.6 | 35.25 895.4 | 277 125.8 |
| 404 | 13.25 336.6 | 35.25 895.4 | 288 130.8 |
| 2057-xx-303 | 15.38 390.7 | 35.38 898.7 | 296 134.4 |
| 304 | 15.38 390.7 | 35.38 898.7 | 297 134.8 |
| 306 | 15.38 390.7 | 37.38 949.5 | 297 134.8 |
| 308 | 15.38 390.7 | 37.38 949.5 | 298 135.3 |
| 403 | 15.38 390.7 | 37.38 949.5 | 297 134.8 |
| 404 | 15.38 390.7 | 37.38 949.5 | 298 135.3 |
| 2058-xx-303 | 17.63 447.8 | 37.50 952.5 | 317 143.9 |
| 304 | 17.63 447.8 | 37.50 952.5 | 317 143.9 |
| 306 | 17.63 447.8 | 39.50 1003.3 | 318 144.4 |
| 308 | 17.63 447.8 | 39.50 1003.3 | 319 144.8 |
| 402 | 17.63 447.8 | 39.50 1003.3 | 318 144.4 |
| 403 | 17.63 447.8 | 39.50 1003.3 | 318 144.4 |
| 404 | 17.63 447.8 | 39.50 1003.3 | 319 144.8 |
| 2059-xx-303 | 19.75 501.7 | 39.75 1009.7 | 338 153.5 |
| 304 | 19.75 501.7 | 39.75 1009.7 | 338 153.5 |
| 306 | 19.75 501.7 | 41.75 1060.5 | 339 153.9 |
| 308 | 19.75 501.7 | 41.75 1060.5 | 341 154.8 |
| 404 | 19.75 501.7 | 41.75 1060.5 | 340 154.4 |

Dimensions

Series 2300 Reels



| Series No. | Dim. B | | Dim. D | | Dim. Y | |
|------------|--------|-------|--------|-------|--------|-------|
| | in. | mm | in. | mm | in. | mm |
| 2340 | 4.00 | 101.6 | 4.88 | 124.0 | 9.25 | 235.0 |
| 2343 | 4.00 | 101.6 | 4.88 | 124.0 | 9.25 | 235.0 |
| 2344 | 4.00 | 101.6 | 4.88 | 124.0 | 9.25 | 235.0 |
| 2345 | 4.00 | 101.6 | 4.88 | 124.0 | 9.25 | 235.0 |
| 2346 | 4.00 | 101.6 | 4.88 | 124.0 | 9.25 | 235.0 |
| 2347 | 4.00 | 101.6 | 4.88 | 124.0 | 9.25 | 235.0 |
| 2348 | 4.00 | 101.6 | 4.88 | 124.0 | 9.25 | 235.0 |
| 2349 | 4.00 | 101.6 | 4.88 | 124.0 | 9.25 | 235.0 |
| 2370 | 7.00 | 177.8 | 6.19 | 157.2 | 10.75 | 273.1 |
| 2374 | 7.00 | 177.8 | 6.19 | 157.2 | 10.75 | 273.1 |
| 2375 | 7.00 | 177.8 | 6.19 | 157.2 | 10.75 | 273.1 |
| 2376 | 7.00 | 177.8 | 6.19 | 157.2 | 10.75 | 273.1 |
| 2377 | 7.00 | 177.8 | 6.19 | 157.2 | 10.75 | 273.1 |
| 2378 | 7.00 | 177.8 | 6.19 | 157.2 | 10.75 | 273.1 |
| 2379 | 7.00 | 177.8 | 6.19 | 157.2 | 10.75 | 273.1 |

Chart shows dimensional variables within a reel series - "xx" in the catalog number listing represents the drive system and does not affect reel dimensions.

See page 38 for slip ring rating and junction box detail.

SERVICE OPTION (Page 28)
will increase Dimensions C and W by 2.86 inches (73 mm)

| Model | Dim. C | | Dim. W | | Weight lbs. Kg |
|-------------|--------|-------|--------|--------|-------------------|
| | in. | mm | in. | mm | |
| 2340-xx-304 | 21.88 | 555.8 | 40.38 | 1025.7 | 417 189.3 |
| 306 | 21.88 | 555.8 | 42.38 | 1076.5 | 418 189.3 |
| 308 | 21.88 | 555.8 | 42.38 | 1076.5 | 419 190.2 |
| 310 | 21.88 | 555.8 | 44.38 | 1127.3 | 420 190.7 |
| 312 | 21.88 | 555.8 | 44.38 | 1127.3 | 422 191.6 |
| 402 | 21.88 | 555.8 | 42.38 | 1076.5 | 418 189.8 |
| 403 | 21.88 | 555.8 | 42.38 | 1076.5 | 418 189.8 |
| 404 | 21.88 | 555.8 | 42.38 | 1076.5 | 419 190.2 |
| 902 | 21.88 | 555.8 | 44.38 | 1127.3 | 419 190.2 |
| 904 | 21.88 | 555.8 | 46.38 | 1178.1 | 422 191.6 |
| 2343-xx-316 | 6.75 | 171.5 | 31.12 | 790.5 | 276 125.3 |
| 320 | 6.75 | 171.5 | 33.12 | 841.3 | 280 127.1 |
| 324 | 6.75 | 171.5 | 35.12 | 892.1 | 282 128.0 |
| 330 | 6.75 | 171.5 | 39.12 | 993.7 | 284 128.9 |
| 336 | 6.75 | 171.5 | 41.12 | 1044.5 | 287 130.3 |
| 404 | 6.75 | 171.5 | 27.12 | 688.9 | 272 123.5 |
| 902 | 6.75 | 171.5 | 29.12 | 739.7 | 272 123.5 |
| 903 | 6.75 | 171.5 | 29.12 | 739.7 | 274 124.4 |
| 904 | 6.75 | 171.5 | 31.12 | 790.5 | 275 124.9 |

