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BRCP44

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TECHNICAL DATA

Product Number BRC-450-16

Material

The balancer is made of glassfiber reinforced polyamide plastic. The cable is made of stainless steel. 8mm galvanised steel suspension carbine hook

Weight

4,3kg / 9,5lbs

Cable length Maximum 4,5m / 15ft. Lifting power 13-16kg / 29-35lbs

Temperature rating -10 to 60°C / 14 to 140°F

Max working angle 30° from plumb/vertical line

Maintenance Normal use, no maintenance required. See below

SAFETY INFORMATION

Warning: The balancer comprises a powerful spring. The cable must not be released without load as this may cause damage to the balancer. Parts or equipment which can cause personal injury if a cable or spring breaks, must not be used without special safety precautions.

FUNCTION / AREA OF USE

The balancer is designed to lift and lower a load within 0-4,5m / 0-14,5' with a maximun angle of 30 degrees from plumb/vertical line. The balancer is equipped with a ratched locking function which holds the cable in extented position.

The locking function can easily be turned on or off depending on area of use.

The balancer is also prepared to install a micro switch for automatic start-stop of an electrical damper or a fan starter, the micro switch is activated when the balancer cable is pulled out, (load lowered).

RATCHET LOCKING DEVICE

The balancer is delivered with the ratchet lock de-activated. To activate the locking device the plastic screw (A) positioned close to the suspension hook is moved to replace the metal screw (B) on the balancer housing. Put the metal screw back where the plastic screw was positioned. Pull out 0,5m / 2ft of cable and the locking device is activated.



INSTALLATION

Mounting point must withstand loads of 250 kg /550 lbs and permit movement in the angles the balancer is expected to operate.

If a screw and nut is applied for mounting, a locking nut must always be used. In the event of dismantling, new locking nuts must be used when remounting. The safety chain must be separately mounted and not incorporated in the fixing point of the balancer.



