

# RELIABLE TOOL SUPPORT PRODUCTS > FOR HARSH INDUSTRIAL ENVIRONMENTS

Positioners, Retractors, Balancers, Torque Reels, Grounding Reels



> **Aero-Motive**<sup>®</sup>  
Quality. Made with passion.

# TOOL SUPPORT PRODUCTS > THAT ENHANCE PRODUCTIVITY AND INCREASE EFFICIENCY



Over the last 75 years Aero-Motive® has designed and manufactured a wide range of tool support products to enhance productivity and increase efficiency, while reducing worker fatigue and common injuries in the workplace. Aero-Motive® balancers and retractors provide best-in-class ergonomics, with tools that become almost weightless in the hands of operators. This enables our customers to optimize their performance without sacrificing safety.

Aero-Motive® products provide the right solution for the right application, for every industry while creating long-term value through lasting performance. Our commitment to our customers is strong, and we aim to meet the expectations of our valued customers by providing efficient and valuable solutions.

Aero-Motive® products are proven to provide:

- Improved safety of employees
- Best-in-class ergonomics
- Increased efficiency and productivity in the workplace
- Value through lasting performance



## ACHIEVE BEST IN CLASS ERGONOMICS AND SAFETY IN 5 EASY STEPS

1. Measure the total weight of the tool (including hoses, fluids etc.) to find the weight of the load.
2. Choose the balancer or retractor that will position the total weight of the load at the midrange of published weight capacity.
3. Use a safety chain or a safety cable to secure the balancer or retractor to a separate trolley on runways.
4. Adjust tension on the balancer or retractor using the external adjustment mechanism until the tool becomes weightless in operator's hand.
5. Monitor integrity of main cables and secondary supports on a daily basis.

# TABLE OF CONTENTS

## **Aero-Motive® Tool Support Products**

Industrial Applications .....	5
Installation Information.....	6
Feature Identifiers.....	7 to 9

## **Aero-Motive® Positioners**

Series GM for Light Industrial Duty Applications .....	12 to 13
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## **Aero-Motive® Retractors**

Series RB for Light Industrial Duty Applications.....	16 to 17
Series RF and RFL for Light Industrial Duty Applications .....	18 to 19
Series 5F and 5FLR for Standard Industrial Duty Applications .....	20 to 21
Series 10F/22F and 10FLR/22FLR for Standard Industrial-Duty Applications .....	22 to 23
Series 10FLS/22FLS and 10FLSR/22FLSR for Standard Industrial-Duty Applications ....	24 to 25
Series FLRC for Heavy Industrial Duty Applications.....	26 to 27

## **Aero-Motive® Balancers**

Series AB and ABRL for Light Industrial Duty Applications .....	30 to 31
Series BF and BFL for Light Industrial Duty Applications.....	32 to 33
Series EB & EBR, and EBR & EBSR for Standard Industrial Duty Applications .....	34 to 35
Series EA for Heavy Industrial Duty Applications.....	36 to 37
Series EL for Heavy Industrial Duty Applications.....	38 to 39
Series JA for Heavy Industrial Duty Applications.....	40 to 41
Series KA for Heavy Industrial Duty Applications.....	42 to 43
Series LA for Heavy Industrial Duty Applications.....	44 to 45

## **Aero-Motive® Torque Reels**

Series T and TR for Standard Industrial Duty Applications .....	48 to 49
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## **Aero-Motive® Grounding Reels**

Series 1025 for Standard Industrial Duty Applications .....	52 to 53
Series 2050 for Standard Industrial Duty Applications .....	54 to 55

# INDUSTRIAL APPLICATION

## Industries Served by Aero-Motive®

General Factory Floor Assembly

Automotive – Body Shop, Power Train and General Assembly

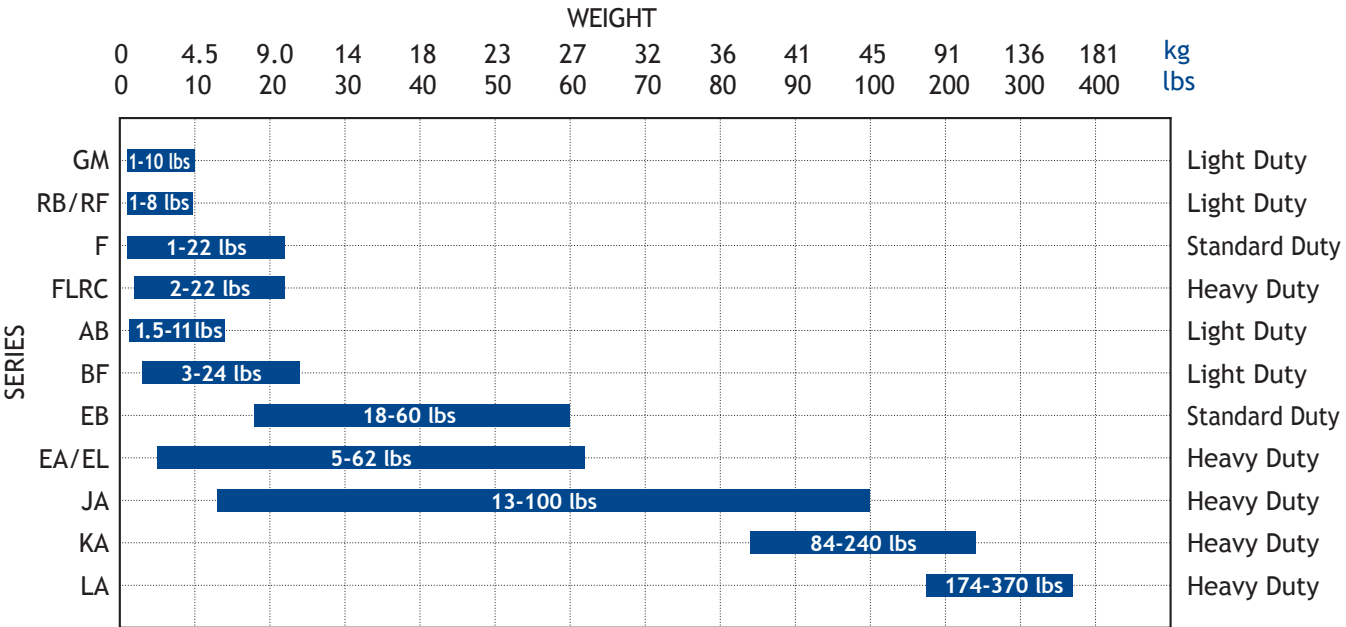
Consumer/Home Appliance – White Goods and Electronics

Industrial Automation – Food and Beverage

Industrial Electrical

Medical

Heavy Equipment Manufacturing





## INSTALLATION INFORMATION ➤

**LOAD** refers to the **TOTAL SYSTEM WEIGHT** that should be considered when selecting a balancer or retractor. This includes the tool, the cable or hose and fluids, as well as any additional attachments.

**ACTIVE CABLE TRAVEL** is the cable available to be pulled out and retracted into the unit, and is used to place the load within the ergonomic zone.

**OVERHANG CABLE** is any additional length of cable attached to or part of the active cable travel, but will not be retracted into the unit. Overhang cables are used in industrial applications with high ceilings to properly position loads into the ergonomic zone.

**UNIT OVERHEAD MOUNTING: STATIONARY** - For maximum operator efficiency and unit life, mount tool support products directly over workspace with the cable perpendicular to the floor when in use. Not doing so may cause fatigue and can lead to excessive wear on the cable and drum.

**UNIT OVERHEAD MOUNTING: TROLLEYS AND RUNWAYS** - For industrial applications that require the continuous movement of tools, a system of trolleys and runways is used and the tool support product must be properly mounted to a trolley using an upper mount.

**SECONDARY SUPPORT** in the form of a safety chain or cable for tool support products that are mounted overhead is strongly recommended to prevent any unit from accidentally falling. For trolley systems, we recommend attaching the safety chain or cable to two separate trolleys to maximize safety.



## FEATURE IDENTIFIERS

### **External Tension Adjustment**

Tension can be adjusted easily to match the weight of the load while controlling the retraction speed (See next page for more information).

### **Upper Mount**

This feature allows the unit to be safely mounted or secured within applications, upper mounts can be fixed allowing minimum rotational freedom or best designs allow a 360° rotational freedom for unit movement.

### **Automatic Safety Lock**

This is an internal mechanism which prevents a load from falling in the event that a unit loses tension or a power-spring breaks.

### **Manual Safety Lock**

Facilitates quick and safe tool/load changeover without the risk of cable fly-back.

### **Manual Remote Safety Lock**

Enables manual lock to be engaged or disengaged using a cam/lever arm, operated by a conveniently placed floor-level handle.

### **Cable Replacement**

Plug and play feature allows cable replacement to be done easily while balancer is still in service.

### **Containerized Spring Cassettes**

Power springs are contained in cassettes to allow easy and safe handling.

### **Ratchet Lock (“ON”)**

Special cam design which allows cable locking at the desired position, ratchet is unlocked with a simple tug of the cable. Ratchet is always ON by design.

### **Ratchet Lock (“ON/OFF”)**

Same as ratchet lock “ON”, but ratchet lock function can be manually engaged or disengaged. Ratchet functionality is disabled in “OFF” mode.

### **Cable Arrest**

Added safety feature to eliminate cable fly-backs caused by cable failures or accidental tool detachments.

### **Declutching Spring Hub**

Automatically prevents damage to power spring in the event of reverse winding.

### **WearGuard™ Epoxy**

Drum is coated with WearGuard™ epoxy to extend cable and drum life in harsh environments.

### **Cable Guide**

Designed specifically to extend Cable Life as cables are pulled at different angles within applications for different tasks. Best Cable Guides employ Roller Guides as to eliminate complete Friction between Cable and Cable Guide.

## FEATURE IDENTIFIERS

### External Tension Adjustment



#### Ergo Knob [RB Series]

This system employs a spring loaded knob and a positive manual ratchet design. To add tension, turn ergo knob clockwise or towards “+” until desired tension is reached. To remove tension, pull and turn the knob counterclockwise one ratchet at a time.



#### Ergo Knob and Push Cam [RF and RFL Series]

This system employs a spring loaded and positive spring loaded ratchet cam design. To add tension, turn ergo knob clockwise or towards “+” until desired tension is reached. To remove tension, hold ergo knob whilst pushing on the cam - the knob will turn counterclockwise one ratchet at a time.



#### Hex Cam and Lock Lever [AB Series]

This system allows the cam to manually lock in place at a desired position by means of a lock lever. To add tension, insert a hex key into the cam and turn it clockwise or in the direction of the “+” sign. Do not release the hex key until the cam is locked in place by the lock lever.



#### Worm Gear Vertical [EB; EL; EA; JA; KA & LA Series]

Designed to easily add or remove tension for loads of up to 375 lbs (170 kg) using nut runner tools. Add tension by simply turning bolt clockwise or in “+” direction. Remove tension by turning bolt counterclockwise or in “-” direction.



## External Tension Adjustment



### Shaft and Spring Friction Clutch System [F; FLR; FLRC; FLS; FLSR Series]

This system works by locking the main shaft in place by exerting pressure which is evenly dispersed around the circumference of the main shaft. Add tension by simply turning main shaft counter-clockwise or in the “+” direction. To remove tension, first hold main shaft by means of a manual key and then press on the spring clutch lever to allow rotation of shaft.



### Shaft and Push Cam [BF & BFL Series]

Add tension by simply turning main shaft counter-clockwise or in the “+” direction until desired tension is reached. To remove tension, first hold main shaft by means of a manual key and then push on the Cam Lever to allow rotation of shaft in the “-” or clockwise direction.



### Friction Brake [GM31 Series]

This design allows the unit to build friction instead of building tension. It builds up friction as the cable is pulled out of the unit. Simple tension adjustment using a flat driver or a coin. To achieve desired Ergonomics, add friction by turning the shaft in “+” direction or remove friction by turning the shaft in “-” direction.

# POSITIONING > WITHOUT EFFORT



**Positioners** are reeling devices that employ a friction brake design to enable the positioning of light loads at a desired height throughout the active cable travel, and maintain the established position without requiring extra force.

Depending on the adjustment of the friction brake, the tool can be moved downward with very little effort. However, to move the tool upward, the full weight of the object must be lifted.



## AERO-MOTIVE® POSITIONERS



### APPLICATIONS

GENERAL INDUSTRIAL

WORKSTATIONS

PENDANT STATIONS

SHIELD

MAGNIFIERS

HEAT LAMPS

SIGNS

LIGHTS

LIGHT TOOLS

# POSITIONERS

GM31 Series  
Light Industrial Duty

Aero-Motive® Positioner GM31 provides a low-cost solution for low-cycle and light-load applications such as lights, heat lamps, and signs without requiring extra force to maintain the established position. GM31 was designed such that its compact size will enable the unit to fit within most industrial air coiled hoses.

## Product Features\*

- Automatic Safety Lock: No
- Manual Safety Lock: No
- Upper Mount: Fixed S-Hook
- External Tension Adjustment: Friction Brake
- Secondary Support: No
- Serviceable: No

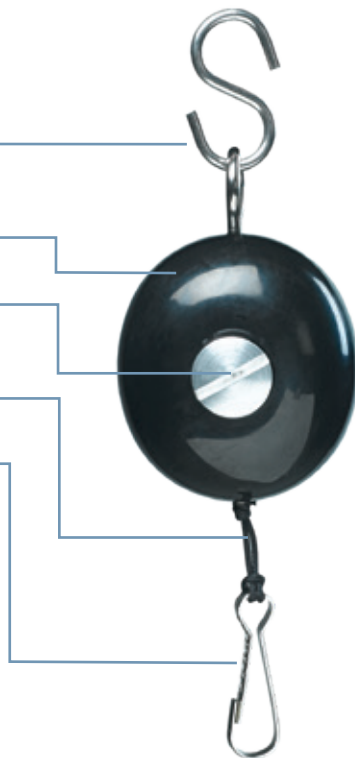
**Upper Mount:** Fixed S-Hook  
Quick and Easy Installation

High-Impact ABS Housing

**External Tension Adjustment:**  
Friction Break-Easily Operated

Durable Nylon Cable

Tool Clip  
for Easy Attachment and Removal



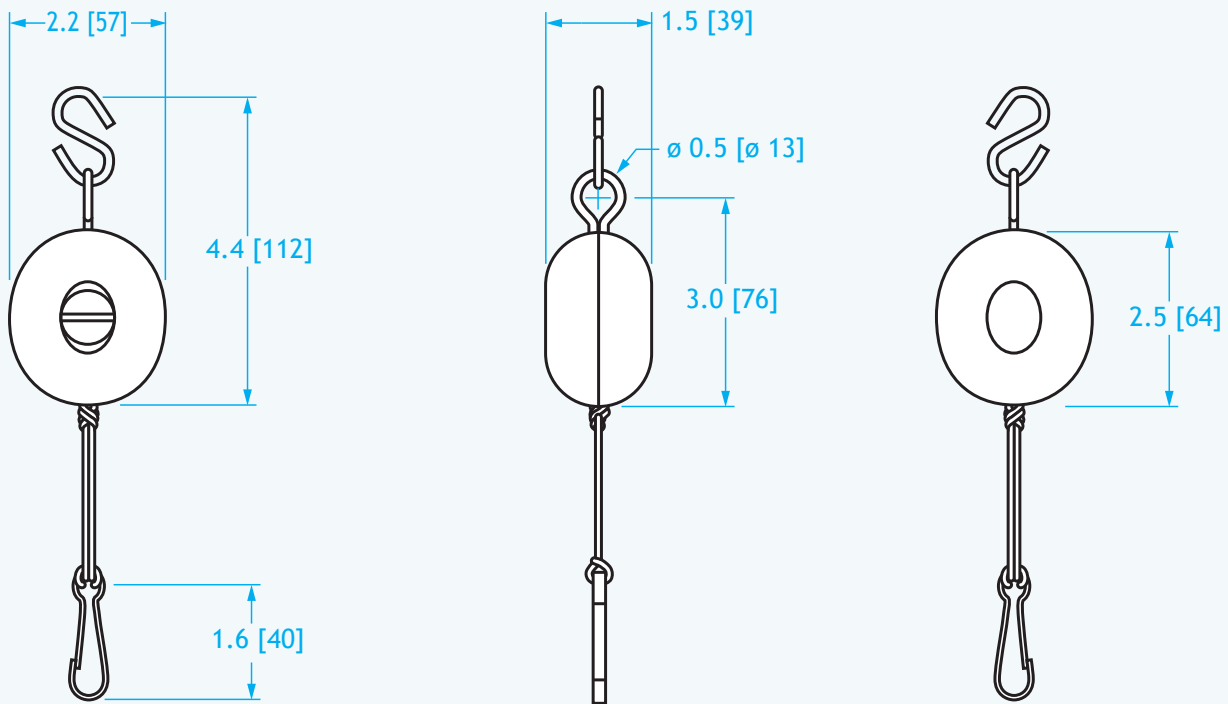
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
GM31	1301690002	0.5 to 4.5	1.0 to 10.0	1.4 m (4.7')	No

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
GM31	51	2	71	3	97	4	0.1	0.2

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.