| Model | Dim. C | | Dim. W | | Weight lbs. Kg |
|-------------|--------|-------|--------|--------|-------------------|
| | in. | mm | in. | mm | |
| 2344-xx-308 | 8.88 | 225.6 | 29.38 | 746.3 | 294 133.5 |
| 310 | 8.88 | 225.6 | 31.38 | 797.1 | 295 133.9 |
| 312 | 8.88 | 225.6 | 31.38 | 797.1 | 295 133.9 |
| 316 | 8.88 | 225.6 | 33.38 | 847.9 | 297 134.8 |
| 320 | 8.88 | 225.6 | 35.38 | 898.7 | 301 136.7 |
| 324 | 8.88 | 225.6 | 37.38 | 949.5 | 303 137.6 |
| 330 | 8.88 | 225.6 | 41.38 | 1051.1 | 305 138.5 |
| 336 | 8.88 | 225.6 | 43.38 | 1101.9 | 308 139.8 |
| 402 | 8.88 | 225.6 | 29.38 | 746.3 | 292 132.6 |
| 404 | 8.88 | 225.6 | 29.38 | 746.3 | 293 133.0 |
| 902 | 8.88 | 225.6 | 31.38 | 797.1 | 293 133.0 |
| 903 | 8.88 | 225.6 | 31.38 | 797.1 | 295 133.9 |
| 904 | 8.88 | 225.6 | 33.38 | 847.9 | 296 134.4 |
| 2345-xx-304 | 11.12 | 282.5 | 29.50 | 749.3 | 313 142.1 |
| 306 | 11.12 | 282.5 | 31.50 | 800.1 | 314 142.6 |
| 308 | 11.12 | 282.5 | 31.50 | 800.1 | 315 143.0 |
| 310 | 11.12 | 282.5 | 33.50 | 850.9 | 315 143.0 |
| 312 | 11.12 | 282.5 | 33.50 | 850.9 | 316 143.5 |
| 316 | 11.12 | 282.5 | 35.50 | 901.7 | 318 144.4 |
| 320 | 11.12 | 282.5 | 37.50 | 952.5 | 322 146.2 |
| 324 | 11.12 | 282.5 | 39.50 | 1003.3 | 324 147.1 |
| 330 | 11.12 | 282.5 | 43.50 | 1104.9 | 326 148.0 |
| 336 | 11.12 | 282.5 | 45.50 | 1155.7 | 329 149.4 |
| 402 | 11.12 | 282.5 | 31.50 | 800.1 | 313 142.1 |
| 403 | 11.12 | 282.5 | 31.50 | 800.1 | 314 142.6 |
| 404 | 11.12 | 282.5 | 31.50 | 800.1 | 314 142.6 |
| 902 | 11.12 | 282.5 | 33.50 | 850.9 | 314 142.6 |
| 903 | 11.12 | 282.5 | 33.50 | 850.9 | 316 143.5 |
| 904 | 11.12 | 282.5 | 35.50 | 901.7 | 317 143.9 |

Dimensions

Series 2300 Reels

| Model | Dim. C | | Dim. W | | Weight lbs. Kg |
|-------------|--------|-------|--------|--------|-------------------|
| | in. | mm | in. | mm | |
| 2346-xx-304 | 13.25 | 336.6 | 31.62 | 803.2 | 334 151.6 |
| 306 | 13.25 | 336.6 | 33.62 | 854.0 | 335 152.1 |
| 308 | 13.52 | 336.6 | 33.62 | 854.0 | 335 152.1 |
| 310 | 13.25 | 336.6 | 35.62 | 904.8 | 336 152.5 |
| 312 | 13.25 | 336.6 | 35.62 | 904.8 | 337 153.0 |
| 316 | 13.25 | 336.6 | 37.62 | 955.6 | 339 153.9 |
| 320 | 13.25 | 336.6 | 39.62 | 1006.4 | 343 155.7 |
| 324 | 13.25 | 336.6 | 41.62 | 1057.2 | 344 156.2 |
| 330 | 13.25 | 336.6 | 45.62 | 1158.8 | 347 157.5 |
| 336 | 13.25 | 336.6 | 47.62 | 1209.6 | 350 158.9 |
| 402 | 13.25 | 336.6 | 31.62 | 803.2 | 334 151.6 |
| 403 | 13.25 | 336.6 | 31.62 | 803.2 | 334 151.6 |
| 404 | 13.25 | 336.6 | 31.62 | 803.2 | 335 152.1 |
| 902 | 13.25 | 336.6 | 33.62 | 854.0 | 335 152.1 |
| 903 | 13.25 | 336.6 | 33.62 | 854.0 | 337 153.0 |
| 904 | 13.25 | 336.6 | 35.62 | 904.8 | 338 153.5 |
| 2347-xx-304 | 15.38 | 390.7 | 33.88 | 860.6 | 355 161.2 |
| 306 | 15.38 | 390.7 | 35.88 | 911.4 | 355 161.2 |
| 308 | 15.38 | 390.7 | 35.88 | 911.4 | 356 161.6 |
| 310 | 15.38 | 390.7 | 37.88 | 962.2 | 357 162.1 |
| 312 | 15.38 | 390.7 | 37.88 | 962.2 | 358 162.5 |
| 316 | 15.38 | 390.7 | 39.88 | 1013.0 | 360 163.4 |
| 320 | 15.38 | 390.7 | 41.88 | 1063.8 | 364 165.3 |
| 324 | 15.38 | 390.7 | 43.88 | 1114.6 | 365 165.7 |
| 330 | 15.38 | 390.7 | 47.88 | 1216.2 | 370 168.0 |
| 402 | 15.38 | 390.7 | 35.88 | 911.4 | 355 161.2 |
| 403 | 15.38 | 390.7 | 35.88 | 911.4 | 355 161.2 |
| 404 | 15.38 | 390.7 | 35.88 | 911.4 | 356 161.6 |
| 902 | 15.38 | 390.7 | 37.88 | 962.2 | 356 161.6 |
| 903 | 15.38 | 390.7 | 37.88 | 962.2 | 358 162.5 |
| 904 | 15.38 | 390.7 | 39.88 | 1013.0 | 359 163.0 |
| 2348-xx-306 | 17.63 | 447.8 | 38.00 | 965.2 | 376 170.7 |
| 308 | 17.63 | 447.8 | 38.00 | 965.2 | 377 171.2 |
| 310 | 17.63 | 447.8 | 40.00 | 1016.0 | 378 171.6 |
| 312 | 17.63 | 447.8 | 40.00 | 1016.0 | 379 172.1 |
| 316 | 17.63 | 447.8 | 42.00 | 1066.8 | 381 173.0 |
| 320 | 17.63 | 447.8 | 44.00 | 1117.6 | 382 173.4 |
| 402 | 17.63 | 447.8 | 38.00 | 965.2 | 376 170.7 |
| 403 | 17.63 | 447.8 | 38.00 | 965.2 | 376 170.7 |
| 404 | 17.63 | 447.8 | 38.00 | 965.2 | 377 171.2 |
| 903 | 17.63 | 447.8 | 40.00 | 1016.0 | 379 172.1 |
| 904 | 17.63 | 447.8 | 42.00 | 1066.8 | 380 172.5 |
| 2349-xx-303 | 19.75 | 495.7 | 38.12 | 968.2 | 395 179.3 |
| 304 | 19.75 | 495.7 | 38.12 | 968.2 | 396 179.8 |
| 306 | 19.75 | 495.7 | 40.12 | 1019.1 | 397 180.2 |
| 308 | 19.75 | 495.7 | 40.12 | 1019.1 | 398 180.7 |
| 310 | 19.75 | 495.7 | 42.12 | 1069.9 | 399 181.1 |
| 312 | 19.75 | 495.7 | 42.12 | 1069.9 | 400 181.6 |
| 316 | 19.75 | 495.7 | 44.12 | 1120.7 | 402 182.5 |
| 320 | 19.75 | 495.7 | 46.12 | 1171.5 | 405 183.9 |
| 402 | 19.75 | 495.7 | 38.12 | 968.2 | 397 180.2 |
| 403 | 19.75 | 495.7 | 38.12 | 968.2 | 397 180.2 |
| 404 | 19.75 | 495.7 | 38.12 | 968.2 | 398 180.7 |
| 902 | 19.75 | 495.7 | 40.12 | 1019.1 | 398 180.7 |
| 903 | 19.75 | 495.7 | 40.12 | 1019.1 | 404 183.4 |
| 2370-xx-306 | 21.88 | 555.8 | 45.38 | 1152.7 | 423 192.0 |
| 308 | 21.88 | 555.8 | 45.38 | 1152.7 | 424 192.5 |
| 310 | 21.88 | 555.8 | 47.38 | 1203.4 | 425 193.0 |
| 312 | 21.88 | 555.8 | 47.38 | 1203.4 | 426 193.4 |
| 316 | 21.88 | 555.8 | 49.38 | 1254.3 | 428 194.3 |
| 320 | 21.88 | 555.8 | 51.38 | 1305.1 | 431 195.7 |
| 324 | 21.88 | 555.8 | 53.38 | 1355.9 | 433 196.6 |
| 330 | 21.88 | 555.8 | 57.38 | 1457.5 | 436 197.9 |

