



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

Balancers are devices designed to provide constant tension throughout the specified 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 build-up from the power spring.

Features and Benefits

Containerized Power Spring	Provides safe handling, best-in-class ergonomics and increased life cycles
High-pressure Aluminum casted housings	Protects spring and drum within standard industrial-duty environments
Vertical tension +/- adjustment can be operated using off-the-shelf general tools	Facilitates easy tension adjustment depending on weight of tool being supported
Standard versions fitted with 7x19 stranded, 3mm thickness preformed aircraft cable. Alternative cable options on request	Increased durability for heavy-duty environments
Robust 360° rotating swivel hanger, secured in place by cotter pin. Bullard hook upper mounts available on request	Provides a full range-of-motion Enhances security of balancer and tool in standard industrial-duty environments Enables quick and easy installation
Equipped with Automatic Safety Lock	Prevents tool or load from falling in event unit loses tension or power-spring breaks
Equipped with manual Safety Lock to secure cable in position	Facilitates quick and safe tool changeover without risk of cable fly-back
EBR model equipped with a permanent ratchet lock. Ratchet cannot be turned on or off	Retraction tension is locked in place to allow unrestricted tool movements
Unit supplied pre-fitted with safety chain	Provides secondary fall protection for added security
Tools attached using industrial-grade eye hook with a spring-loaded latch. Bullard hooks with 360° swivel motion available on request.	Prevents tools from becoming unhooked for increased security Simplifies attachment and removal of tools

Applications

General Industrial

Manufacturing / assembly facilities

Portable tools

Electric Tools

Mechanical Tools

Pneumatic Tools

Cabling and hoses

AERO-MOTIVE® Balancers Standard Industrial Duty

130171 EB and EBR Models



EB Model, Trolley Nail-Gun Application



EB Model, Rear View, Trolley Application

General Specifications

AERO-MOTIVE® Balancers Standard Industrial Duty

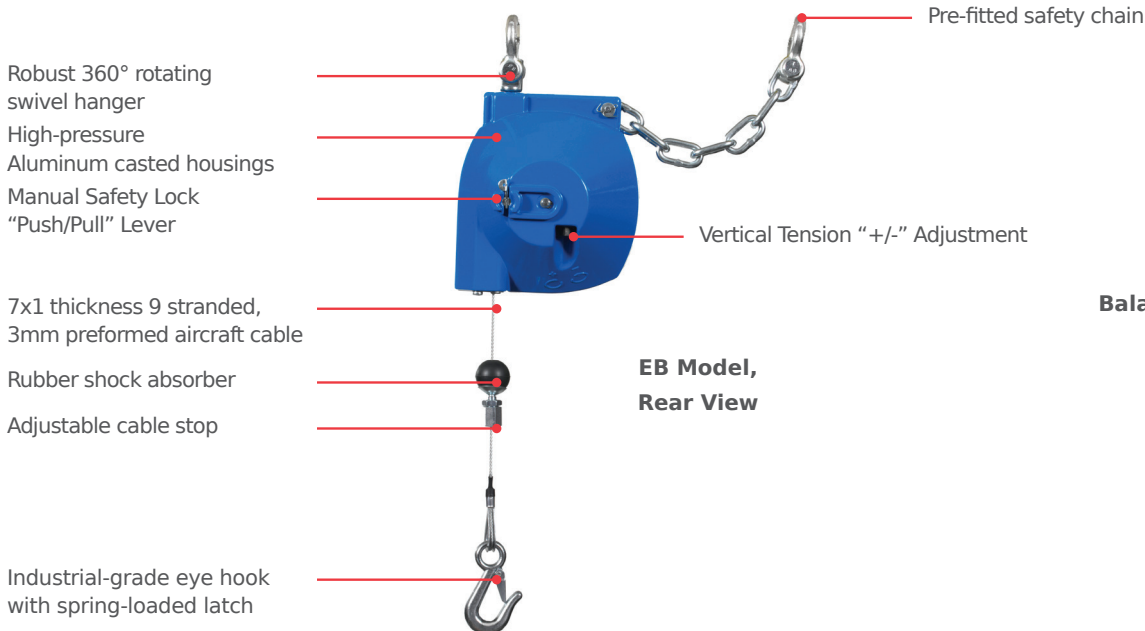
130171 EB and EBR Models

Model	Height		Width		Depth		Weight	
	mm	inch	mm	inch	mm	inch	kg	lb
25EB	280	11	381	15	324	13	10	22
35EB								
45EB								
48EBS								
60EBS								
25EBR								
35EBR								
45EBR								
48EBSR								
60EBSR								

Dimensions and Weight for Reference Only [±5%]. Subject to change without notice.



**EB Model
Balancer, Front View**



**EB Model,
Rear View**

Ordering Information

Model*	Order No.	Weight Range (kg)	Weight Range (lb)	Cable Travel	Ratchet Lock	Automatic Safety Lock	Serviceable
25EB	130171-0003	8.2 - 11.4	18.0 - 25.0	2.0m (6.6ft.)	No	Yes	Yes
35EB	130171-0014	11.4 - 15.9	25.0 - 35.0				
45EB	130171-0028	15.9 - 20.5	35.0 - 45.0				
48EBS	130171-0037	15.9 - 21.8	35.0 - 48.0	1.5m (4.9ft.)			
60EBS	130171-0042	20.5 - 27.3	45.0 - 60.0				
25EBR	130171-0007	8.2 - 11.4	18.0 - 25.0	2.0m (6.6ft.)	Yes	Yes	Yes
35EBR	130171-0019	11.4 - 15.9	25.0 - 35.0				
45EBR	130171-0032	15.9 - 20.5	35.0 - 45.0				
48EBSR	130171-0039	15.9 - 21.8	35.0 - 48.0	1.5m (4.9ft.)			
60EBSR	130171-0045	20.5 - 27.3	45.0 - 60.0				

*Options including Upper Shackle Mounts, Special Cable Assemblies available are indicated within the Balancer Options Table.

Simply add proper suffixes to Model numbers indicated in above table

Example: 25EB Balancer equipped with 'Bullard Hook Upper Shackle Mount' and a 'Lower Bullard Cable Assembly' = Model number 25EBBU

Example: 48EBSR Balancer equipped with a 'Bullard Hook Upper Shackle Mount' and a 'Lower Bullard Cable Assembly' = Model number 48EBSRBU

www.molex.com/link/aeromotivebalancer.html