# LOAD WITHOUT COUNTERWEIGHT



**Retractors** are designed to retract a tool or load when no force is applied to it. Constant downward force has to be applied in order to keep the suspended tool or load in position. The torque output of the rewind spring increases as the cable is pulled out of the unit, retracting the suspended tool/load to the uppermost adjusted position when released.





## AERO-MOTIVE® RETRACTORS



### APPLICATIONS

GENERAL INDUSTRIAL

ELECTRICAL TOOLS

MECHANICAL TOOLS

PNEUMATIC TOOLS

SCANNING GUNS

CABLING & HOSES

# RETRACTORS ➤

RB Series  
Light Industrial Duty

Aero-Motive® RB retractors equipped with power springs for best-in-class ergonomics and long life cycles, are the product of choice in virtually any light assembly applications.

## Product Features\*

**Automatic Safety Lock:** No  
**Manual Safety Lock:** No  
**External Tension Adjustment:** Ergo Knob  
**Upper Mount:** 360° Swivel  
**Secondary Support:** Safety Cable (Optional)  
**Serviceable:** No

**Upper Mount:**  
360° Swivel with Safety Cotter Pin

**Secondary Support:** Mount Hole for Safety Cable (Optional)

**External Tension Adjustment:**  
Ergo Knob Easily Operated

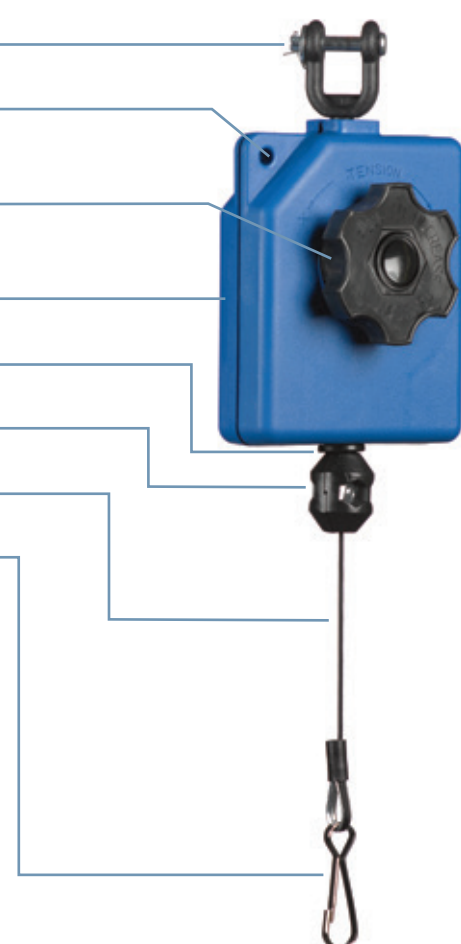
**High-Impact ABS Housing**

**Cable Guide:** High-Impact Plastic

**Adjustable Cable Stop**

**Braided Nylon Cord**

**Tool Clip for Easy Tool Attachment or Removal**



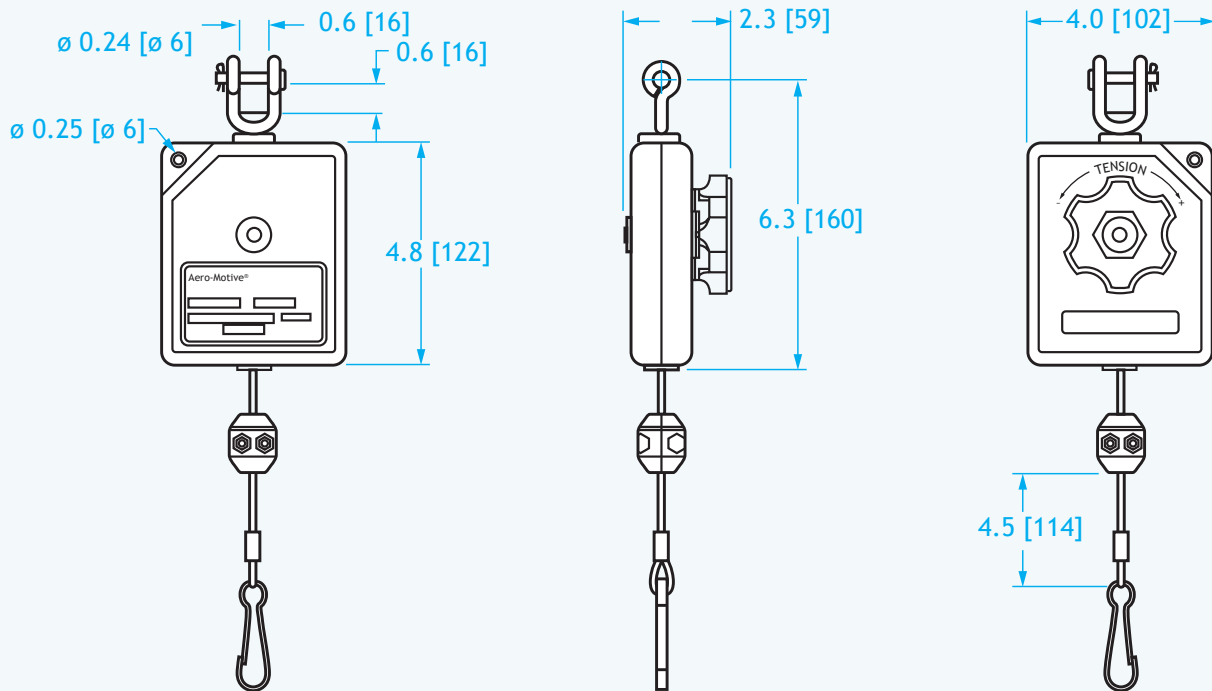
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
RB2	1301730036	0.5 to 0.9	1.0 to 2.0	1.6 m (5.2')	No
RB4	1301730048	0.9 to 1.8	2.0 to 4.0		
RB210	1301730037	0.5 to 0.9	1.0 to 2.0	3.0 m (10.0')	

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
RB Series	65	3	115	5	225	9	0.5	1.0

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

# RETRACTORS

RF and RFL Series  
Light Industrial Duty

Aero-Motive® RF and RFL retractors feature a tension adjusting push-lever to allow for easy de-tension of the unit and easy adjustment of power spring tension to fit the weight-range capacity of the tools weighing up to 8 lb [3.6 kg].

## Product Features\*

- Automatic Safety Lock: No
- Manual Safety Lock: No
- Upper Mount: 360° Swivel Hanger
- External Tension Adjustment: Ergo Knob and Push Cam
- Ratchet Lock (ON): RFL Model
- Secondary Support: Safety Cable (Optional)
- Serviceable: No

**Upper Mount:** \_\_\_\_\_  
360° Swivel with Safety Cotter Pin

**Secondary Support:** \_\_\_\_\_  
Mount Hole for Safety Cable (Optional)

High-Impact ABS Housing \_\_\_\_\_

**External Tension Adjustment:** \_\_\_\_\_  
Ergo Knob and Push Cam

**Cable Guide:** Hardened Steel \_\_\_\_\_

Adjustable Cable Stop \_\_\_\_\_

Standard: 1.5 mm (DIA) - [7 x 7] \_\_\_\_\_  
Stranded Galvanized Steel Wire Rope  
(See options for various other offers)

**Hook for Easy Tool Attachment** \_\_\_\_\_  
and Removal



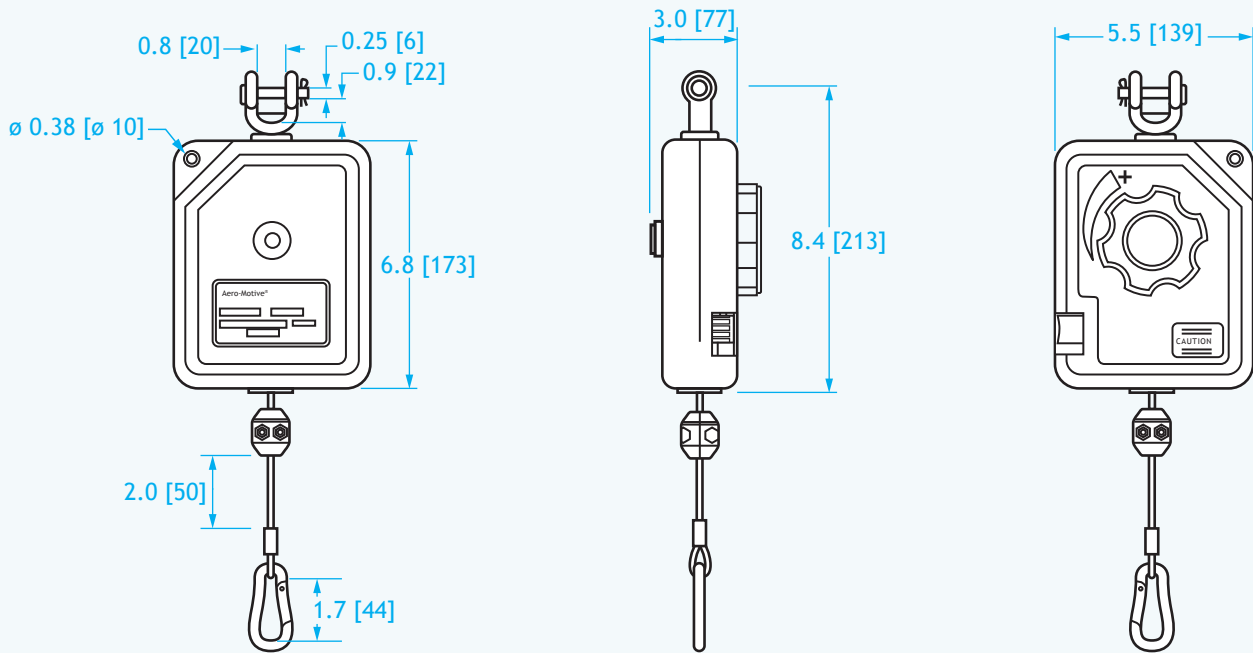
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
RF6	1301730055	1.8 to 2.7	4.0 to 6.0	2.0 m (6.6')	No
RF8	1301730061	2.7 to 3.6	6.0 to 8.0		
RFL6	1301730069	1.8 to 2.7	4.0 to 6.0		
RFL8	1301730074	2.7 to 3.6	6.0 to 8.0		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
RF Series	85	3	140	6	310	12	1.5	3.5
RFL Series								

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

# RETRACTORS ➤

5F and 5FLR Series  
Standard Industrial Duty

Aero-Motive® 5F and 5FLR retractors, equipped with power springs, provide best-in-class ergonomics and long-lasting lifecycles, and are a great choice for tools weighing between 1 to 5 lb (0.4 to 2.3 kg).

## Product Features\*

- Automatic Safety Lock:** No
- Manual Safety Lock:** No
- Upper Mount:** Fixed-Shackle & Cotter Pin
- External Tension Adjustment:** Shaft and Spring Friction Clutch
- Ratchet Lock (ON/OFF):** FLR Model
- Secondary Support:** Safety Cable (Optional)
- Serviceable:** Yes with Aero-Motive® Repair Parts or Kits

**Upper Mount:** Fixed Industrial Grade Shackle with Safety Cotter Pin

**Dual Hole Mount Position** for Cable and Guide Alignment

**Secondary Support:** Mount Hole for Safety Cable (Optional)

**Sheet-Metal Housing** to Protect Spring and Drum

**Cable Guide:** Hardened Steel

**Rubber Shock Absorber**

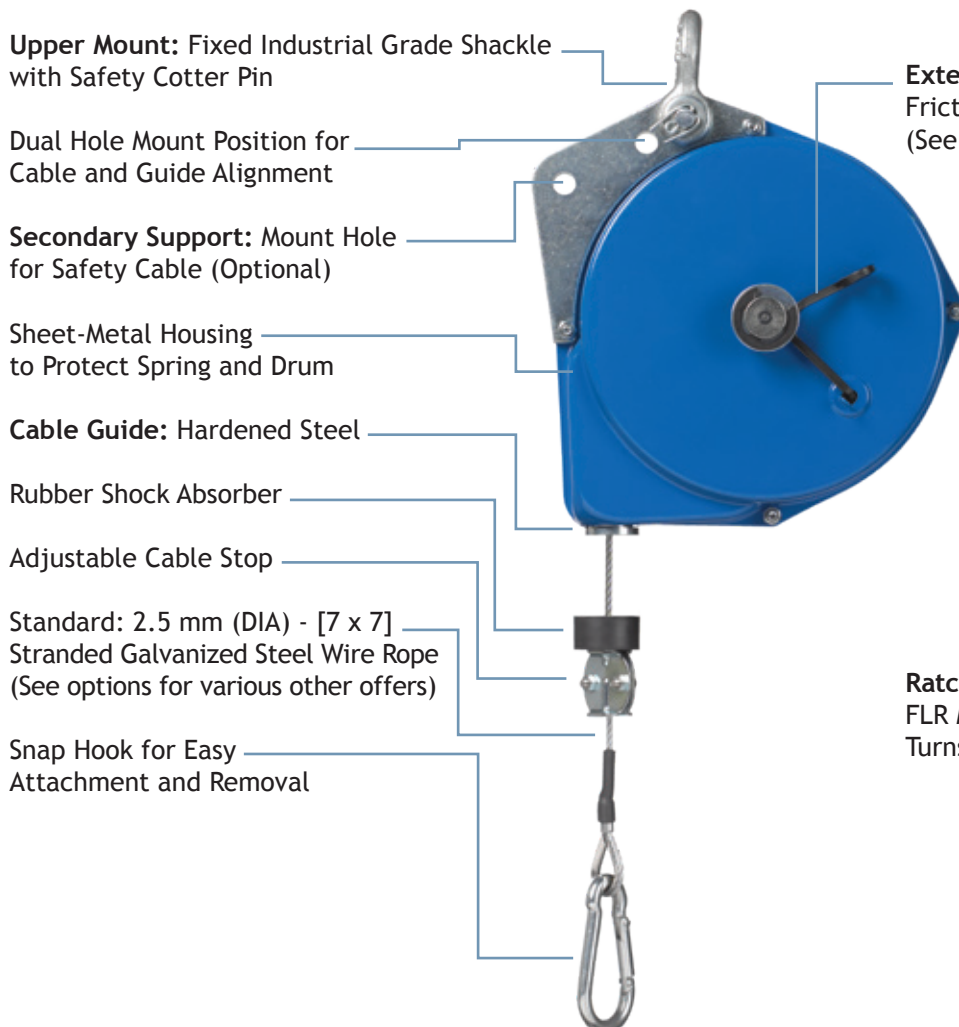
**Adjustable Cable Stop**

**Standard:** 2.5 mm (DIA) - [7 x 7] Stranded Galvanized Steel Wire Rope (See options for various other offers)

**Snap Hook** for Easy Attachment and Removal

**External Tension Adjustment:** Friction Clutch Easily Operated (See service manual)

**Ratchet Lock (ON/OFF):** FLR Models Only, Turns ON or OFF Easily



\*Feature Identifiers (in bold) defined on pages 6 to 9.