| Model | Dim. C | | Dim. W | | Weight lbs. Kg |
|-------------|--------|-------|--------|--------|-------------------|
| | in. | mm | in. | mm | |
| 2370-xx-336 | 21.88 | 555.8 | 59.38 | 1508.3 | 438 198.9 |
| 403 | 21.88 | 555.8 | 45.38 | 1152.7 | 423 192.0 |
| 404 | 21.88 | 555.8 | 45.38 | 1152.7 | 424 192.5 |
| 902 | 21.88 | 555.8 | 47.38 | 1203.4 | 424 192.5 |
| 903 | 21.88 | 555.8 | 47.38 | 1203.4 | 425 193.0 |
| 904 | 21.88 | 555.8 | 49.38 | 1254.3 | 427 193.9 |
| 2374-xx-324 | 8.88 | 225.6 | 40.38 | 1025.7 | 308 139.8 |
| 330 | 8.88 | 225.6 | 44.38 | 1127.3 | 310 140.7 |
| 336 | 8.88 | 225.6 | 46.38 | 1178.1 | 313 142.1 |
| 902 | 8.88 | 225.6 | 34.38 | 873.3 | 298 135.3 |
| 2375-xx-320 | 11.12 | 282.5 | 40.50 | 1028.7 | 327 148.5 |
| 324 | 11.12 | 282.5 | 42.50 | 1079.5 | 329 149.4 |
| 330 | 11.12 | 282.5 | 46.50 | 1181.1 | 331 150.3 |
| 336 | 11.12 | 282.5 | 48.50 | 1231.9 | 334 151.6 |
| 902 | 11.12 | 282.5 | 36.50 | 927.1 | 319 144.8 |
| 903 | 11.12 | 282.5 | 36.50 | 927.1 | 321 145.7 |
| 904 | 11.12 | 282.5 | 38.50 | 977.9 | 322 146.2 |
| 2376-xx-316 | 13.25 | 336.6 | 40.62 | 1031.8 | 346 157.1 |
| 320 | 13.25 | 336.6 | 42.62 | 1082.6 | 348 158.0 |
| 324 | 13.25 | 336.6 | 44.62 | 1133.4 | 349 158.4 |
| 330 | 13.25 | 336.6 | 48.62 | 1235.0 | 352 159.8 |
| 336 | 13.25 | 336.6 | 50.62 | 1285.8 | 355 161.2 |
| 902 | 13.25 | 336.6 | 38.62 | 981.0 | 340 154.4 |
| 903 | 13.25 | 336.6 | 38.62 | 981.0 | 342 155.3 |
| 904 | 13.25 | 336.6 | 40.62 | 1031.8 | 343 155.7 |
| 2377-xx-310 | 15.38 | 390.7 | 40.88 | 1038.4 | 362 164.3 |
| 312 | 15.38 | 390.7 | 40.88 | 1038.4 | 363 164.8 |
| 316 | 15.38 | 390.7 | 42.88 | 1089.2 | 365 165.7 |
| 320 | 15.38 | 390.7 | 44.88 | 1140.0 | 369 167.5 |
| 324 | 15.38 | 390.7 | 46.88 | 1190.8 | 370 168.0 |
| 330 | 15.38 | 390.7 | 50.88 | 1292.4 | 373 169.3 |
| 336 | 15.38 | 390.7 | 52.88 | 1343.2 | 376 170.7 |
| 903 | 15.38 | 390.7 | 40.88 | 1038.4 | 363 164.8 |
| 904 | 15.38 | 390.7 | 42.88 | 1089.2 | 364 165.3 |
| 2378-xx-308 | 17.63 | 447.8 | 41.00 | 1041.4 | 382 173.4 |
| 310 | 17.63 | 447.8 | 43.00 | 1092.2 | 383 173.9 |
| 312 | 17.63 | 447.8 | 43.00 | 1092.2 | 385 174.8 |
| 3 | | | | | |

Dimensions

Series 2400 Reels

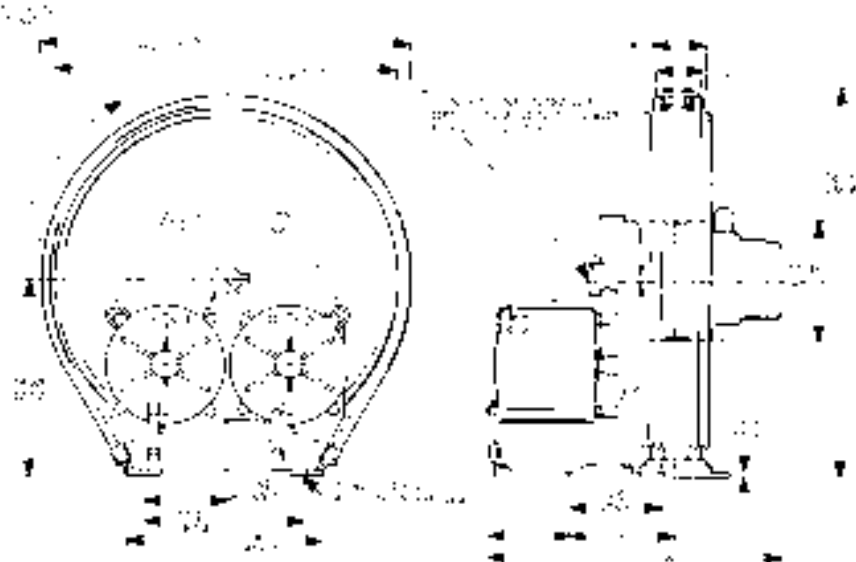


Chart shows dimensional variables within a reel series – “xx” in the catalog number listing represents the drive system and does not affect reel dimensions. See page 38 for slip ring rating and junction box detail.

