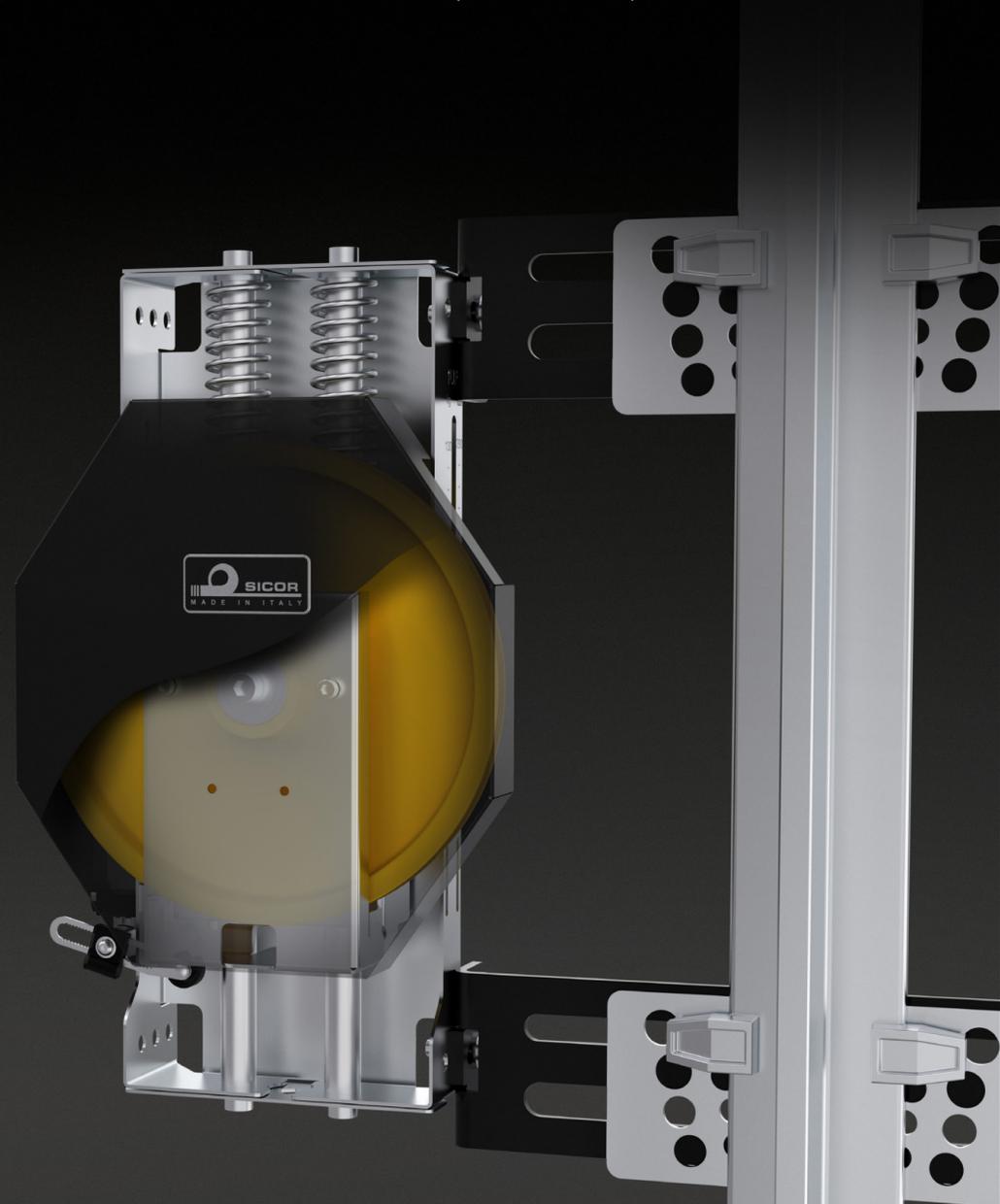


Tension weight STW 250

STW 250 is an ultra-compact tension weight that can be installed on the car rail or on the pit floor. The mounting brackets have been designed to adapt to the most safety gears models, thanks to the two directions setting. The vertical force on the tension pulley is generated by compression springs and can be easily adjusted depending on the installation needs.

The applied force is displayed on the graduated bar located on the side of the tensioner. In case of lack of rope tensioning, the safety switch cuts off the motor power supply.

STW 250 is suitable for anti-seismic elevators and complies with the requirements of EN 81-20:2020.



by
SICOR ITALY
AN ELEVANTIS COMPANY

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Products' specifications included in this brochure are subject to change by Sicor without notice.