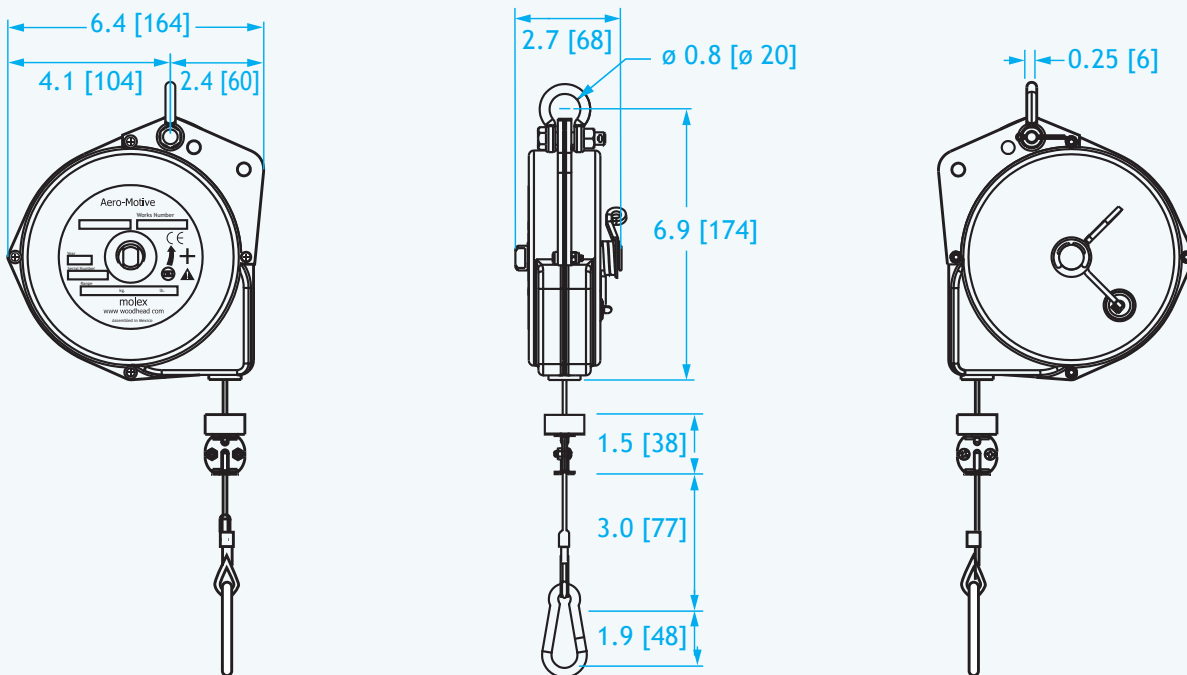


## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
5F	1301750014	0.4 to 2.3	1.0 to 5.0	2.4 m (8.0')	Yes
5FLR	1301750016	0.4 to 2.3	1.0 to 5.0		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
5F	140	6	203	8	262	10	2.2	5.0
5FLR								

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

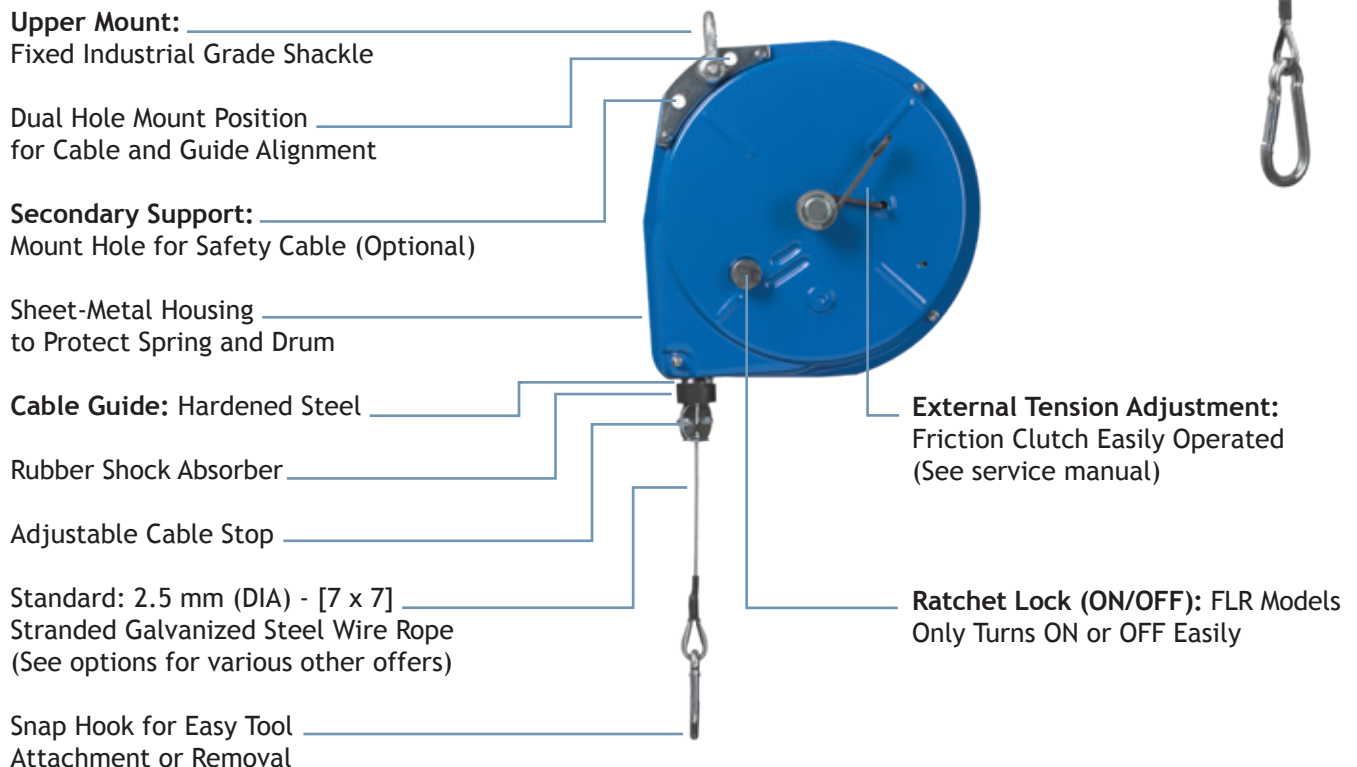
# RETRACTORS ➤

10F/22F and 10FLR/22FLR Series  
Standard Industrial Duty

Aero-Motive® 10/22F and 10/22FLR retractors equipped with NEW Power Springs achieve best-in-class ergonomics and long lasting life cycles. These series retractors are the ideal tool support products for common assembly tools weighing up to 22 lb [10 kg] in any general assembly process.

## Product Features\*

- Automatic Safety Lock:** No
- Manual Safety Lock:** No
- Upper Mount:** Fixed Shackle & Cotter Pin
- External Tension Adjustment:** Shaft and Spring Friction Clutch
- Ratchet Lock (ON/OFF):** FLR Model
- Secondary Support:** Safety Cable (Optional)
- Serviceable:** Yes with Aero-Motive® Repair Parts or Kits



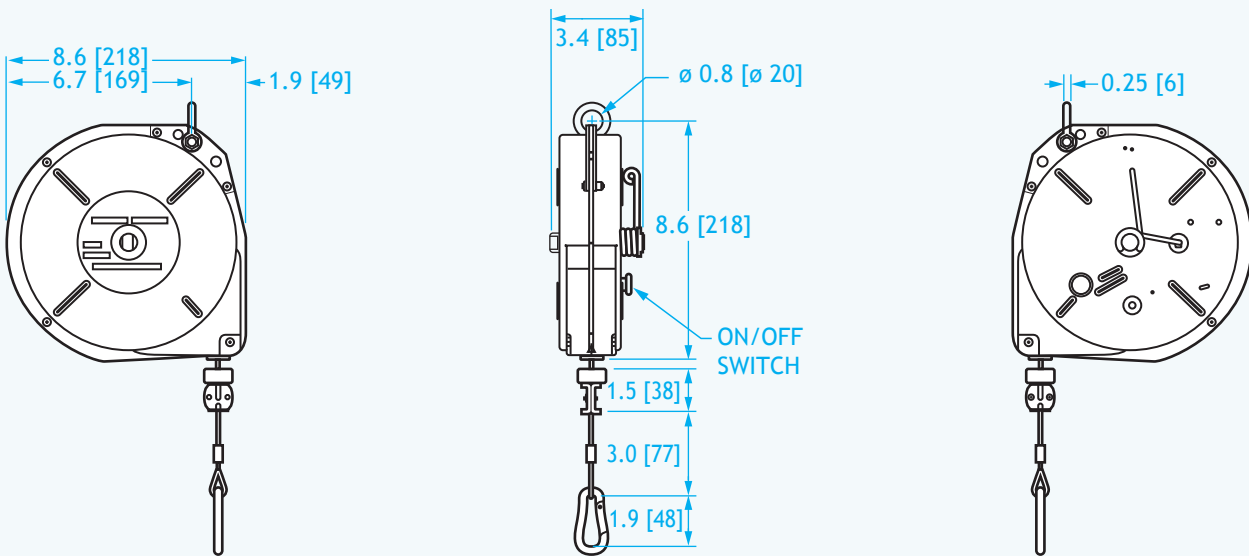
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
10F	1301750001	1.8 to 4.5	4.0 to 10.0	2.4 m (8.0')	Yes
22F	1301750011	3.6 to 10.0	8.0 to 22.0		
10FLR	1301750003	1.8 to 4.5	4.0 to 10.0		
22FLR	1301750012	3.6 to 10.0	8.0 to 22.0		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
10F & 10FLR	165	7	286	11	300	12	4.5	10.0
22F & 22FLR								

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

# RETRACTORS ➤

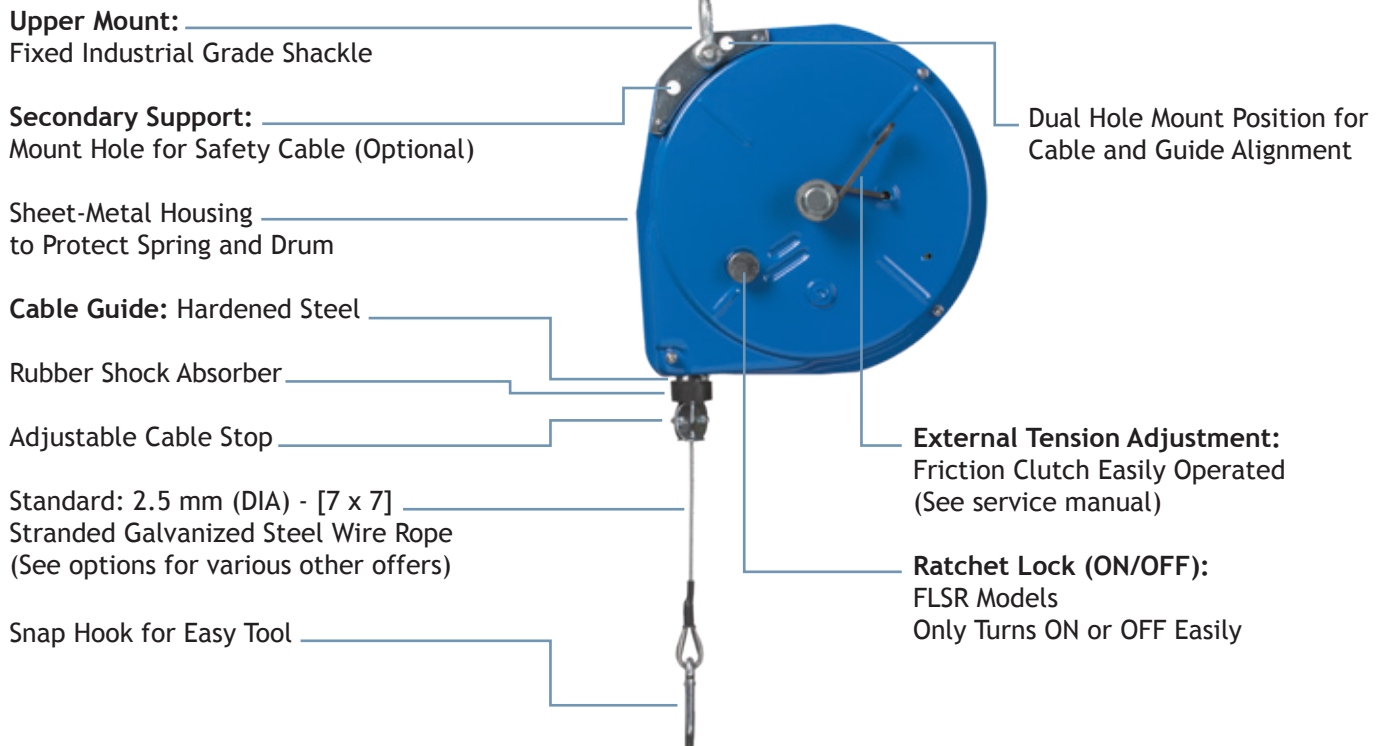
10/22FLS and 10/22FLSR Series  
Standard Industrial Duty

**NEW**

Aero-Motive® 10/22FLS and 10/22FLSR retractors offer the exact same performance as 10/22F and 10/22FLR, but are equipped with Automatic Safety Lock. These retractors meet DIN15112 standards, which require arresting a load in place should the unit lose tension or in the event of a power spring failure.