SERVICE OPTION (Page 28) will increase Dimensions C and W by 2.86 inches (73 mm)

| Series No. | Dim. B in. mm | Dim. D in. mm | Dim. Y in. mm |
|------------|------------------|------------------|------------------|
| 2445 | 4.00 101.6 | 4.88 124.0 | 9.25 235.0 |
| 2446 | 4.00 101.6 | 4.88 124.0 | 9.25 235.0 |
| 2447 | 4.00 101.6 | 4.88 124.0 | 9.25 235.0 |
| 2448 | 4.00 101.6 | 4.88 124.0 | 9.25 235.0 |
| 2449 | 4.00 101.6 | 4.88 124.0 | 9.25 235.0 |
| 2470 | 7.00 177.8 | 6.19 157.2 | 10.75 273.1 |
| 2476 | 7.00 177.8 | 6.19 157.2 | 10.75 273.1 |
| 2477 | 7.00 177.8 | 6.19 157.2 | 10.75 273.1 |
| 2478 | 7.00 177.8 | 6.19 157.2 | 10.75 273.1 |
| 2479 | 7.00 177.8 | 6.19 157.2 | 10.75 273.1 |

| Model | Dim. C in. mm | Dim. W in. mm | Weight lbs. Kg |
|-------------|------------------|------------------|-------------------|
| 2445-xx-403 | 11.12 282.5 | 31.50 800.1 | 448 203.4 |
| 404 | 11.12 282.5 | 31.50 800.1 | 449 203.8 |
| 2446-xx-303 | 13.25 336.6 | 31.62 803.2 | 488 221.6 |
| 306 | 13.25 336.6 | 33.62 854.0 | 490 222.5 |
| 308 | 13.25 336.6 | 35.63 905.0 | 491 222.9 |
| 402 | 13.25 336.6 | 33.62 854.0 | 489 222.0 |
| 403 | 13.25 336.6 | 33.62 854.0 | 490 222.5 |
| 404 | 13.25 336.6 | 33.62 854.0 | 490 222.5 |
| 903 | 13.25 336.6 | 35.62 905.0 | 491 222.9 |
| 2447-xx-304 | 15.38 390.7 | 33.88 860.6 | 530 240.1 |
| 306 | 15.38 390.7 | 35.88 911.4 | 530 240.1 |
| 402 | 15.38 390.7 | 35.88 911.4 | 532 241.5 |
| 403 | 15.38 390.7 | 35.88 911.4 | 532 241.5 |
| 404 | 15.38 390.7 | 35.88 911.4 | 532 241.5 |
| 2448-xx-308 | 17.63 447.8 | 38.00 965.2 | 574 260.6 |
| 402 | 17.63 447.8 | 38.00 965.2 | 574 260.6 |
| 403 | 17.63 447.8 | 38.00 965.2 | 574 260.6 |
| 404 | 17.63 447.8 | 38.00 965.2 | 574 260.6 |
| 2449-xx-402 | 19.75 495.7 | 40.12 1019.1 | 615 279.2 |
| 404 | 19.75 495.7 | 40.12 1019.1 | 616 279.7 |
| 2470-xx-308 | 21.88 555.8 | 45.38 1152.7 | 663 301.0 |
| 402 | 21.88 555.8 | 45.38 1152.7 | 662 300.5 |
| 403 | 21.88 555.8 | 45.38 1152.7 | 662 300.5 |
| 404 | 21.88 555.8 | 45.38 1152.7 | 663 301.0 |
| 903 | 21.88 555.8 | 47.38 1203.5 | 664 301.5 |
| 904 | 21.88 555.8 | 49.38 1254.3 | 666 302.4 |
| 2476-xx-308 | 13.25 336.6 | 36.62 930.2 | 496 225.2 |
| 310 | 13.25 336.6 | 38.62 981.0 | 497 225.6 |
| 312 | 13.25 336.6 | 38.62 981.0 | 498 226.1 |
| 316 | 13.25 336.6 | 40.62 1031.8 | 500 227.0 |

| Model | Dim. C in. mm | Dim. W in. mm | Weight lbs. Kg |
|-------------|------------------|------------------|-------------------|
| 2476-xx-320 | 13.25 336.6 | 42.62 1082.6 | 503 228.4 |
| 324 | 13.25 336.6 | 44.62 1133.4 | 505 229.3 |
| 330 | 13.25 336.6 | 48.62 1235.0 | 508 230.6 |
| 336 | 13.25 336.6 | 50.62 1285.8 | 510 231.5 |
| 402 | 13.25 336.6 | 36.62 930.2 | 494 224.3 |
| 403 | 13.25 336.6 | 36.62 930.2 | 495 224.7 |
| 404 | 13.25 336.6 | 36.62 930.2 | 495 224.7 |
| 902 | 13.25 336.6 | 38.62 981.0 | 496 225.2 |
| 903 | 13.25 336.6 | 38.62 981.0 | 497 225.6 |
| 904 | 13.25 336.6 | 38.62 981.0 | 499 226.5 |
| 2477-xx-306 | 15.38 390.7 | 38.88 987.6 | 537 243.8 |
| 308 | 15.38 390.7 | 38.88 987.6 | 538 244.3 |
| 310 | 15.38 390.7 | 40.88 1038.4 | 539 244.7 |
| 312 | 15.38 390.7 | 40.88 1038.4 | 540 245.2 |
| 316 | 15.38 390.7 | 42.88 1089.2 | 541 245.6 |
| 320 | 15.38 390.7 | 44.88 1140.0 | 545 247.4 |
| 324 | 15.38 390.7 | 46.88 1190.8 | 547 248.3 |
| 330 | 15.38 390.7 | 50.88 1292.4 | 550 249.7 |
| 336 | 15.38 390.7 | 52.88 1343.2 | 555 252.0 |
| 402 | 15.38 390.7 | 38.88 987.6 | 536 243.3 |
| 403 | 15.38 390.7 | 38.88 987.6 | 537 243.8 |
| 404 | 15.38 390.7 | 38.88 987.6 | 537 243.8 |
| 902 | 15.38 390.7 | 40.88 1038.4 | 537 243.8 |
| 903 | 15.38 390.7 | 40.88 1038.4 | 539 244.7 |
| 904 | 15.38 390.7 | 40.88 1038.4 | 540 247.2 |
| 2478-xx-306 | 17.63 447.8 | 41.00 1041.4 | 578 262.4 |
| 308 | 17.63 447.8 | 41.00 1041.4 | 580 263.3 |
| 310 | 17.63 447.8 | 43.00 1092.2 | 580 263.3 |
| 312 | 17.63 447.8 | 43.00 1092.2 | 581 263.8 |
| 316 | 17.63 447.8 | 45.00 1143.0 | 583 264.7 |
| 320 | 17.63 447.8 | 47.00 1193.8 | 586 266.0 |
| 324 | 17.63 447.8 | 49.00 1244.6 | 589 267.4 |
| 330 | 17.63 447.8 | 53.00 1346.2 | 591 268.3 |
| 336 | 17.63 447.8 | 55.00 1397.0 | 594 269.7 |
| 402 | 17.63 447.8 | 41.00 1041.4 | 578 262.4 |
| 403 | 17.63 447.8 | 41.00 1041.4 | 579 262.9 |
| 404 | 17.63 447.8 | 41.00 1041.4 | 579 262.9 |
| 902 | 17.63 447.8 | 43.00 1092.2 | 579 262.9 |
| 903 | 17.63 447.8 | 43.00 1092.2 | 581 263.8 |
| 904 | 17.63 447.8 | 45.00 1143.0 | 582 264.2 |
| 2479-xx-308 | 19.75 495.7 | 43.12 1095.3 | 621 281.9 |
| 310 | 19.75 495.7 | 45.12 1146.1 | 622 282.4 |
| 312 | 19.75 495.7 | 45.12 1146.1 | 623 282.8 |
| 316 | 19.75 495.7 | 55.12 1400.1 | 623 282.8 |
| 330 | 19.75 495.7 | 55.12 1400.1 | 623 282.8 |
| 402 | 19.75 495.7 | 43.12 1095.3 | 620 281.5 |
| 404 | 19.75 495.7 | 43.12 1095.3 | 621 281.9 |
| 902 | 19.75 495.7 | 45.12 1146.1 | 621 281.9 |
| 904 | 19.75 495.7 | 47.12 1196.9 | 624 283.3 |