OVERSPEED GOVERNOR TENSION WEIGHT

OGS/STW SERIES



by
SICOR ITALY
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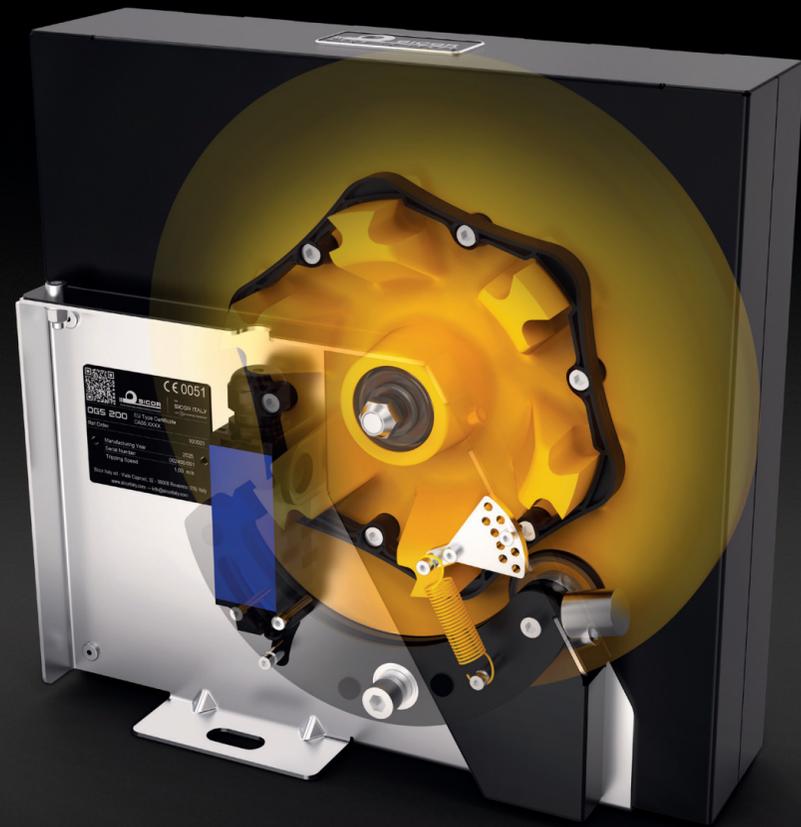
BRH0104_REV01 - ENG

Overspeed governor OGS 200 / OGS 300

OGS 200 and OGS 300 are compact and reliable overspeed governors for elevators. Their activation components' special design ensures the safety gear intervention in a short time. According to lifts standards, they can be used with both instantaneous and progressive safeties, up to 2.00 m/s nominal speed. The hardened 40° pulley's wedge groove, HRC 50 guaranteed hardness, provides ideal rope traction and long lasting solution against wear.

The protection cover, the test groove and the safety switch are part of the standard equipment, whereas the remote control or the UCM solution are optional.

The employment of OGS 200 and OGS 300 together with the STW 250 tension weight is the best choice in terms of reliability, ease of use, settings, and value for money.



Overspeed governor OGS 200 / OGS 300

Bidirectional operation

Instantaneous & Progressive Safety Gear

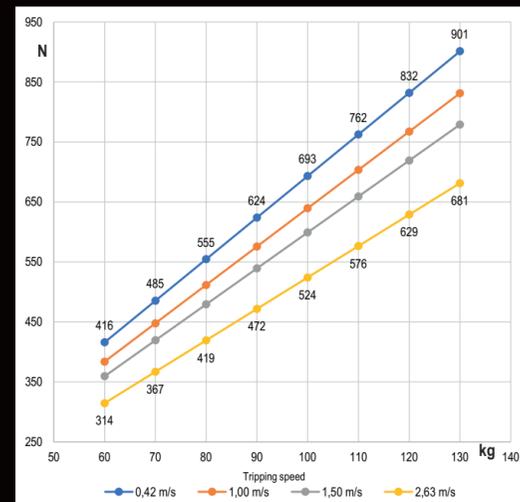
Nominal speed min [m/s] 0,3

Nominal speed max [m/s] 2,00

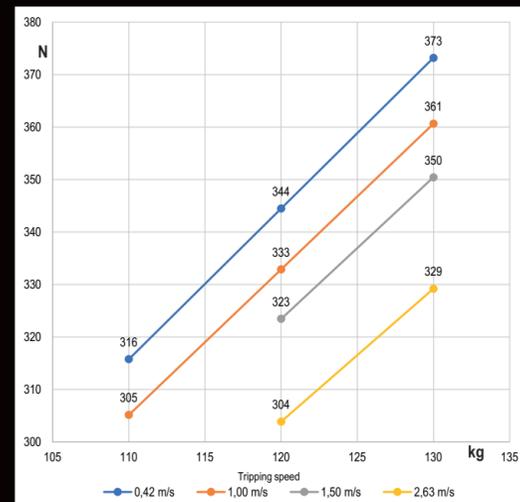
Tripping speed max [m/s] 2,63

Governor brake force [N]

Downward acting



Upward acting



Electric safety switch 1NO+1NC Standard equipment

Test groove Standard equipment

Protection cover Standard equipment

Rope safe guard Standard equipment

Remote control Optional

Pulley diameter 200 mm Rope diameter 6 – 6,5 mm

Pulley diameter 300 mm Rope diameter 6 – 6,5 – 8 mm

Tension weight STW 250

Suitable for mono & bidirectional overspeed governors

Guide rail

Tension force generated by spring loaded pulley

Automatic reset safety contact

Load range on pulley axis [kg] 60 - 130

Nominal speed max [m/s] 2,00

Rope diameter [mm] 6 – 6,5 – 8

Pulley diameter [mm] 250

Electric safety device Standard equipment

Protection cover Standard equipment

Rope safe guard Standard equipment