## Product Features\*

- Automatic Safety Lock:** Yes
- Manual Safety Lock:** No
- Upper Mount:** Fixed-Shackle and Cotter Pin
- External Tension Adjustment:** Shaft and Spring Friction Clutch
- Ratchet Lock (ON/OFF):** FLSR Model
- Secondary Support:** Safety Cable (Optional)
- Serviceable:** Yes with Aero-Motive® Repair Parts or Kits



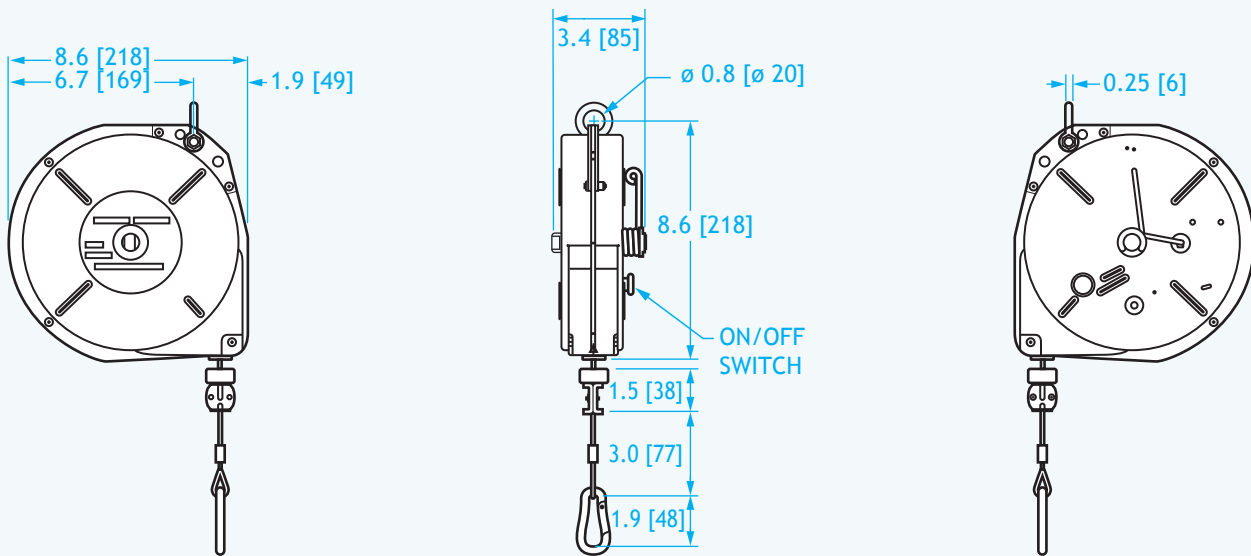
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
10FLS	1301750062	1.8 to 4.5	4.0 to 10.0	2.4 m (8.0')	Yes
22FLS	1301750063	3.6 to 10.0	8.0 to 22.0		
10FLSR	1301750064	1.8 to 4.5	4.0 to 10.0		
22FLSR	1301750065	3.6 to 10.0	8.0 to 22.0		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
10FLS & 10FLSR	165	7	286	11	300	12	4.5	10.0
22FLS & 22FLSR								

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

# RETRACTORS ➤

FLRC Series  
Heavy Industrial Duty

Aero-Motive® FLRC Series retractors are built tough to be able to withstand the harshest environments within the general assembly area. These retractors work in heavy industrial-duty environments and are exposed to high-impact collisions with other larger sized products mounted on the same assembly rails.



## Product Features\*

- Automatic Safety Lock: No
- Manual Safety Lock: No
- Upper Mount: 360° Swivel Hanger
- External Tension Adjustment: Shaft and Spring Friction Clutch
- Ratchet Lock (ON/OFF): Yes
- Secondary Support: Safety Cable (Optional)
- Serviceable: Yes with Aero-Motive® Repair Parts or Kits

**Upper Mount: 360° Swivel Hanger with Safety Cotter Pin**

**High-Pressure Extra-Thick Cast Aluminum Housings**

**Cable Guide: Hardened Steel**

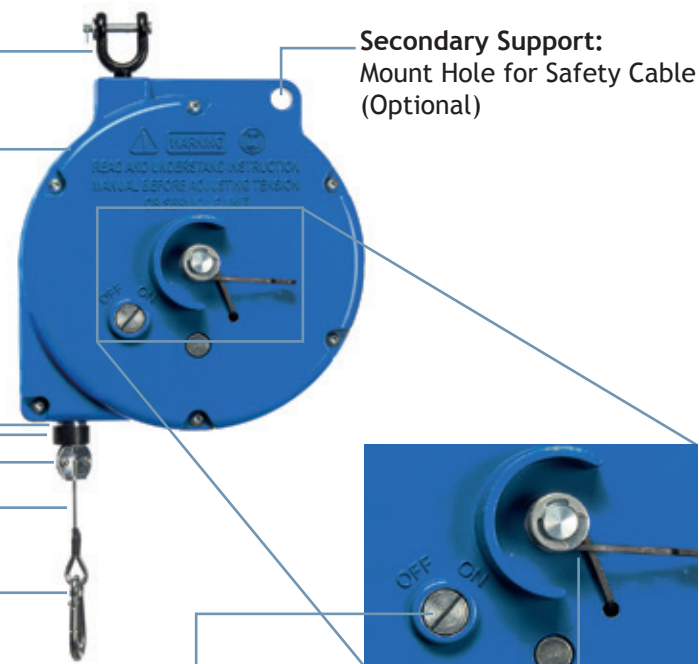
**Rubber Shock Absorber**

**Adjustable Cable Stop**

**Standard: 2.5 mm (DIA) - [7 x 7] Stranded Galvanized Steel Wire Rope (See options for various other offers)**

**Snap Hook for Easy Tool Attachment or Removal**

**Secondary Support: Mount Hole for Safety Cable (Optional)**



**Ratchet Lock (ON/OFF): Turns ON or OFF Easily**

**External Tension Adjustment: Friction Clutch Easily Operated (See service manual)**

\*Feature Identifiers (in bold) defined on pages 6 to 9.

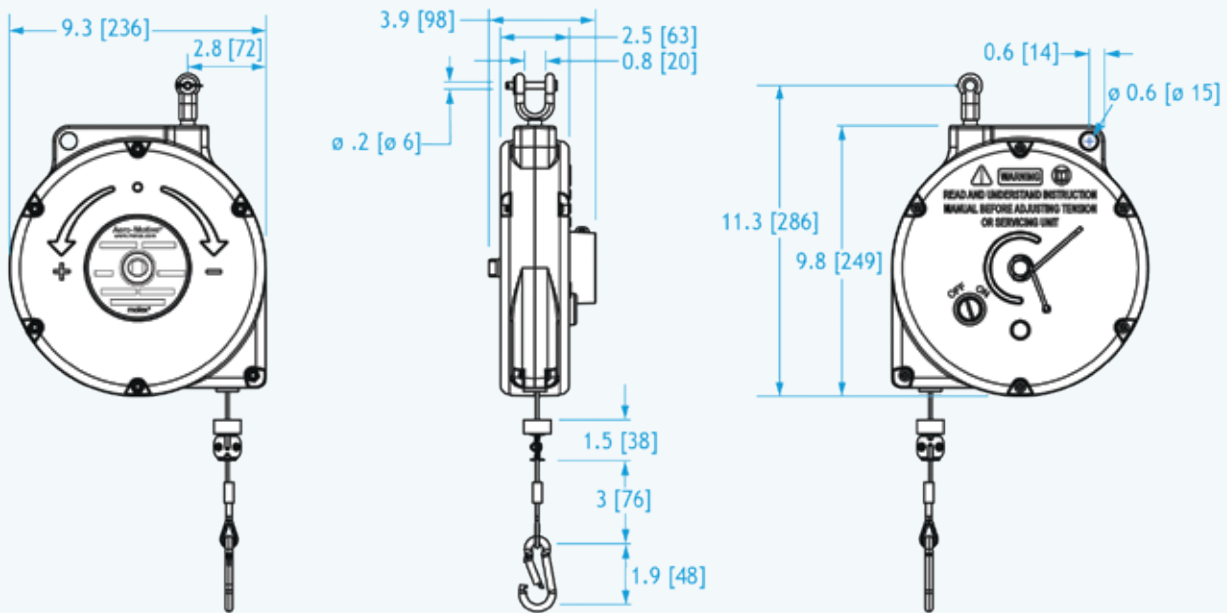


## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
5FLRC	1301740014	0.8 to 3.2	2.0 to 7.0	2.4 m (8.0')	Yes
10FLRC	1301740001	1.8 to 4.5	4.0 to 10.0		
22FLRC	1301740009	3.6 to 10.0	8.0 to 22.0		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
5FLRC	305	12	330	13	210	8	5.9	13.0
10FLRC								
22FLRC	305	12	330	13	210	8	5.9	13.0

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

# WEIGHT BALANCING > FOR HIGH PRODUCTIVITY



**Balancers** are devices designed to provide true balance or referred to as Zero Gravity for a specified load at any position within the active cable travel. A true balance condition is achieved through precise power-spring tension control and a unique cable drum design which matches the torque buildup from the power spring.

Tools or loads attached to Aero-Motive® Balancers become almost weightless in the hands of operators, allowing maximum freedom to work more efficiently and reduce fatigue throughout work shifts, leading to increased productivity.



## **AERO-MOTIVE® BALANCERS (WEIGHT BALANCING)**



### **APPLICATIONS**

**GENERAL INDUSTRIAL**

**MANUFACTURING/ASSEMBLY FACILITIES**

**WORKSTATIONS**

**PORTABLE TOOLS**

**ELECTRIC TOOLS**

**MECHANICAL TOOLS**

**PNEUMATIC TOOLS**

**CABLING & HOSES**

**WELDING GUNS**

# BALANCERS

AB and ABRL Series  
Light Industrial Duty

Designed for the light weight and small assembly tools to provide best ergonomics and long lasting life cycles. Balancers provide a cost-effective solution for improving productivity while keeping work stations organized and safeguarding expensive power tools from accidental drops.



## Product Features\*

- Automatic Safety Lock:** No
- Manual Safety Lock:** No
- Upper Mount:** 360° Swivel
- External Tension Adjustment:** Hex Cam and Lock Lever
- Ratchet Lock (ON/OFF):** ABRL Model
- Secondary Support:** Factory Equipped with Safety Chain
- Serviceable:** No

**Upper Mount:** 360° Swivel with Snap hook and Lock-Nut

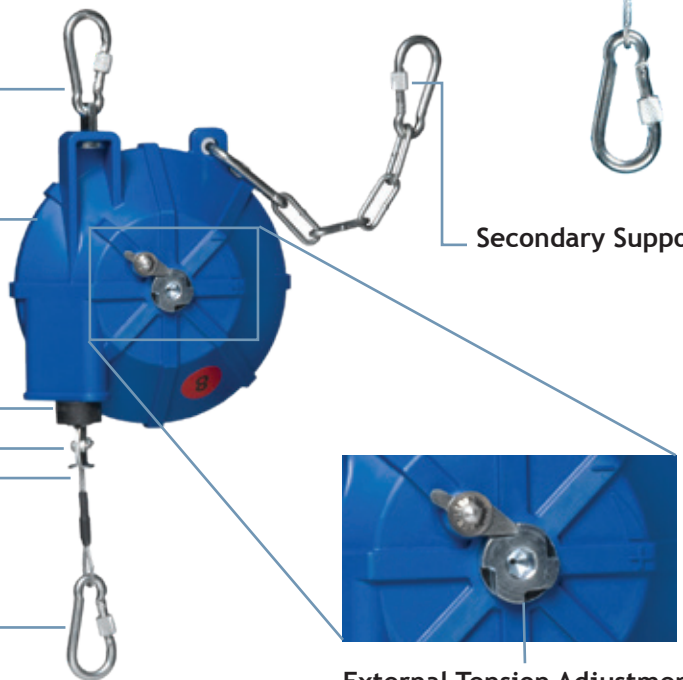
High-Impact ABS Housing

Rubber Shock Absorber

Adjustable Cable Stop

Standard: 2.5 mm (DIA) - [7 x 7] Stranded Galvanized Steel Wire Rope (See options for various other offers)

Snap Hook and Lock-Nut



Secondary Support

**External Tension Adjustment:** Hex Cam and Lock Lever

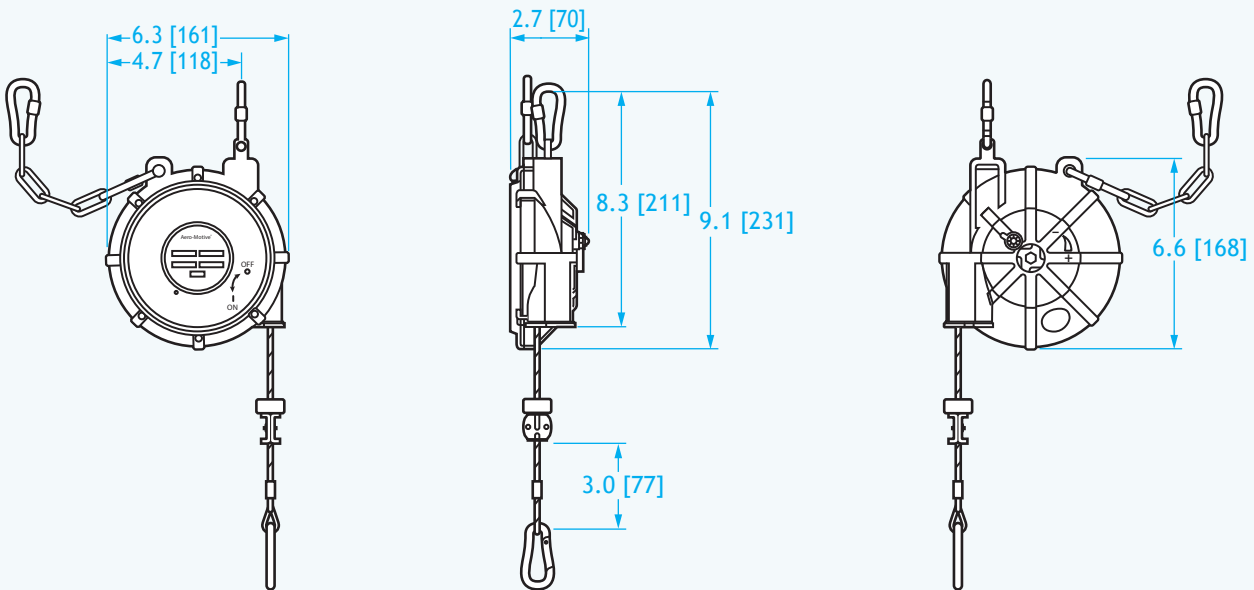
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
AB4	1302370001	0.7 to 1.8	1.5 to 4.0	1.6 m (5.3')	No
AB8	1302370002	1.8 to 3.6	4.0 to 8.0		
AB11	1302370003	3.6 to 5.0	8.0 to 11.0		
AB4RL	1302370004	0.7 to 1.8	1.5 to 4.0		
AB8RL	1302370005	1.8 to 3.6	4.0 to 8.0		
AB11RL	1302370006	3.6 to 5.0	8.0 to 11.0		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
AB Series	135	5	198	8	267	11	1.5	3.5
ABRL Series								

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.



# BALANCERS

BF and BFL Series  
Light Industrial Duty

BF series balancers provide true balance or Zero Gravity for tools weighing up to 24 lb [11 kg], anywhere within the active cable travel. Equipped with both automatic and manual safety lock, BF & BFL balancers prevent tools or loads from falling in the event that a unit loses tension or if a power spring failure would occur.