Dimensions

Series 2500&2600 Reels

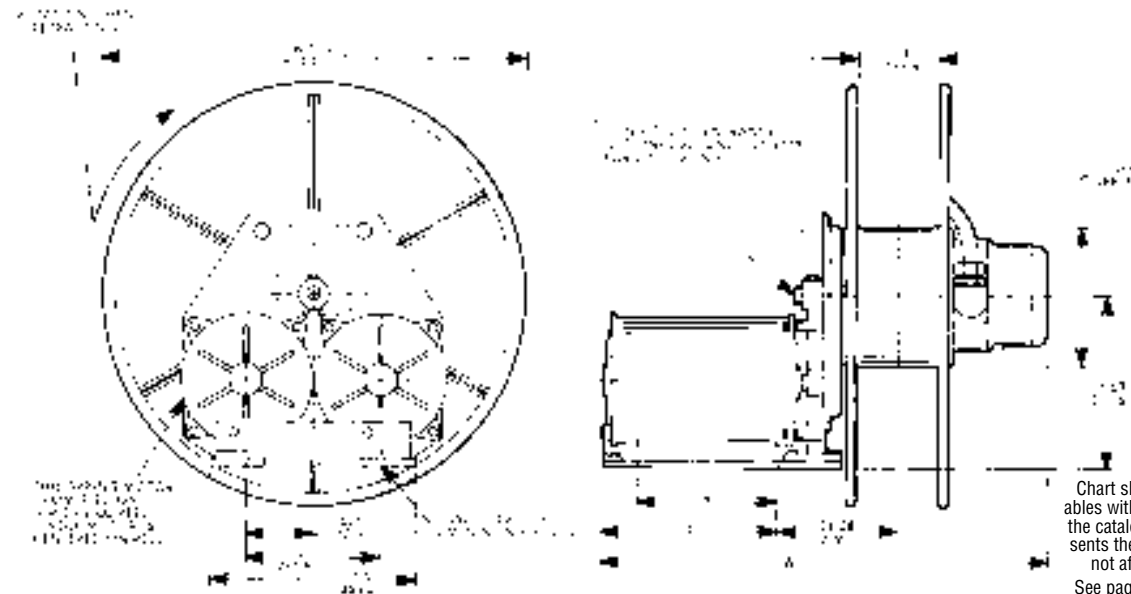


Chart shows dimensional variables within a reel series – “xx” in the catalog number listing represents the drive system and does not affect reel dimensions. See page 38 for slip ring rating and junction box detail.

SERVICE OPTION (Page 28) will increase Dimensions C and W by 2.86 inches (73 mm)

| Model | Dim. X in. mm | Dim. C in. mm | Dim. W in. mm | Weight lbs. Kg |
|-------------|------------------|------------------|------------------|-------------------|
| 2570-xx-324 | 16.94 430.3 | 21.96 557.8 | 54.88 1394.0 | 429 194.8 |
| 404 | 16.94 430.3 | 21.96 557.8 | 46.88 1191.0 | 422 191.6 |
| 902 | 16.94 430.3 | 21.96 557.8 | 48.88 1241.6 | 419 190.2 |
| 903 | 16.94 430.3 | 21.96 557.8 | 48.88 1241.6 | 420 190.7 |
| 904 | 16.94 430.3 | 21.96 557.8 | 50.88 1292.4 | 422 191.6 |
| 2576-xx-308 | 8.25 209.6 | 13.27 337.1 | 38.13 968.5 | 336 152.5 |
| 310 | 8.25 209.6 | 13.27 337.1 | 40.13 1019.3 | 337 153.0 |
| 312 | 8.25 209.6 | 13.27 337.1 | 40.13 1019.3 | 338 153.5 |
| 316 | 8.25 209.6 | 13.27 337.1 | 42.13 1070.1 | 340 154.4 |
| 320 | 8.25 209.6 | 13.27 337.1 | 44.13 1120.9 | 343 155.7 |
| 324 | 8.25 209.6 | 13.27 337.1 | 46.13 1171.7 | 345 156.7 |
| 330 | 8.25 209.6 | 13.27 337.1 | 50.13 1273.3 | 348 158.0 |
| 336 | 8.25 209.6 | 13.27 337.1 | 52.13 1324.1 | 350 158.9 |
| 402 | 8.25 209.6 | 13.27 337.1 | 38.13 968.5 | 334 151.6 |
| 403 | 8.25 209.6 | 13.27 337.1 | 38.13 968.5 | 335 152.1 |
| 902 | 8.25 209.6 | 13.27 337.1 | 40.13 1019.3 | 336 152.5 |
| 2577-xx-308 | 10.44 265.2 | 15.62 396.8 | 40.50 1028.7 | 357 162.1 |
| 310 | 10.44 265.2 | 15.62 396.8 | 42.50 1079.5 | 358 162.5 |
| 312 | 10.44 265.2 | 15.62 396.8 | 42.50 1079.5 | 359 163.0 |
| 316 | 10.44 265.2 | 15.62 396.8 | 44.50 1130.3 | 360 163.4 |
| 320 | 10.44 265.2 | 15.62 396.8 | 46.50 1181.1 | 364 165.3 |
| 324 | 10.44 265.2 | 15.62 396.8 | 48.50 1231.9 | 366 166.2 |
| 330 | 10.44 265.2 | 15.62 396.8 | 52.50 1333.5 | 396 167.5 |
| 336 | 10.44 265.2 | 15.62 396.8 | 54.50 1384.3 | 371 168.4 |
| 402 | 10.44 265.2 | 15.62 396.8 | 40.50 1028.7 | 355 161.2 |
| 403 | 10.44 265.2 | 15.62 396.8 | 40.50 1028.7 | 356 161.6 |
| 404 | 10.44 265.2 | 15.62 396.8 | 40.50 1028.7 | 356 161.6 |
| 902 | 10.44 265.2 | 15.62 396.8 | 42.50 1079.5 | 357 162.1 |
| 2578-xx-306 | 12.56 319.0 | 17.62 447.5 | 42.50 1079.5 | 377 171.2 |
| 310 | 12.56 319.0 | 17.62 447.5 | 44.50 1130.3 | 379 172.1 |
| 312 | 12.56 319.0 | 17.62 447.5 | 44.50 1130.3 | 380 172.5 |
| 320 | 12.56 319.0 | 17.62 447.5 | 48.50 1231.9 | 385 174.8 |
| 324 | 12.56 319.0 | 17.62 447.5 | 50.50 1282.7 | 387 175.7 |
| 330 | 12.56 319.0 | 17.62 447.5 | 54.50 1384.3 | 389 176.6 |
| 336 | 12.56 319.0 | 17.62 447.5 | 56.50 1435.1 | 392 178.0 |
| 403 | 12.56 319.0 | 17.62 447.5 | 42.50 1079.5 | 377 171.2 |
| 404 | 12.56 319.0 | 17.62 447.5 | 42.50 1079.5 | 377 171.2 |
| 902 | 12.56 319.0 | 17.62 447.5 | 44.50 1130.3 | 377 171.2 |
| 903 | 12.56 319.0 | 17.62 447.5 | 44.50 1130.3 | 379 172.1 |
| 904 | 12.56 319.0 | 17.62 447.5 | 46.50 1181.1 | 380 172.5 |

