



Compact, ergonomic and cost-effective balancers are streamlined to fit virtually any work space, improve productivity by keeping tools organized and safeguard expensive power tools from possible accidents with superior suspension features

Balancers are devices designed to provide constant cable tension throughout a specified length of 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.

Features and Benefits

New and improved power springs	Provides best-in-class ergonomics and life cycles
High-impact ABS housings	Protects spring and drum within light-duty industrial environments
Tension +/- adjustment can be done using off-the-shelf general tools	Facilitates easy tension adjustment depending on weight of tool being supported
Flexible stranded-steel aircraft cable features adjustable cable stop	Increased durability Allows tools to be set at different positions/ heights
360° rotating swivel hanger, secured in place by cotter pin	Provides a full range-of-motion Enhances security of balancer and tool 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
BFL model features ratchet lock	Retraction tension is locked in place to allow unrestricted tool movements
Units feature hole suitable for fitting safety chain	Can provide added security
Tools attached using snap hook with locking nut	Increases security of tool and simplifies attachment and removal

Applications

General Industrial

Manufacturing / assembly facilities

Portable tools

- Electric Tools
- Mechanical Tools
- Pneumatic Tools
- Cabling and hoses

AERO-MOTIVE® Balancers Light Industrial Duty

130170 BF and BFL Models



BF / BFL Models

General Specifications

AERO-MOTIVE® Balancers Light Industrial Duty

130170 BF and BFL Models

Model	Height		Width		Depth		Weight	
	mm	inch	mm	inch	mm	inch	kg	lb
BF6	127	5	185	7	312	12	3	6.7
BF9								
BF13								
BF18								
BF24								
BFL6								
BFL9								
BFL13								
BFL18								
BFL24								

Dimensions for reference only [$\pm 5\%$]. Subject to change without notice.

Product Features

360° rotating swivel hanger, secured in place by cotter pin

Safety Chain attachment hole

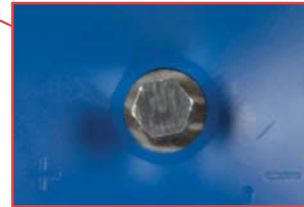
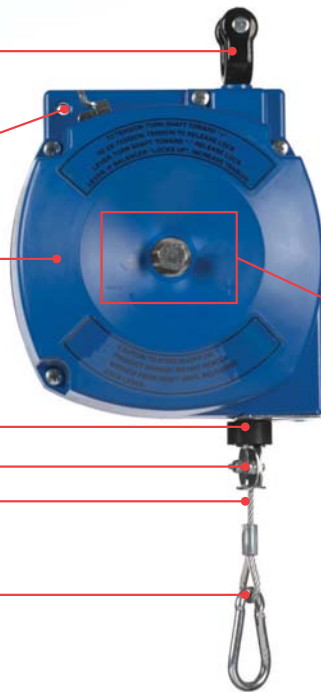
High-Impact ABS Housing

Rubber shock absorber

Adjustable cable stop

Flexible stranded-steel aircraft cable

Snap Hook with Locking Nut



Tension +/- adjustment



BF / BFL Model

Ordering Information

Model	Order No.	Weight Range (kg)	Weight Range (lb)	Travel	Ratchet Lock	Automatic Safety Lock	Serviceable
BF6	130170-0021	1.4 - 2.7	3.0 - 6.0	2.0 (6.6ft.)	No	Yes	Yes
BFL6	130170-0032				Yes		
BF9	130170-0023	2.7 - 4.1	6.0 - 9.0		No		
BFL9	130170-0033				Yes		
BF13	130170-0015	4.1 - 5.9	9.0 - 13.0		No		
BFL13	130170-0025				Yes		
BF18	130170-0017	5.9 - 8.2	13.0 - 18.0		No		
BFL18	130170-0027				Yes		
BF24	130170-0019	8.2 - 10.9	18.0 - 24.0		No		
BFL24	130170-0030				Yes		

www.molex.com/link/aeromotivebalancer.html