## Product Features\*

- Automatic Safety Lock:** Yes
- Manual Safety Lock:** No
- Upper Mount:** 360° Swivel Hanger
- External Tension Adjustment:** Shaft and Push Cam
- Ratchet Lock (ON):** BFL Model
- Secondary Support:** Safety Cable (Optional)
- Serviceable:** Yes with Aero-Motive® Repair arts or Kits

**Secondary Support:** \_\_\_\_\_  
Mount Hole for Safety Cable (Optional)

High-Impact ABS Housing \_\_\_\_\_

**Main Shaft:** Easy Unit  
Tension Adjustment \_\_\_\_\_

Rubber Shock Absorber \_\_\_\_\_

Adjustable Cable Stop \_\_\_\_\_

Standard: 3.0 mm (DIA) - [7 x 19]  
Stranded Galvanized Steel Wire Rope  
(See options for various other offers)

Snap Hook for Easy Tool  
Attachment or Removal \_\_\_\_\_



**Cable Guide:**  
Snap fit –  
high-impact plastic



**Upper Mount:** 360° Swivel  
with Safety Cotter Pin



**Push Cam:**  
Easy Unit De-Tensioning



**External Tension Adjustment:**  
Shaft and Push Cam

\*Feature Identifiers (in bold) defined on pages 6 to 9.

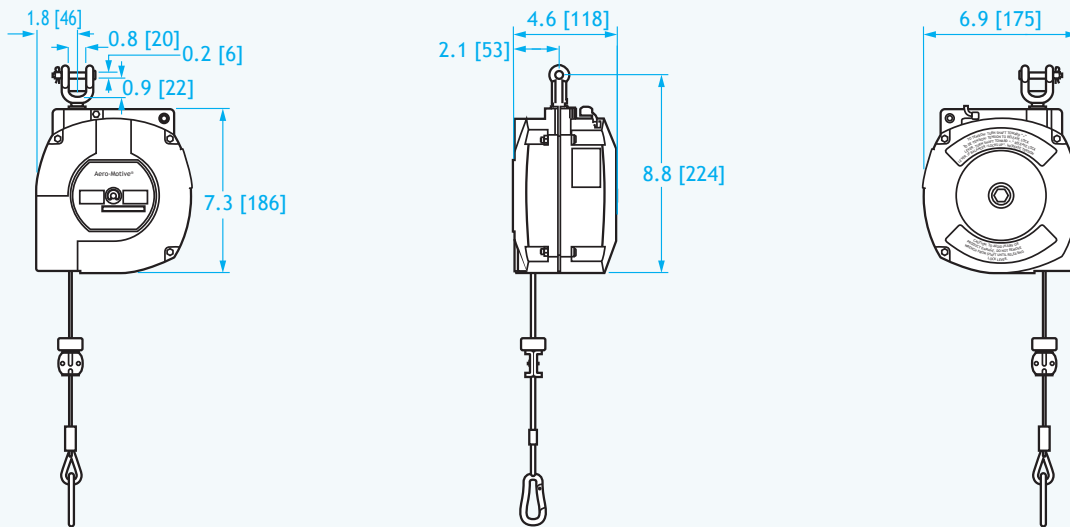


## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
BF6	1301700021	1.4 to 2.7	3.0 to 6.0	2.0 m (6.6')	Yes
BF9	1301700023	2.7 to 4.1	6.0 to 9.0		
BF13	1301700015	4.1 to 5.9	9.0 to 13.0		
BF18	1301700017	5.9 to 8.2	13.0 to 18.0		
BF24	1301700019	8.2 to 10.9	18.0 to 24.0		
BFL6	1301700032	1.4 to 2.7	3.0 to 6.0		
BFL9	1301700033	2.7 to 4.1	6.0 to 9.0		
BFL13	1301700025	4.1 to 5.9	9.0 to 13.0		
BFL18	1301700027	5.9 to 8.2	13.0 to 18.0		
BFL24	1301700030	8.2 to 10.9	18.0 to 24.0		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
BF Series	127	5	185	7	312	12	3.0	6.7
BFL Series								

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

# BALANCERS

EB & EBS and EBR & EBSR Series  
Standard Industrial Duty

EB balancers provide true balance or Zero Gravity for tools weighing up to 45 lb [21 kg] while Cast Aluminum Housings make these products a perfect fit for Standard Industrial Applications. Equipped with a Vertical Worm Gear Tension Adjustment which provides easy and precise power spring tension control.

## Product Features\*

- Automatic Safety Lock: Yes
- Manual Safety Lock: Yes
- Upper Mount: 360° Swivel
- External Tension Adjustment: Worm Gear Vertical
- Ratchet Lock (ON): EBR Model
- Secondary Support: Factory Equipped with Safety Chain
- Serviceable: Yes with Aero-Motive® Repair Parts or Kits

**Upper Mount: 360° Swivel**  
Industrial Grade Shackle

High-Pressure Thick  
Cast Aluminum Housings

Rubber Shock Absorber

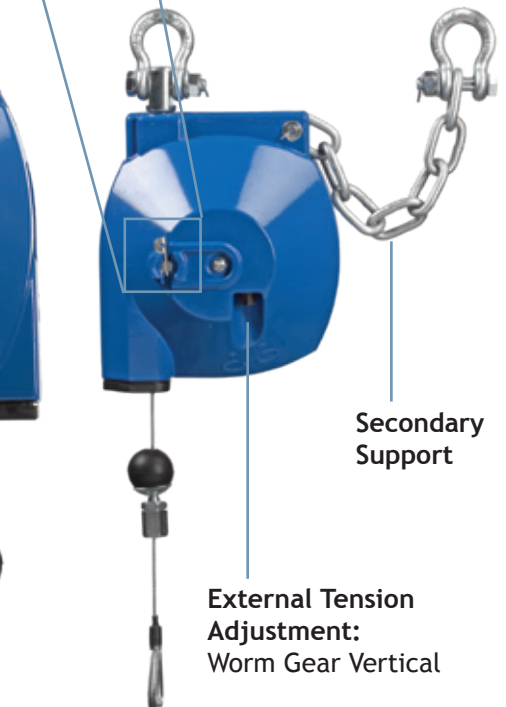
Adjustable Cable Stop

Standard: 3.0 mm (DIA) - [7 x 19]  
Stranded Galvanized Steel  
Wire Rope (See options for  
various other offers)

Industrial-Grade Eye Hook  
with Spring-Loaded Latch

Cable Guide:  
Snap fit –  
high-impact plastic

Manual Safety Lock:  
“Push/Pull” Lever



Secondary  
Support

External Tension  
Adjustment:  
Worm Gear Vertical

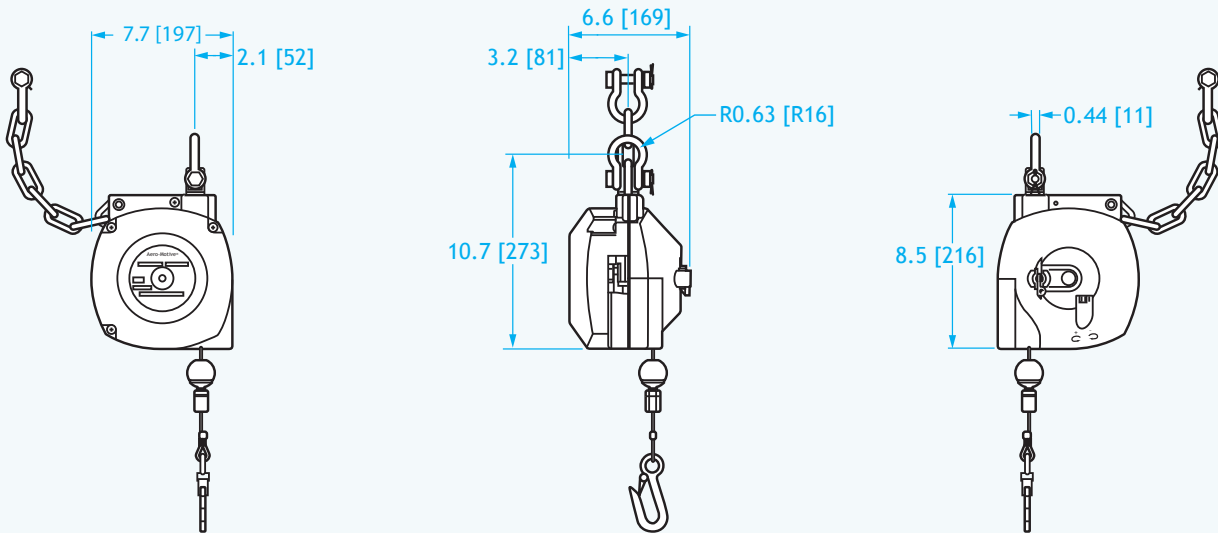
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
25EB	1301710300	8.2 to 11.4	18.0 to 25.0	2.0 m (6.6')	Yes
35EB	1301710302	11.4 to 15.9	25.0 to 35.0		
45EB	1301710305	15.9 to 20.5	35.0 to 45.0		
25EBR	1301710301	8.2 to 11.4	18.0 to 25.0		
35EBR	1301710303	11.4 to 15.9	25.0 to 35.0		
45EBR	1301710306	15.9 to 20.5	35.0 to 45.0	1.5 m (4.9')	
48EBS	1301710307	15.9 to 21.8	35.0 to 48.0		
60EBS	1301710309	20.5 to 27.3	45.0 to 60.0		
48EBSR	1301710308	15.9 to 21.8	35.0 to 48.0		
60EBSR	1301710310	20.5 to 27.3	45.0 to 60.0		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
EB & EBR	280	11	381	15	324	13	10.0	22.0
EBS & EBSR								

Specifications for reference only [± 10%]. Subject to change without notice.

# BALANCERS

EA Series  
Heavy Industrial Duty

Equipped with Vertical Worm Gear Tension Adjustment which provides easy and precise power spring tension control. Aero-Motive® EA balancers include an easy cable change-over feature, enabling users to perform cable changes while the unit is still in service, thus reducing application down time.

## Product Features\*

- Automatic Safety Lock:** Yes—Power-Based Design
- Manual Safety Lock:** Yes
- Upper Mount:** 360° Swivel
- External Tension Adjustment:** Worm Gear Vertical
- WearGuard™ Epoxy:** Extends Cable and Drum Life
- Declutching Spring Hub:** Prevents Power Spring Damage
- Secondary Support:** Factory Equipped with Safety Chain
- Serviceable:** Yes with Aero-Motive® Repair Parts or Kits

**Upper Mount:** 360° Swivel  
Industrial Grade Shackles

Dual Hole Mount Position for  
Cable and Guide Alignment

High-Pressure Extra-Thick  
Cast Aluminum Housings

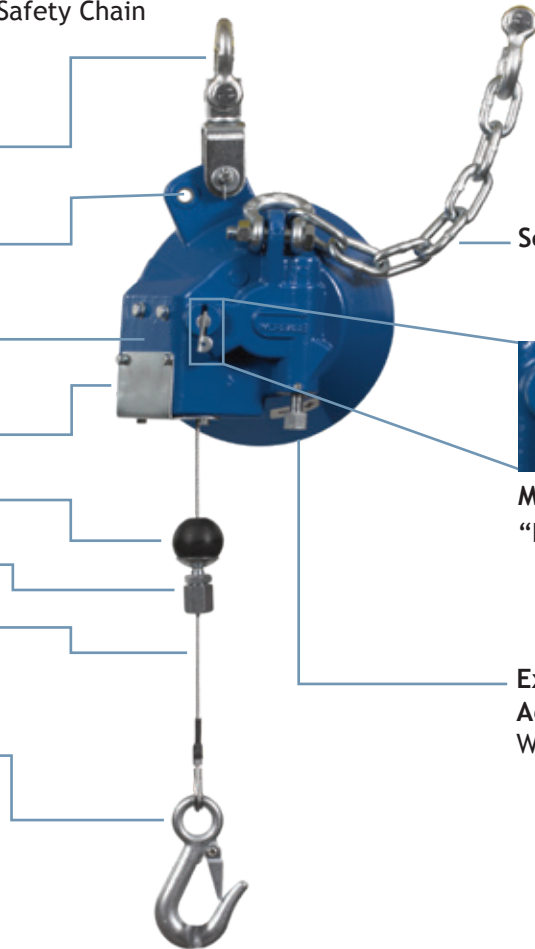
**Cable Guide:** Hardened Steel

Rubber Shock Absorber

Adjustable Cable Stop

Standard: 3.0 mm (DIA) - [7 x 19]  
Stranded Galvanized Steel Wire Rope  
(See options for various other offers)

Industrial-Grade Eye Hook  
with Spring-Loaded Latch



Secondary Support

**Manual Safety Lock:**  
“Push/Pull” Lever

**External Tension Adjustment:**  
Worm Gear Vertical

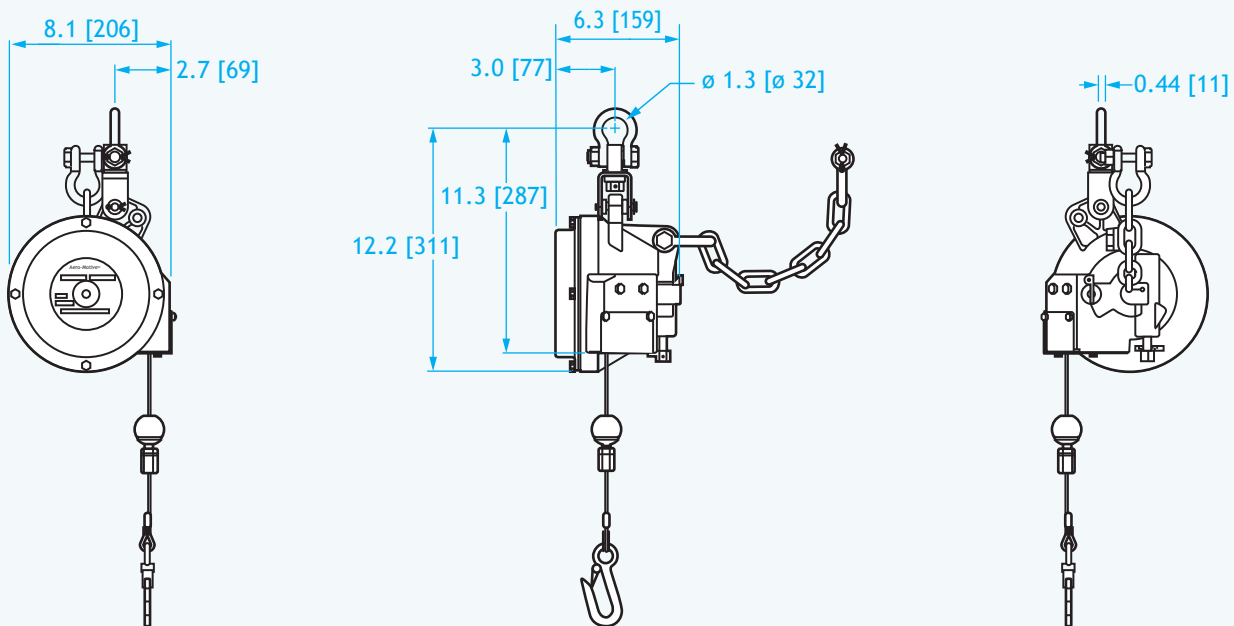
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
10EA	1301720020	2.3 to 5.0	5.0 to 11.0	1.8 m (6.0')	Yes
20EA	1301720103	5.0 to 9.0	11.0 to 20.0		
30EA	1301720152	9.0 to 14.0	20.0 to 31.0		
40EA	1301720184	13.0 to 18.0	29.0 to 40.0		
50EA	1301720195	18.0 to 23.0	40.0 to 51.0		
60EA	1301720207	23.0 to 28.0	51.0 to 62.0		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
EA Series	330	13	203	8	304	12	8.6	19.0

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

# BALANCERS

EL Series  
Heavy Industrial Duty

EL Series balancers share the same design features as the EA Series balancers, but employ a Ratchet Lock feature which can be turned ON or OFF depending on application requirements. The ratchet lock feature is designed to be able to lock the load in place at any desired position along the active cable travel and can withstand loads of up to 62 lb [28 kg].