| Model | Dim. X in. mm | Dim. C in. mm | Dim. W in. mm | Weight lbs. Kg |
|-------------|------------------|------------------|------------------|-------------------|
| 2579-xx-404 | 14.75 374.7 | 19.79 502.7 | 44.63 1133.6 | 398 180.7 |
| 903 | 14.75 374.7 | 19.79 502.7 | 46.63 1184.4 | 400 181.6 |
| 904 | 14.75 374.7 | 19.79 502.7 | 48.63 1235.2 | 401 182.1 |
| 2670-xx-310 | 16.94 430.3 | 21.96 557.8 | 48.88 1241.6 | 660 299.6 |
| 312 | 16.94 430.3 | 21.96 557.8 | 48.88 1241.6 | 660 299.6 |
| 316 | 16.94 430.3 | 21.96 557.8 | 50.88 1292.4 | 662 300.5 |
| 320 | 16.94 430.3 | 21.96 557.8 | 52.88 1343.2 | 666 302.4 |
| 324 | 16.94 430.3 | 21.96 557.8 | 54.88 1394.0 | 668 303.2 |
| 336 | 16.94 430.3 | 21.96 557.8 | 60.88 1546.4 | 673 305.5 |
| 403 | 16.94 430.3 | 21.96 557.8 | 46.88 1190.8 | 658 298.7 |
| 404 | 16.94 430.3 | 21.96 557.8 | 46.88 1190.8 | 658 298.7 |
| 902 | 16.94 430.3 | 21.96 557.8 | 48.88 1241.6 | 658 298.7 |
| 903 | 16.94 430.3 | 21.96 557.8 | 48.88 1241.6 | 660 299.6 |
| 904 | 16.94 430.3 | 21.96 557.8 | 50.88 1292.4 | 661 300.1 |
| 2676-xx-320 | 8.25 209.6 | 13.27 337.1 | 44.13 1120.9 | 499 226.5 |
| 324 | 8.25 209.6 | 13.27 337.1 | 46.13 1171.7 | 500 227.0 |
| 330 | 8.25 209.6 | 13.27 337.1 | 50.13 1273.3 | 503 228.4 |
| 336 | 8.25 209.6 | 13.27 337.1 | 52.13 1324.1 | 506 229.7 |
| 902 | 8.25 209.6 | 13.27 337.1 | 40.13 1019.3 | 491 222.9 |
| 2677-xx-320 | 10.44 265.2 | 15.62 396.8 | 46.50 1181.1 | 540 245.2 |
| 324 | 10.44 265.2 | 15.62 396.8 | 48.50 1231.9 | 542 246.1 |
| 330 | 10.44 265.2 | 15.62 396.8 | 52.50 1333.5 | 545 247.3 |
| 336 | 10.44 265.2 | 15.62 396.8 | 54.50 1384.3 | 548 248.8 |
| 902 | 10.44 265.2 | 15.62 396.8 | 42.50 1079.5 | 533 242.0 |
| 903 | 10.44 265.2 | 15.62 396.8 | 42.50 1079.5 | 534 242.4 |
| 904 | 10.44 265.2 | 15.62 396.8 | 44.50 1130.3 | 536 243.3 |
| 2678-xx-316 | 12.56 319.0 | 17.62 447.5 | 46.50 1181.1 | 579 262.9 |
| 320 | 12.56 319.0 | 17.62 447.5 | 48.50 1231.9 | 584 265.1 |
| 330 | 12.56 319.0 | 17.62 447.5 | 54.50 1384.3 | 587 266.5 |
| 903 | 12.56 319.0 | 17.62 447.5 | 44.50 1130.3 | 576 261.5 |
| 904 | 12.56 319.0 | 17.62 447.5 | 46.50 1181.1 | 578 262.4 |
| 2679-xx-310 | 14.75 374.7 | 19.79 502.7 | 46.63 1184.4 | 618 280.6 |
| 316 | 14.75 374.7 | 19.79 502.7 | 48.63 1235.2 | 620 281.3 |
| 320 | 14.75 374.7 | 19.79 502.7 | 50.63 1286.0 | 624 283.3 |
| 324 | 14.75 374.7 | 19.79 502.7 | 52.63 1336.8 | 626 284.2 |
| 336 | 14.75 374.7 | 19.79 502.7 | 58.63 1489.2 | 631 286. |

Dimensions

Series 2700&2800 Reels

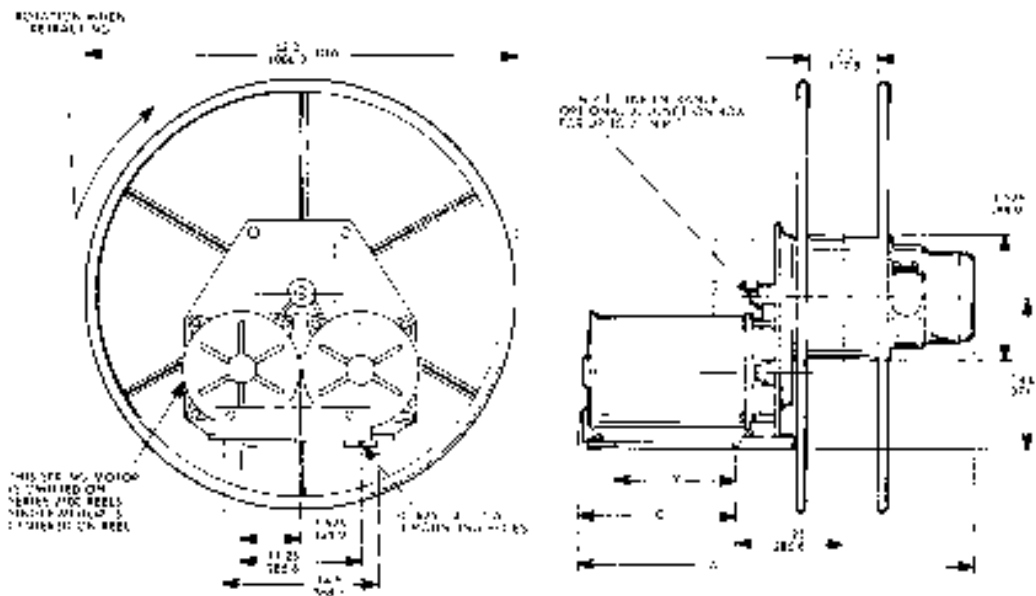


Chart shows dimensional variables within a reel series - "xx" in the catalog number listing represents the drive system and does not affect reel dimensions. See page 38 for slip ring rating and junction box detail.

