

# VG OSG

NEW

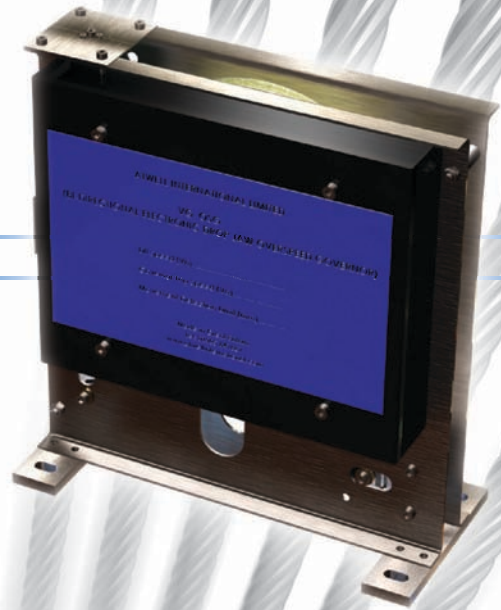
## Bi-Directional Drop Jaw Electronic Overspeed Governor - With optional Uncontrolled Movement Detection

- Fitted in the lift motor room
- Design to operate "Fail Safe"
- Works with an 8mm Governor rope
- Combines proven drop jaw technology with Scott Russell Linkage mechanism
- Will generate a pull in force of between 300 and 600N
- Will not disengage if the counterweight bounces back up the shaft.
- Does not require any external force to generate the braking force.
- Speed Range 0.1m/s – 7.0m/s
- Requires a minimum tension weight of 15kgs with lockdown which is much smaller than conventional over speed governors.
- 300mm Pulley
- Designed to work in conjunction with the VG family of safety products. But can be used to operate other safety gears requiring less than 600N to function.
- Can be used to monitor uncontrolled movement and provide the signal to operate any electro-mechanical braking device.
- When used in conjunction with bi-directional VG safety Gears can be used to provide both over speed and uncontrolled movement protection with doors open.
- Can be used to monitor uncontrolled movement and provide the signal to operate any electro-mechanical braking device.
- Can be used to operate the VG rope brake instead of the UMD control box.
- Tested to meet the requirements of EN81:1998+A3:2009 section F.4.2
- Fully conforms to the PESSRAL requirements of EN81
- Compact Design
- CE certified

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### Characteristics of the New Bi-Directional Drop Jaw Governor

As a primary component in the safety of the lift, the existing over speed governor should comply with the current standards in operation and accuracy and if there is any doubt then they should be replaced.

The new VG OSG is designed to meet the requirements of:

**BS EN81-1:1998+A3:2009** – safety Rules for the construction and installation of lifts:

**Section: 9.9** – Overspeed governor

**BS EN81-80:2003** - Safety rules for the construction and installation of lifts – Existing Lifts – Part 80: Rules for improvement of safety of existing passenger and goods passenger lifts.

**Significant Hazard number 50** – No, or inadequate safety gear and/or overspeed governor of electric lifts. Clause No. 5.9.2, priority level "High".

This VG OSG governor can be used to full fill the following requirements of EN81-1:1998+A3:2009:

Section 9.8 - Safety Gear

Section 9.9 – Overspeed Governor

It will also provide the means to comply with sections

Section 9.10 – Ascending car overspeed protection means

Section 9.11 Protection against unintended car movement

When used with other VG safety products it will provide full compliance with all the latest regulations of EN81-1:1998+A3:2009



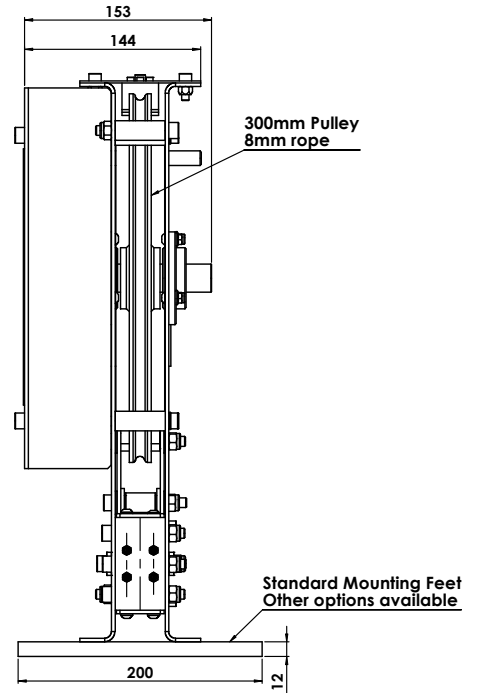
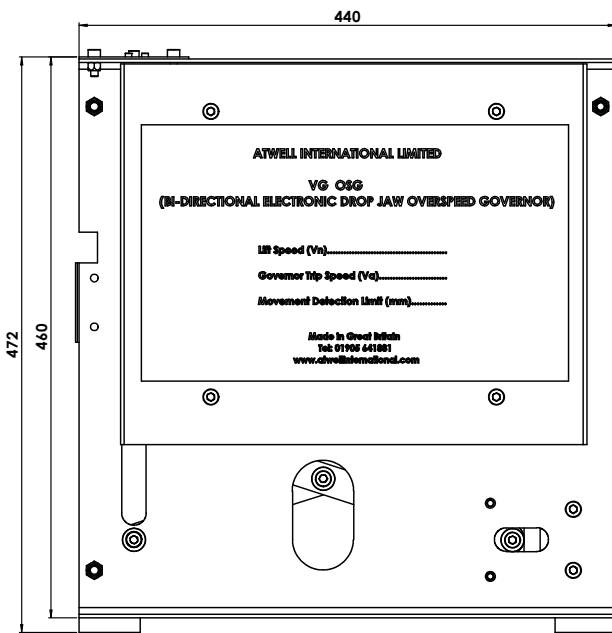
CE





## Bi-Directional Drop Jaw Electronic Overspeed Governor

## OUTLINE SPECIFICATION



Shown without Guarding