## Product Features\*

- Automatic Safety Lock:** Yes—Power-Based Design
- Manual Safety Lock:** Yes
- Upper Mount:** 360° Swivel
- Ratchet Lock (ON/OFF):** Yes
- External Tension Adjustment:** Worm Gear Vertical
- WearGuard™ Epoxy:** Extends Cable and Drum Life
- Declutching Spring Hub:** Prevents Power Spring Damage
- Secondary Support:** Factory Equipped with Safety Chain
- Serviceable:** Yes with Aero-Motive® Repair Parts or Kits

**Upper Mount:** 360° Swivel  
Industrial Grade Shackle

Dual Hole Mount Position  
for Cable and Guide Alignment

High-Pressure Extra-Thick  
Cast Aluminum Housings

**Cable Guide:** Hardened Steel

Rubber Shock Absorber

Adjustable Cable Stop

Industrial-Grade Eye Hook  
with Spring-Loaded Latch

**Ratchet Lock (ON/OFF):**  
Turns ON or OFF Easily

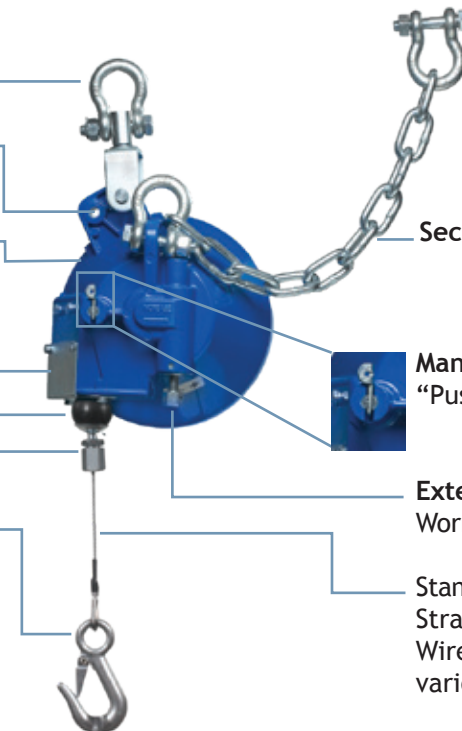


Secondary Support

**Manual Safety Lock:**  
“Push/Pull” Lever

**External Tension Adjustment:**  
Worm Gear Vertical

Standard: 3.0 mm (DIA) - [7 x 19]  
Stranded Galvanized Steel  
Wire Rope (See options for  
various other offers)



\*Feature Identifiers (in bold) defined on pages 6 to 9.

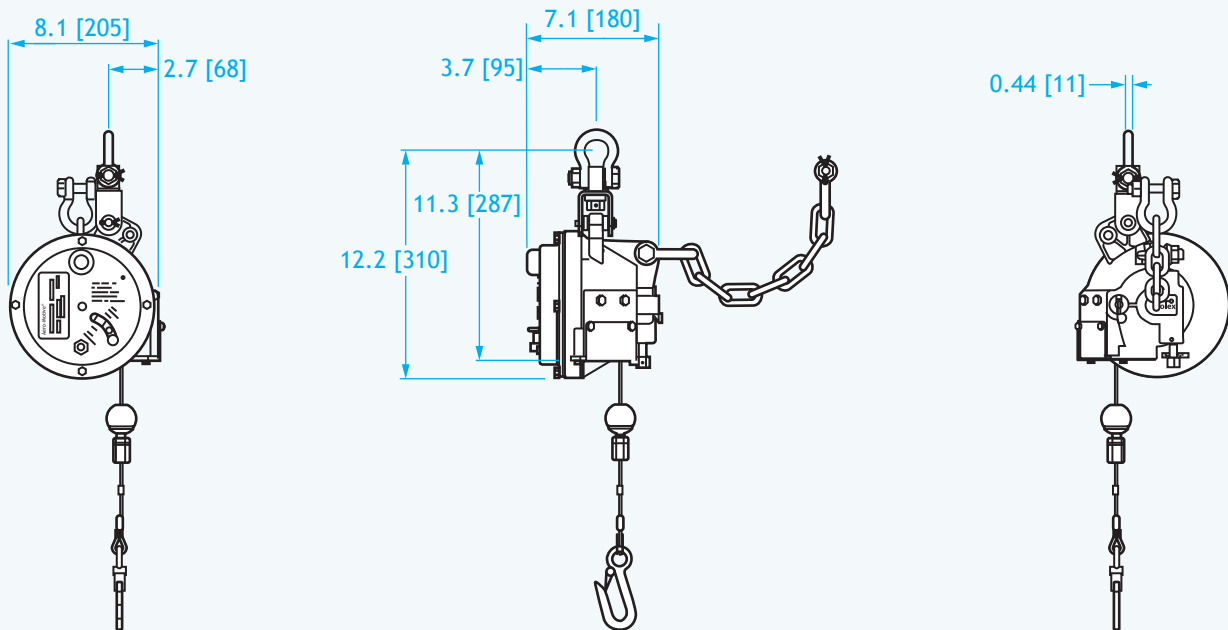


## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
10EL	1301720637	2.3 to 5.0	5.0 to 11.0	1.8 m (6.0')	Yes
25EL	1301720133	5.4 to 11.3	12.0 to 25.0		
40EL	1301720186	11.8 to 18.0	26.0 to 40.0		
50EL	1301720197	18.0 to 23.0	40.0 to 51.0		
60EL	1301720208	23.0 to 28.0	51.0 to 62.0		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
EL Series	330	13	203	8	304	12	9.5	21.0

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

# BALANCERS

JA Series  
Heavy Industrial Duty

JA Series balancers, equipped with one power spring, were designed specifically for Heavy Industrial Applications and are ideal for balancing industrial tools weighing up to 100 lb [45 kg]. Tools attached to JA Series balancers become almost weightless in the hands of operators, allowing maximum freedom to work more efficiently and reduce fatigue throughout work shifts.

## Product Features\*

- Automatic Safety Lock:** Yes—Power-Based Design
- Manual Safety Lock:** Yes
- Upper Mount:** 360° Swivel
- External Tension Adjustment:** Worm Gear Vertical
- WearGuard™ Epoxy:** Extends Cable and Drum Life
- Declutching Spring Hub:** Prevents Power Spring Damage
- Secondary Support:** Factory Equipped with Safety Chain
- Serviceable:** Yes with Aero-Motive® Repair Parts or Kits

**Upper Mount:** 360° Swivel  
Industrial Grade Shackle

High-Pressure Extra Thick  
Cast Aluminum Housings

**Manual Safety Lock:**  
“Push/Pull” Lever

**Cable Guide:**  
Unique Design with Rollers

Rubber Shock Absorber

Adjustable Cable Stop

Options including Upper Shackle Mounts,  
special cable assemblies etc. are available.  
We would be happy to advise you.

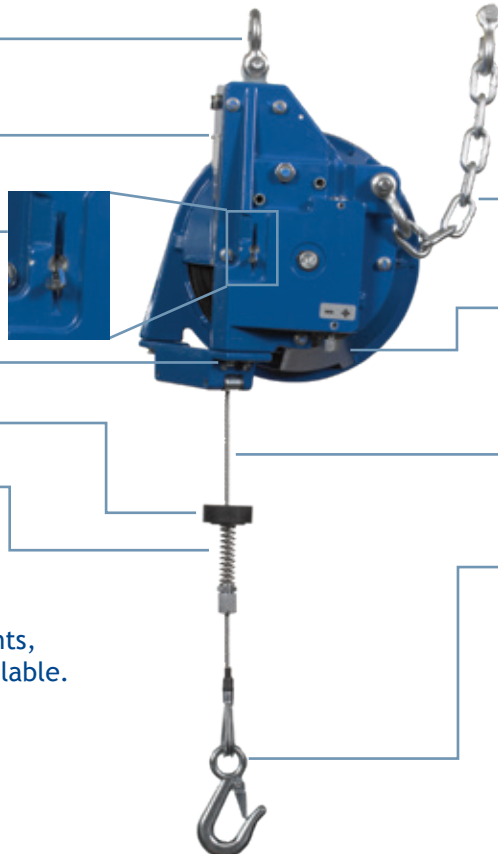


Secondary Support

**External Tension Adjustment:**  
Worm Gear Vertical

Standard-5.0 mm (DIA) - [7 x 19]  
Stranded Galvanized Steel Wire  
Rope (See options for various  
other offers)

Industrial-Grade Eye Hook  
with Spring-Loaded Latch



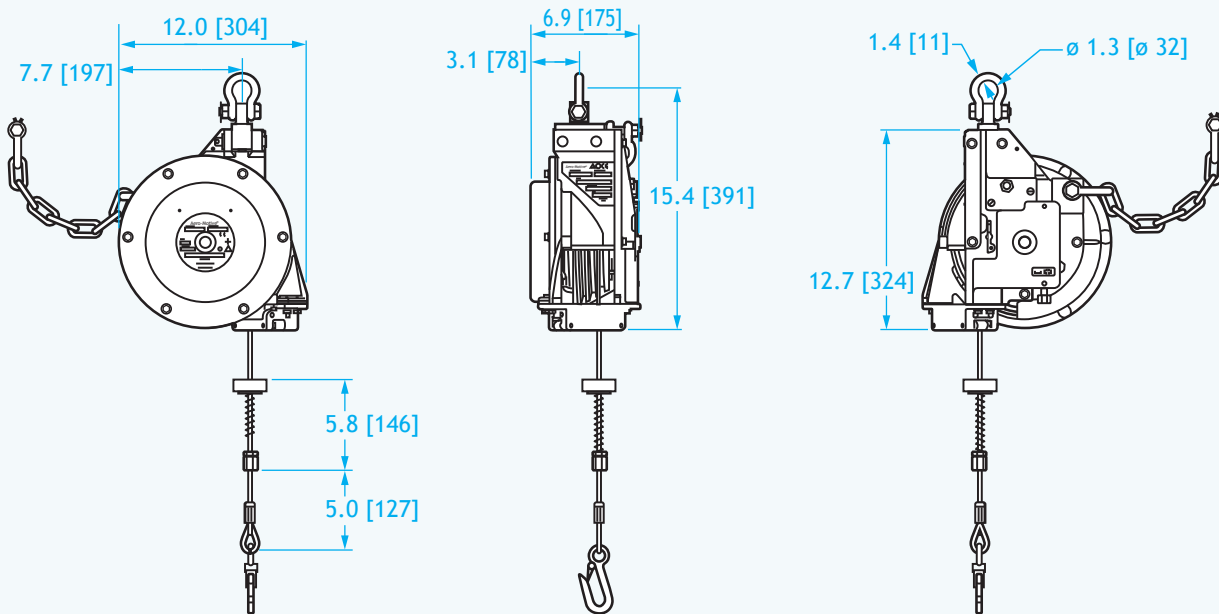
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
20JA	1301720106	6.0 to 11.0	13 to 25	2.1 m (7.0')	Yes
30JA	1301720157	11.0 to 16.0	24 to 35		
40JA	1301720189	13.0 to 20.0	29 to 45		
50JA	1301720199	18.0 to 25.0	40 to 55		
60JA	1301720210	25.0 to 30.0	55 to 65		
70JA	1301720221	24.0 to 32.0	53 to 70		
80JA	1301720241	31.0 to 39.0	68 to 86		
90JA	1301720296	36.0 to 41.0	79 to 90		
100JA	1301720015	40.0 to 45.0	88 to 100		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
JA Series	380	15	340	13	490	19	17.5	38.0

Specifications for reference only [ $\pm$ 10 %]. Subject to change without notice.

# BALANCERS

KA Series  
Heavy Industrial Duty

KA balancers, equipped with two power springs, are the workhorses for the heavy industrial tools weighing up to 240 lb [110 kg]. Automatic Safety Lock system is a Power Based System which triggers on power loss from any of the two power springs. The Safety Lock system can be easily adjusted and fully tested by qualified personnel to meet desired Safety Lock expectations.



## Product Features\*

- Automatic Safety Lock:** Yes—Power Based and Adjustable
- Manual Safety Lock:** Yes
- Upper Mount:** 360° Swivel
- External Tension Adjustment:** Worm Gear Vertical
- WearGuard™ Epoxy:** Extends Cable and Drum Life
- Declutching Spring Hub:** Prevents Power Spring Damage
- Secondary Support:** Factory Equipped with Safety Chain
- Serviceable:** Yes with Aero-Motive® Repair Parts or Kits

### Upper Mount:

360° Swivel Industrial Grade Shackle

High-Pressure Extra-Thick  
Cast Aluminum Housings

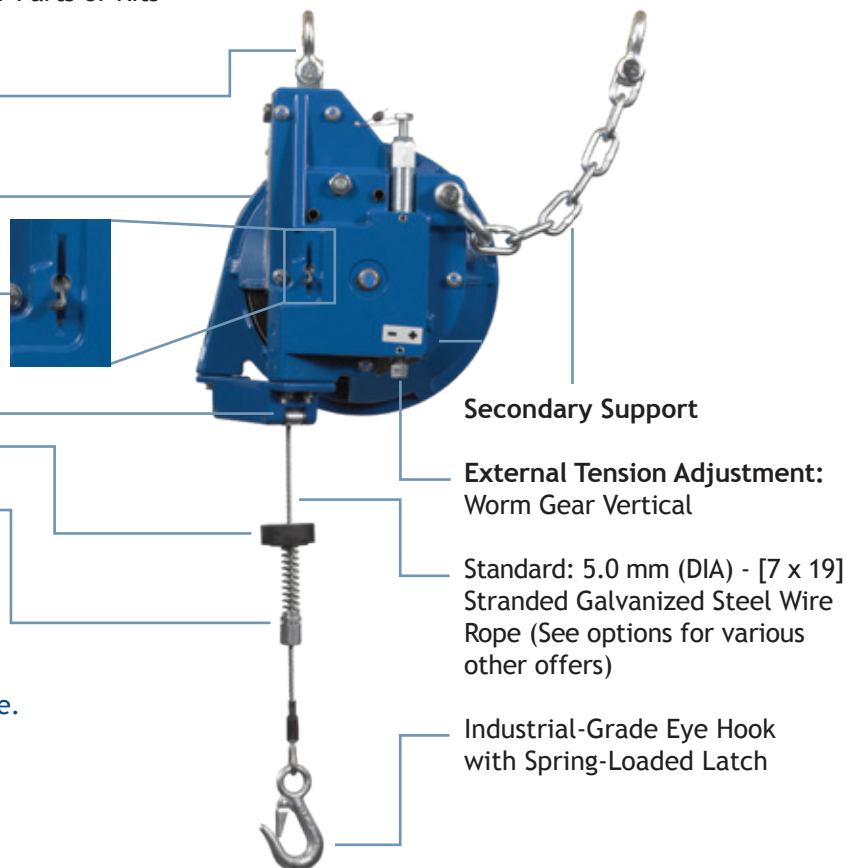
**Manual Safety Lock:**  
“Push/Pull” Lever

**Cable Guide:**  
Unique Design with Rollers

Rubber Shock Absorber

Adjustable Cable Stop

Options including Upper Shackle Mounts,  
special cable assemblies etc. are available.  
We would be happy to advise you.