SERVICE OPTION (Page 28) will increase Dimensions C and W by 2.86 inches (73 mm)

| Model | Dim. X in. mm | Dim. C in. mm | Dim. W in. mm | Weight lbs. Kg |
|-------------|------------------|------------------|------------------|-------------------|
| 2770-xx-312 | 16.94 430.3 | 21.96 557.8 | 48.88 1241.6 | 448 203.4 |
| 316 | 16.94 430.3 | 21.96 557.8 | 50.88 1292.4 | 450 204.3 |
| 320 | 16.94 430.3 | 21.96 557.8 | 52.88 1343.2 | 454 206.1 |
| 324 | 16.94 430.3 | 21.96 557.8 | 54.88 1394.0 | 456 207.0 |
| 330 | 16.94 430.3 | 21.96 557.8 | 58.88 1495.6 | 458 207.9 |
| 336 | 16.94 430.3 | 21.96 557.8 | 60.88 1546.4 | 461 209.3 |
| 402 | 16.94 430.3 | 21.96 557.8 | 46.88 1190.8 | 445 202.0 |
| 404 | 16.94 430.3 | 21.96 557.8 | 46.88 1190.8 | 446 202.5 |
| 902 | 16.94 430.3 | 21.96 557.8 | 48.88 1241.6 | 448 203.4 |

| | | | | |
|-------------|-------------|-------------|--------------|-----------|
| 2777-xx-310 | 10.44 265.2 | 15.62 396.8 | 42.50 1079.5 | 385 174.8 |
| 324 | 10.44 265.2 | 15.62 396.8 | 48.50 1231.9 | 393 178.4 |
| 2778-xx-308 | 12.56 319.0 | 17.62 447.5 | 42.50 1079.5 | 405 183.9 |
| 310 | 12.56 319.0 | 17.62 447.5 | 44.50 1130.3 | 406 184.3 |
| 312 | 12.56 319.0 | 17.62 447.5 | 44.50 1130.3 | 407 184.8 |
| 316 | 12.56 319.0 | 17.62 447.5 | 46.50 1181.1 | 408 185.2 |
| 320 | 12.56 319.0 | 17.62 447.5 | 48.50 1231.9 | 412 187.0 |
| 324 | 12.56 319.0 | 17.62 447.5 | 50.50 1282.7 | 414 188.0 |
| 330 | 12.56 319.0 | 17.62 447.5 | 54.50 1384.3 | 416 188.9 |

| | | | | |
|-------------|-------------|-------------|--------------|-----------|
| 2779-xx-308 | 14.75 374.7 | 19.79 502.7 | 44.63 1133.6 | 426 193.4 |
| 310 | 14.75 374.7 | 19.79 502.7 | 46.63 1184.4 | 427 193.9 |
| 312 | 14.75 374.7 | 19.79 502.7 | 46.63 1184.4 | 427 193.9 |
| 316 | 14.75 374.7 | 19.79 502.7 | 48.63 1235.2 | 429 194.8 |
| 320 | 14.75 374.7 | 19.79 502.7 | 50.63 1286.0 | 433 196.6 |
| 324 | 14.75 374.7 | 19.79 502.7 | 52.63 1336.8 | 435 197.5 |
| 336 | 14.75 374.7 | 19.79 502.7 | 58.63 1489.2 | 440 199.8 |

| | | | | |
|-------------|-------------|-------------|--------------|-----------|
| 2870-xx-316 | 16.94 430.3 | 21.96 557.8 | 50.88 1292.4 | 689 312.8 |
| 320 | 16.94 430.3 | 21.96 557.8 | 52.88 1343.2 | 693 314.6 |
| 324 | 16.94 430.3 | 21.96 557.8 | 54.88 1394.0 | 695 315.5 |
| 330 | 16.94 430.3 | 21.96 557.8 | 58.88 1495.6 | 697 316.4 |
| 336 | 16.94 430.3 | 21.96 557.8 | 60.88 1546.4 | 700 317.8 |
| 902 | 16.94 430.3 | 21.96 557.8 | 48.88 1241.6 | 685 311.0 |
| 903 | 16.94 430.3 | 21.96 557.8 | 48.88 1241.6 | 687 311.9 |
| 904 | 16.94 430.3 | 21.96 557.8 | 50.88 1292.4 | 688 312.4 |

| | | | | |
|-------------|------------|-------------|--------------|-----------|
| 2875-xx-324 | 6.06 153.9 | 11.10 281.9 | 44.00 1117.6 | 486 220.6 |
| 330 | 6.06 153.9 | 11.10 281.9 | 48.00 1219.2 | 488 221.6 |
| 404 | 6.06 153.9 | 11.10 281.9 | 36.00 914.4 | 476 216.1 |
| 902 | 6.06 153.9 | 11.10 281.9 | 38.00 965.2 | 476 216.1 |

| Model | Dim. X in. mm | Dim. C in. mm | Dim. W in. mm | Weight lbs. Kg |
|-------------|------------------|------------------|------------------|-------------------|
| 2876-xx-316 | 8.25 209.6 | 13.27 337.6 | 42.13 1070.1 | 522 237.0 |
| 320 | 8.25 209.6 | 13.27 337.6 | 44.13 1120.9 | 526 238.8 |
| 324 | 8.25 209.6 | 13.27 337.6 | 46.13 1171.7 | 527 239.3 |
| 330 | 8.25 209.6 | 13.27 337.6 | 50.13 1273.3 | 530 240.6 |
| 403 | 8.25 209.6 | 13.27 337.6 | 38.13 968.5 | 517 234.7 |
| 404 | 8.25 209.6 | 13.27 337.6 | 38.13 968.5 | 518 235.2 |
| 902 | 8.25 209.6 | 13.27 337.6 | 40.13 1019.3 | 518 235.2 |
| 903 | 8.25 209.6 | 13.27 337.6 | 40.13 1019.3 | 520 236.1 |
| 904 | 8.25 209.6 | 13.27 337.6 | 42.13 1070.1 | 521 236.5 |

| | | | | |
|-------------|-------------|-------------|--------------|-----------|
| 2877-xx-312 | 10.44 265.2 | 15.62 396.8 | 42.50 1079.5 | 562 255.1 |
| 316 | 10.44 265.2 | 15.62 396.8 | 44.50 1130.3 | 564 256.1 |
| 324 | 10.44 265.2 | 15.62 396.8 | 48.50 1231.9 | 568 257.9 |
| 330 | 10.44 265.2 | 15.62 396.8 | 52.50 1333.5 | 572 259.7 |
| 336 | 10.44 265.2 | 15.62 396.8 | 54.50 1384.3 | 575 261.1 |
| 402 | 10.44 265.2 | 15.62 396.8 | 40.50 1028.7 | 559 253.8 |
| 403 | 10.44 265.2 | 15.62 396.8 | 40.50 1028.7 | 559 253.8 |
| 404 | 10.44 265.2 | 15.62 396.8 | 40.50 1028.7 | 560 254.2 |
| 902 | 10.44 265.2 | 15.62 396.8 | 42.50 1079.5 | 560 254.2 |
| 903 | 10.44 265.2 | 15.62 396.8 | 42.50 1079.5 | 561 254.7 |
| 904 | 10.44 265.2 | 15.62 396.8 | 44.50 1130.3 | 563 255.6 |

| | | | | |
|-------------|-------------|-------------|--------------|-----------|
| 2878-xx-320 | 12.56 319.0 | 17.62 447.5 | 48.50 1231.9 | 609 276.5 |
| 324 | 12.56 319.0 | 17.62 447.5 | 50.50 1282.7 | 611 277.4 |
| 330 | 12.56 319.0 | 17.62 447.5 | 54.50 1384.3 | 612 277.8 |
| 336 | 12.56 319.0 | 17.62 447.5 | 56.50 1435.1 | 616 279.7 |
| 902 | 12.56 319.0 | 17.62 447.5 | 44.50 1130.3 | 602 273.3 |
| 904 | 12.56 319.0 | 17.62 447.5 | 46.50 1181.1 | 605 274.7 |

| | | | | |
|-------------|-------------|-------------|--------------|-----------|
| 2879-xx-320 | 14.75 374.7 | 19.79 502.7 | 50.63 1286.0 | 651 295.6 |
| 324 | 14.75 374.7 | 19.79 502.7 | 52.63 1336.8 | 653 296.5 |
| 330 | 14.75 374.7 | 19.79 502.7 | 56.63 1438.4 | 656 297.8 |
| 902 | 14.75 374.7 | 19.79 502.7 | 46.63 1184.4 | 644 292.4 |
| 903 | 14.75 374.7 | 19.79 502.7 | 46.63 1184.4 | 646 293.3 |
| 904 | 14.75 374.7 | 19.79 502.7 | 48.63 1235.2 | 648 294.2 |

Index

AC Motors, Amperages for.....39
 Accessories
 Cable Reel35-37
 Cord Reels7
 Pow-R-Mite®9
 Applications
 Drag12
 Horizontal.....12
 Lift and Lower 12
 Pow-R-Matic® Cable Reel12
 Recovery.....12
 Vertical Lift12
 Vertical Recovery12
 Arm, Guide35
 Automatic On/Off Switches7

 Balancers31
 Bases
 Pivot 330°7,9,35-36
 Swivel 360°35-36
 Brush Holders, Modular11

 Cable
 Diameters/Weights40
 Grips9, 37
 Guide37
 Length13
 Power4
 Refrasil.....12
 Retractors, Ground Fault34
 Secondary Support31
 Selection39
 Silicone12
 Size, Chart39
 Stainless12
 Stops.....9, 37
 Support31
 Type G/SO/W40
 Chain, Secondary Support.....31
 Collector Rings11
 Components, Silver.....11
 Conductor Sizes12
 Conductors Number of/Types of13
 Cord Reels,5-7
 Accessories7
 Selector Chart7
 Cords, Extension4

 Daniel Woodhead®7
 DC Motors, Amperages for.....39
 Declutching Spring Hubs11
 Dimensions, Reel.....41-50
 Drag Applications.....12
 Duplex Receptacles4

 End Plate, Fast Tensioning.....28
 Extensions Cords4

 Fluorescent Hand Lamps7
 Four-Roller Guides35, 37
 Frame Sizes for Cable Reels11

 Gear Motor-Driven Reels32, 33
 Grips, Cable.....9, 37
 Ground Fault Cable Retractor34
 Grounding Reels34
 Guides Arms/Rails35
 Guides, 4-Roller.....35, 37
 Guides, Cable37

 Hand Lamps.....7
 Hand Wind Reels4
 Hazardous Locations Reels ..13, 29, 35-37
 Horizontal Applications.....12
 Hose Support31

 Junction Boxes.....28, 29, 35, 38

 Lamps, Hand.....7
 Lift and Lower Applications12
 Locks, Ratchet13, 35

 Magnet Size to Cable Size, Chart.....39
 Main Springs11
 Marine Service.....35
 Mill Duty Service13, 28
 Modular Brush Holders11
 Motor, Quick-Change Spring28
 Motor-Driven Reels, Series 4100.....32, 33
 Motors, AC/DC, Amperages for.....39

 Net Weights and Diameters for Cable...40

 PB Series Pivot Base9,36
 Pendant Station.....12
 Retractors31
 Pivot Base, 330°7, 9, 35-36
 Pow-R-Matic® Cable Reels,8-9, 10-27
 Applications12
 for No. 1 Cable.....26-27
 for No. 2 Cable26-27
 for No. 4 Cable24-25
 for No. 6 Cable24-25
 for No. 8 Cables.....22-23
 for No. 10 Cable20-21
 for No. 12 Cable18-19
 for No. 14 Cable16-17
 for No. 16 Cable14-15
 Series 900.....41
 Series 1000 Reels41
 Series 1100 Reels42
 Series 1200 Reels43
 Series 1300 Reels43
 Series 1400 Reels44
 Series 1500 Reels44
 Series 2000 Reels45
 Series 2300 Reels46-47
 Series 2400 Reels48
 Series 2500 Reels49
 Series 2600 Reels49
 Series 2700 Reels50
 Series 2800 Reels50
 Pow-R-Mite® Cable Reels,8-9
 Accessories9
 Series 2008
 Series 3008
 Series 4008
 Series 5000M8
 Selection Chart9
 Power Cables.....4

 Quick Change Spring Motor11,28

 Rail, Guide.....35
 Ratchet Lock.....13, 35
 Receptacles, Duplex4
 Recovery Applications.....12
 Reels,
 Hazardous Locations29
 Pow-R-Matic®10-27
 Pow-R-Mite®8-9
 Specialty.....28-34
 Torque31
 Welding30
 Reflectors.....7
 Retractors ,Pendent Station31
 Retractors, Ground Fault34
 Rings,
 Collector11
 Self-Contained Slip28
 Silver Collector (components)11
 Slip (ratings)38
 Slip.....4, 11, 28

 Secondary Support
 Cable/Chain31
 Self-Contained Main Springs11
 Service Package28, 35
 Service,
 Marine.....35
 Mill Duty13, 28
 Signals, Communication11
 Silver Ring/Brush11, 35
 Slip Ring4, 11, 28
 SO Cable.....40
 Specialty Reels.....28-34
 Spring Hubs, Declutching11
 Spring Motor, Quick Change28
 Springs11
 Static Discharge Grounding Reels.....34
 Stops, Cable9, 37
 Support Cable, Secondary31
 Support Chain, Secondary.....31
 Switches, Automatic On/Off7
 Swivel Base36
 Swivel Unit37

 Technical Information38-50
 Tension Adjustment Springs.....11
 Torque Reels31

 Vertical Lift Applications12
 Vertical Recovery Applications12

 Weather Tight Junction Boxes38
 Welding Reels30
 Woodhead, Daniel®7

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