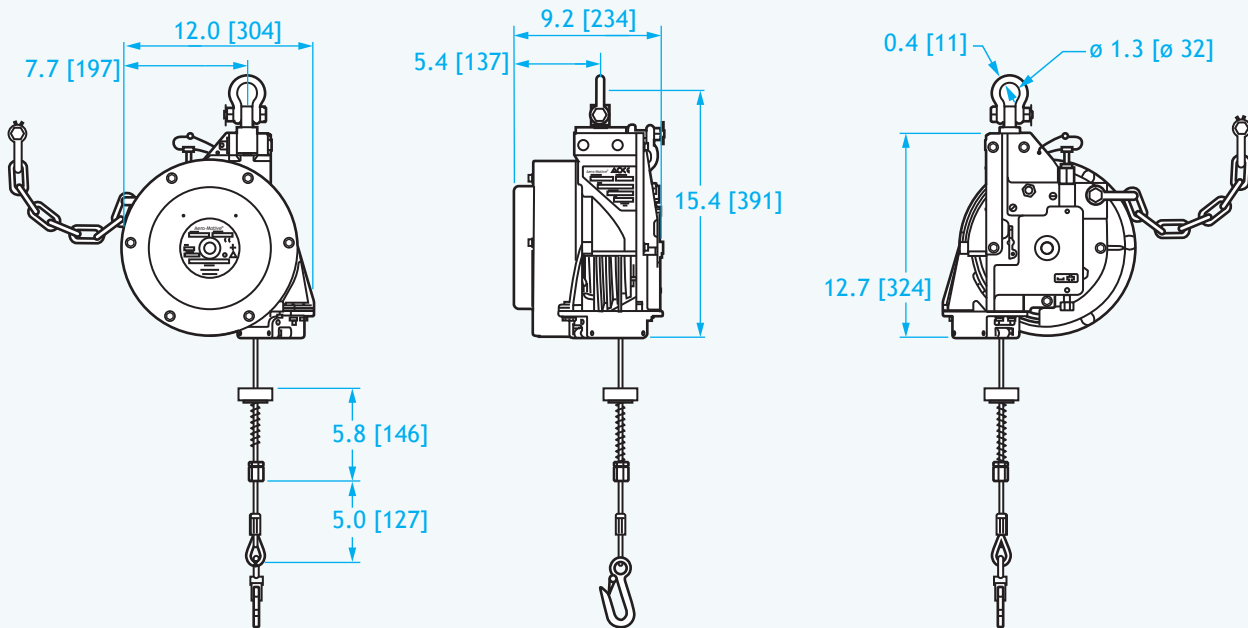
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Travel (m)	Weight Range (lb)	Travel (ft)
115KA	1301720875	38 to 52	2.1	84 to 115	7.0
125KA	1301720785	52 to 57	2.1	115 to 125	7.0
145KA	1301720786	56 to 66	2.1	124 to 145	7.0
165KA	1301720787	65 to 75	2.1	143 to 165	7.0
175KA	1301720788	72 to 79	2.1	159 to 175	7.0
200KA	1301720098	79 to 91	2.1	175 to 200	7.0
220KA	1301720116	90 to 100	2.1	200 to 220	7.0
240KA	1301720124	100 to 110	2.1	220 to 240	7.0

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
KA Series	380	15	340	13	490	19	28.0	6.2

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

# BALANCERS

LA Series  
Heavy Industrial Duty

LA balancers, equipped with three power springs, have been designed for the heavy weight industrial tools weighing up to 370 lb [168 kg], working into Heavy Industrial Duty Applications. Automatic Safety Lock system is a Power Based System which triggers on power loss from any of the three power springs.



## Product Features\*

- Automatic Safety Lock:** Yes
- Manual Safety Lock:** Yes
- Upper Mount:** 360° Swivel
- External Tension Adjustment:** Worm Gear Vertical
- WearGuard™ Epoxy:** Extends Cable and Drum Life
- Decutching Spring Hub:** Prevents Power Spring Damage
- Secondary Support:** Factory Equipped with Safety Chain
- Serviceable:** Yes with Aero-Motive® Repair Parts or Kits

### Secondary Support

High-Pressure Extra-Thick Cast Aluminum Housings

**Cable Guide:** Unique Design with Rollers

Standard: 5.0 mm (DIA) - [7 x 19] Stranded Galvanized Steel Wire Rope (See options for various other offers)

Rubber Shock Absorber

**Upper Mount:** 360° Swivel Industrial Grade Shackle

**Manual Safety Lock:** "Push/Pull" Lever

**External Tension Adjustment:** Worm Gear Vertical

Adjustable Cable Stop

Industrial-grade eye hook with spring-loaded latch

Options including Upper Shackle Mounts, special cable assemblies etc. are available. We would be happy to advise you.



\*Feature Identifiers (in bold) defined on pages 6 to 9.

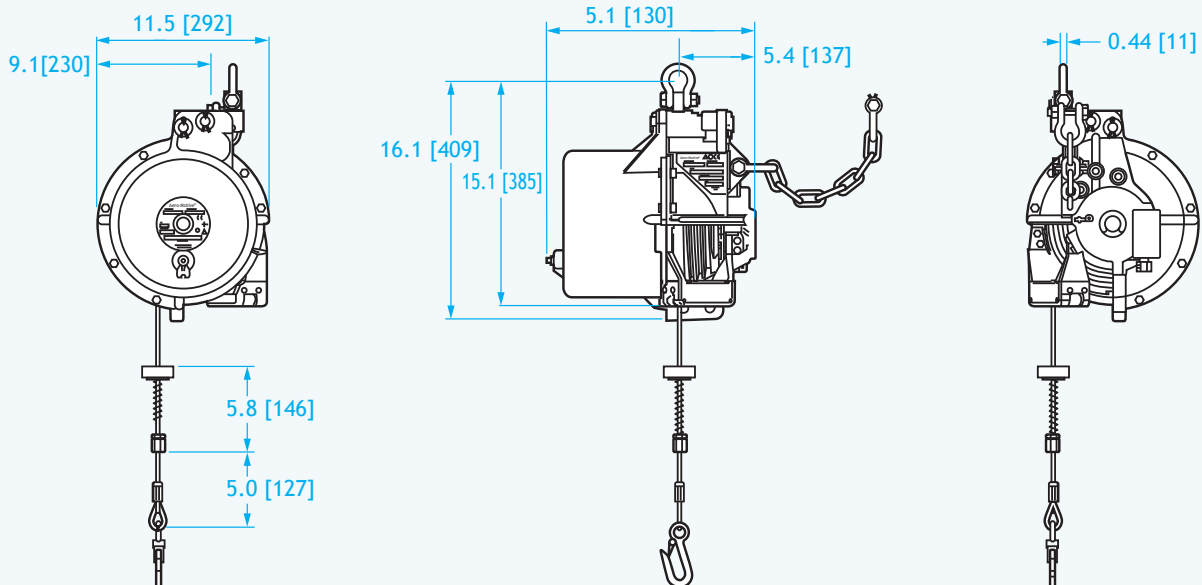


## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
210LA	1301720109	79.0 to 95.0	174 to 210	2.1 m (7.0')	Yes
230LA	1301720118	95.0 to 107.0	209 to 236		
250LA	1301720126	106.0 to 113.0	234 to 250		
260LA	1301720135	113.0 to 120.0	249 to 265		
280LA	1301720140	120.0 to 127.0	265 to 280		
290LA	1301720143	127.0 to 132.0	280 to 291		
300LA	1301720146	131.0 to 136.0	289 to 300		
330LAS	1301720169	136.0 to 150.0	300 to 331	1.5 m (5.0')	
350LAS	1301720176	150.0 to 159.0	330 to 350		
370LAS	1301720180	163.0 to 168.0	350 to 370		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
LA Series	431	17	420	17	520	21	37.5	83.0

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

## OPERATING ELEMENTS > AT SET HEIGHT



**Torque Reels** are reeling devices primarily designed to be able to suspend push-button pendant stations or similar equipment weighing up to 15 lb [6.8 kg] with an active cable travel of 15' [4.6 M].

A lock mechanism permits the operator to stop the pendant at a desired height, while a slight pull on the cable releases the lock and will retract the pendant to the upper suspended position.



## AERO-MOTIVE® TORQUE REELS



### APPLICATIONS

GENERAL INDUSTRIAL  
INDUSTRIAL FACILITIES  
PENDANT STATIONS  
PORTABLE TOOLS  
CABLING & HOSES

# TORQUE REELS ➤

T and TR Series  
Standard Industrial Duty

Aero-Motive® offers two mounting options for Torque Reels. T Models offer hanging type installation and share the same design features and envelope size as FLR Series Retractors. TR Models offer rigid mount type for both horizontal or vertical mounting positions, based on application and installation needs. T and TR models offer an active cable travel up to 15' [4.6 m] and are capable of building tension of up to 19 lb [8.7 kg] to meet most pendent station weight requirements.

## Product Features\*

- Automatic Safety Lock: No
- Manual Safety Lock: No
- Upper Mount [T Model]: Hanging - Shackle and Cotter Pin
- Upper Mount [TR Model]: Rigid Mount - Vertical and Horizontal Mount
- External Tension Adjustment: Shaft and Spring Friction Clutch
- Ratchet Lock (ON/OFF): Yes
- Secondary Support: Safety Cable (Optional) - T Models only
- Serviceable: Yes with Aero-Motive® Repair Parts or Kits

**Rigid Mount: TR Model**  
Vertical or Horizontal

**External Tension Adjustment:**  
Friction Clutch - Easily Operated  
(See service manual)

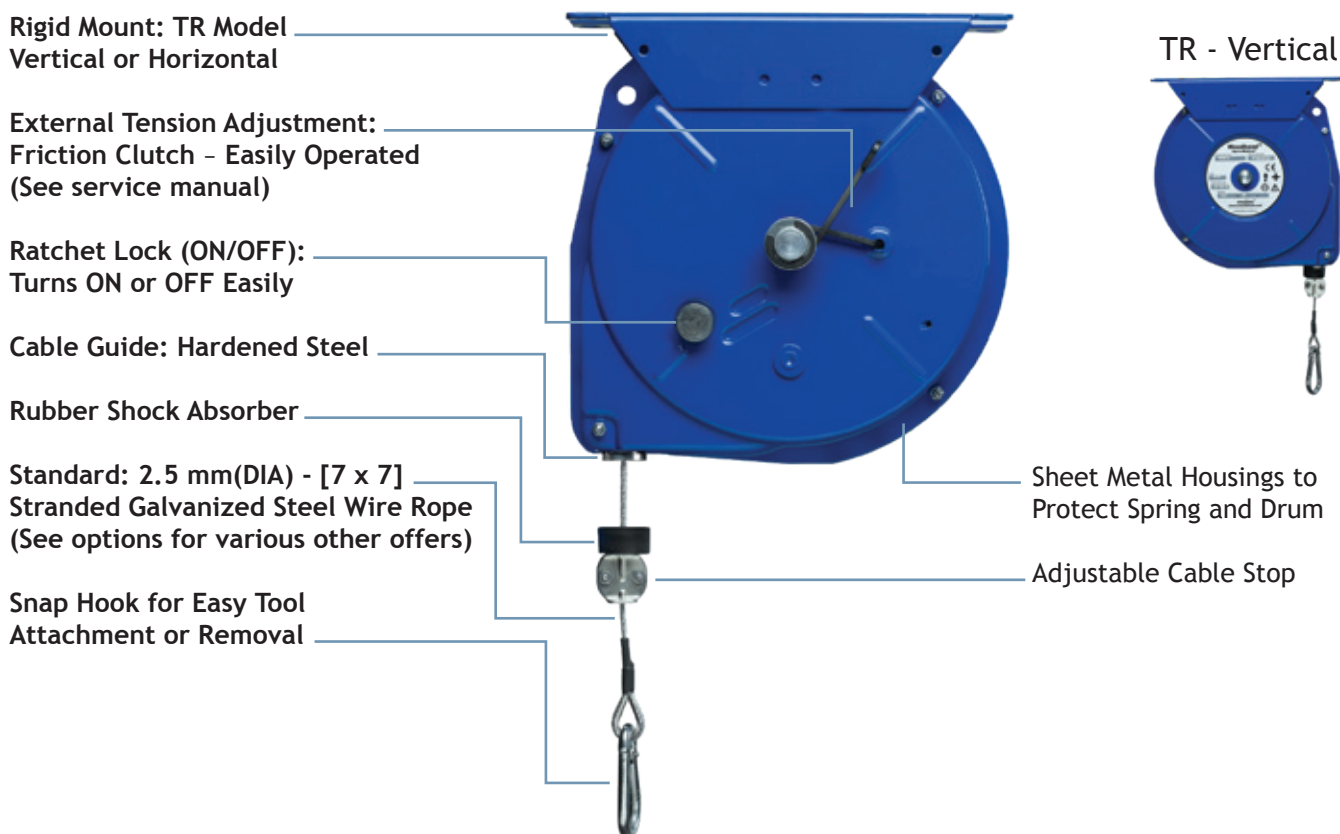
**Ratchet Lock (ON/OFF):**  
Turns ON or OFF Easily

**Cable Guide: Hardened Steel**

**Rubber Shock Absorber**

**Standard: 2.5 mm(DIA) - [7 x 7]**  
Stranded Galvanized Steel Wire Rope  
(See options for various other offers)

**Snap Hook for Easy Tool**  
Attachment or Removal



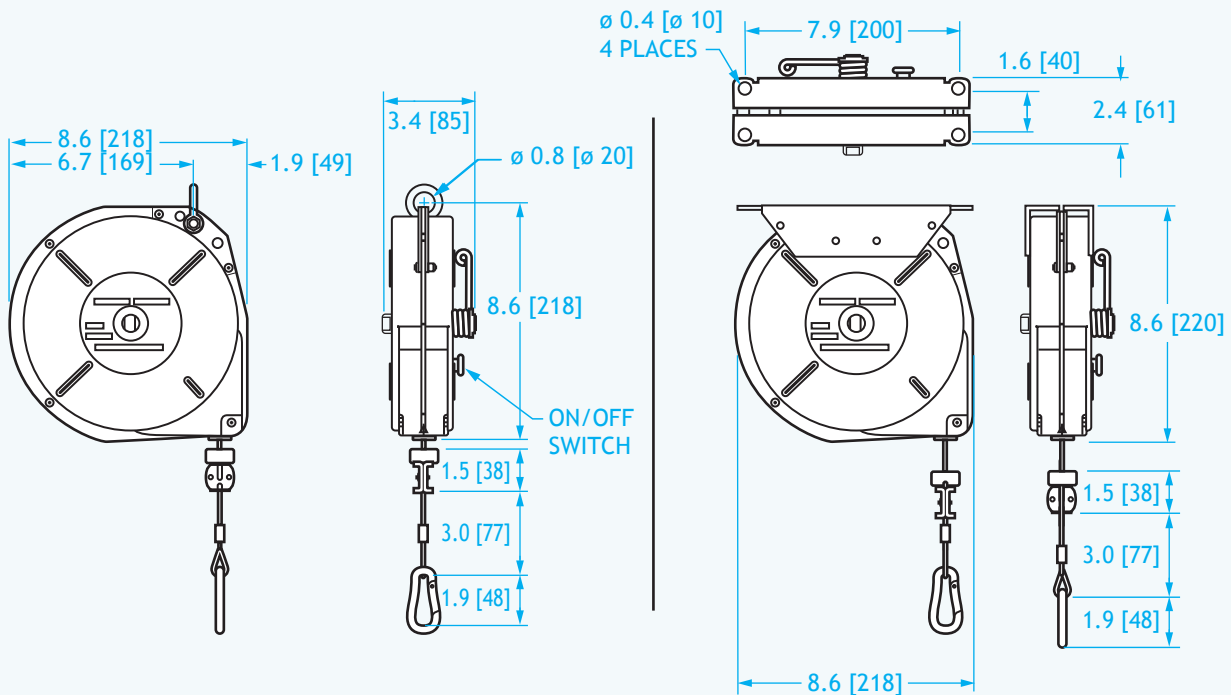
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Weight Range (kg)	Weight Range (lb)	Active Cable Travel	Serviceable
0515T	1301760002	2.3	5	4.5 m (15.0')	Yes
1015T	1301760003	4.5	10		
1515T	1301760004	6.8	15		
1515TR	1301760009	6.8	15		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
0515T	165	7	286	11	300	12	4.5	10.0
1515T & 1515TR								

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.



## CABLE RETRIEVAL > WITH GROUND PATH



**Grounding Reels** are reeling devices designed to provide a ground path for eliminating static build-up by means of cable and ground clamp. Adjustable light constant tension on the cable is provided by the Main Power Spring which in turn provides means for Automatic Cable Retrieval.

Units are also equipped with a Ratchet Lock for easy locking in place of cable at a desired position while a light tug on the cable will allow cable to automatically be retrieved into unit.





## AERO-MOTIVE® GROUNDING REELS



### APPLICATIONS

GENERAL INDUSTRIAL

GROUNDING APPLICATIONS

SERVICE TRUCKS

WELDING STATIONS

HAZARDOUS LIQUID TRAILERS

REFUELING TRUCKS

REFINERIES

CHEMICAL PLANTS

AIRPLANES

DOCKSIDE LOADING EQUIPMENT

# GROUNDING REELS >

1025 Series  
Standard Industrial Duty

Equipped with a 2.0 Ohm resistant, 100.0 A ground clamp, Aero-Motive® Static Discharge Reels safely dissipate static electrical build-up and reduce the danger of sparking in hazardous areas such as petrochemical plants, shipyards, etc. 1025 Static Discharge Reel while providing an overall resistance of Less than 2 Ohms, is compact in size and built sturdy to fit in most standard industrial duty applications.

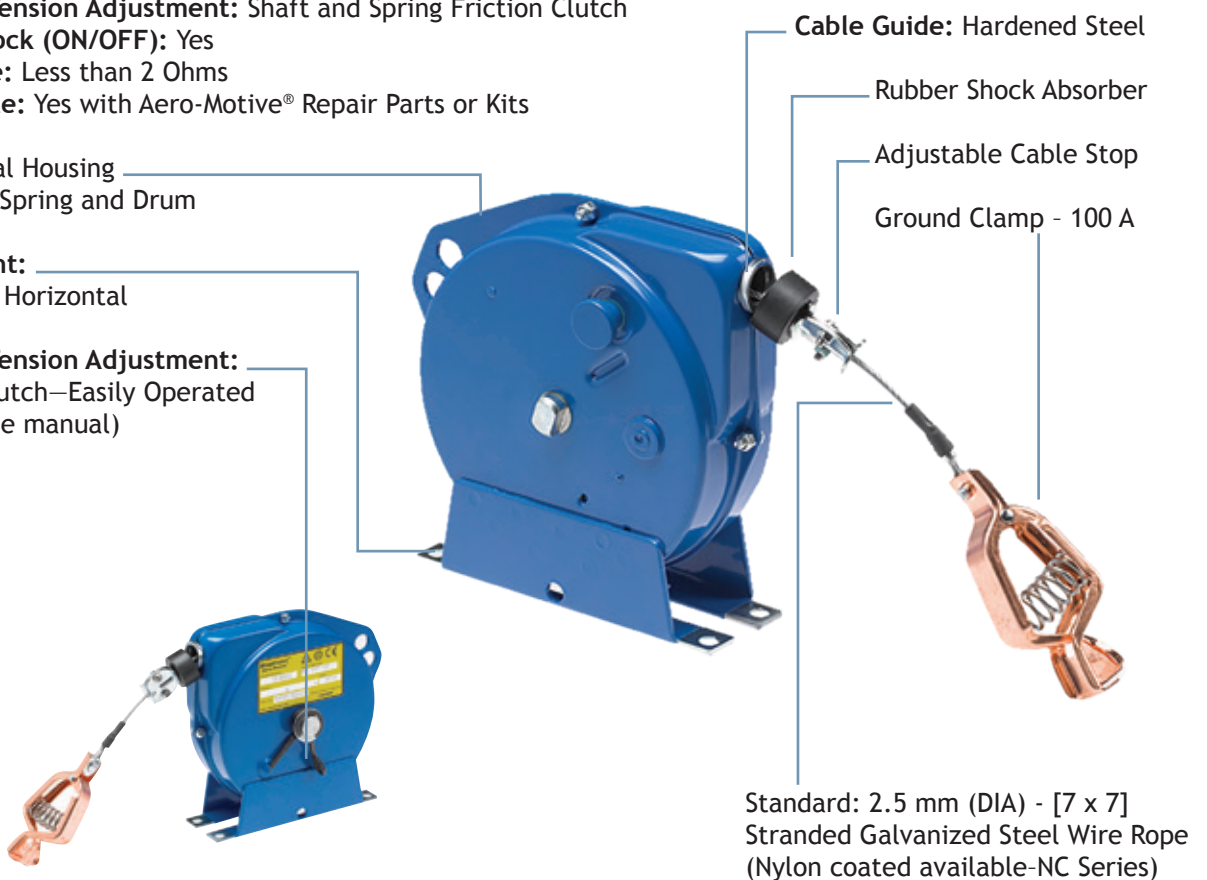
## Product Features\*

- Automatic Safety Lock:** No
- Manual Safety Lock:** No
- Installation:** Rigid Mount - Vertical & Horizontal Mount
- External Tension Adjustment:** Shaft and Spring Friction Clutch
- Ratchet Lock (ON/OFF):** Yes
- Resistance:** Less than 2 Ohms
- Serviceable:** Yes with Aero-Motive® Repair Parts or Kits

Sheet-Metal Housing  
to Protect Spring and Drum

**Rigid Mount:**  
Vertical or Horizontal

**External Tension Adjustment:**  
Friction Clutch—Easily Operated  
(See service manual)



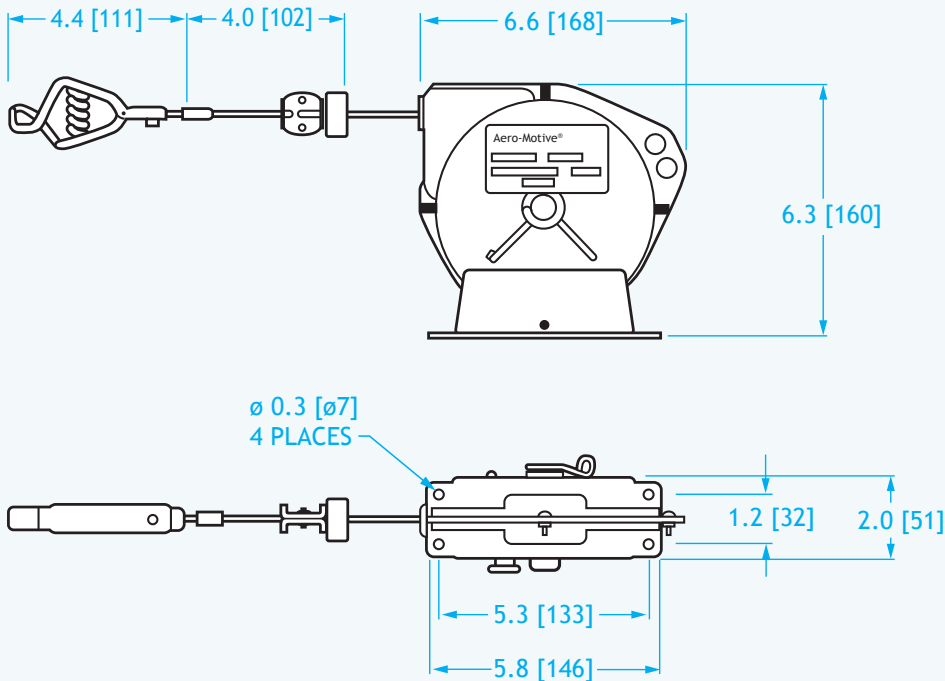
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Active Cable Travel	Serviceable
1025	1301770015	7.5 m (25')	Yes
1025NC	1301770002		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
1025 Series	140	6	203	8	262	10	2.5	6.0

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

# GROUNDING REELS >

2050 Series  
Standard Industrial Duty

Equipped with new power springs which provide long lasting life cycles and an automatic cable retrieval which can be set easily at desired speeds by means of external tension adjustment mechanism. 2050 Series come equipped with a single or dual ground clamps and cables are available in Nylon Coated Steel.



## Product Features\*

- Automatic Safety Lock:** No
- Manual Safety Lock:** No
- Installation:** Rigid Mount - Vertical and Horizontal Mount
- Ratchet Lock (ON/OFF):** Yes
- Resistance:** Less than 2 Ohms
- External Tension Adjustment:** Shaft and Spring Friction Clutch
- Serviceable:** Yes with Aero-Motive® Repair Parts or Kits

**Ratchet Lock (ON/OFF):** Turns ON or OFF Easily

Sheet-Metal Housing to Protect Spring and Drum

**External Tension Adjustment:**  
Friction Clutch - Easily Operated  
(See service manual)

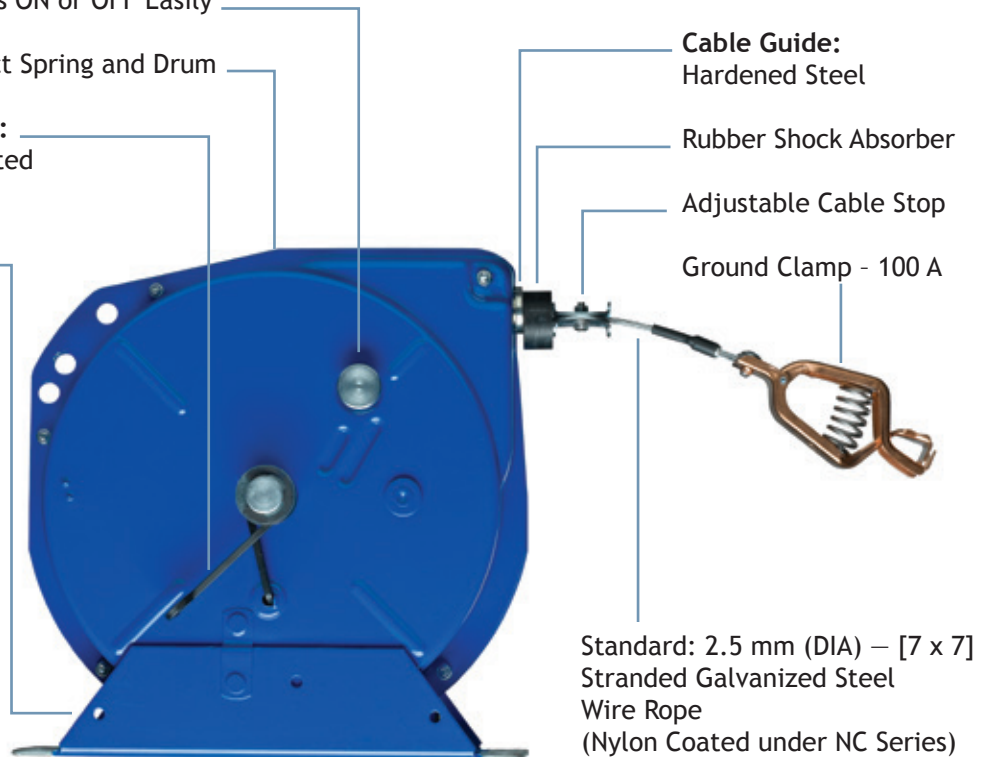
**Rigid Mount Installation:**  
Vertical or Horizontal

**Cable Guide:**  
Hardened Steel

Rubber Shock Absorber

Adjustable Cable Stop

Ground Clamp - 100 A



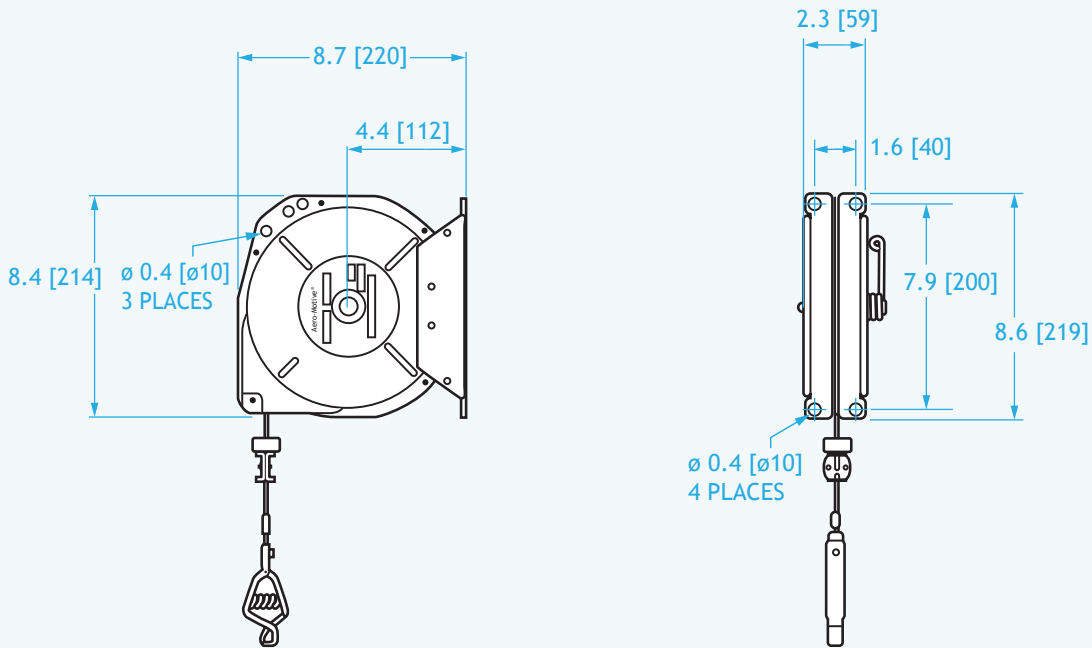
\*Feature Identifiers (in bold) defined on pages 6 to 9.

## Ordering Information

Aero-Motive Model	Reference No.	Active Cable Travel	Serviceable
2050	1301770009		
2050NC	1301770011	15.2 m (50')	Yes
2050Y	1301770013		

## Unit Dimension Specification

(Dimensions are shown in inches [and millimeters] and are for reference only)



## Unit Packaging Specification

Aero-Motive Model	Height		Width		Depth		Weight	
	mm	inches	mm	inches	mm	inches	kg	lb
2050 Series	165	7	286	11	300	12	4.1	9.0

Specifications for reference only [ $\pm 10\%$ ]. Subject to change without notice.

## NOTES



**NOTES** ➤

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**NOTES** ➤



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Dealer stamp

 **Aero-Motive**<sup>®</sup>  
Quality. Made with passion.